

Appendix J: Additional Information

Appendix J-1: Original granted EA



environmental affairs

Department:
Environmental Affairs
REPUBLIC OF SOUTH AFRICA

Private Bag X 447 · PRETORIA · 0001 · Fedsure Building · 315 Pretorius Street · PRETORIA
Tel (+ 27 12) 310 3911 · Fax (+ 2712) 322 2682

NEAS Reference: DEA/EIA/0000999/2012

DEA Reference: 14/12/16/3/3/1/473

Enquiries: Nyiko Nkosi

Telephone: 012-395 -1694 Fax: 012-320-7539 E-mail: nnkosi@environment.gov.za

Mr R R Janse van Rensburg
Roma Energy Danielskuil (Pty) Ltd
P.O. Box 73
SOMERSET MALL
7135

Fax no: 021 853 0269

PER FACSIMILE / MAIL

Dear Mr Janse van Rensburg

APPLICATION FOR ENVIRONMENTAL AUTHORISATION IN TERMS OF THE NATIONAL ENVIRONMENTAL MANAGEMENT ACT, 1998: GN R. 543/544: PROPOSED ESTABLISHMENT OF 10MW ROMA ENERGY DANIELSKUIL SOLAR PLANT ON ERF 753, DANIELSKUIL, NORTHERN CAPE PROVINCE

With reference to the above application, please be advised that the Department has decided to grant authorisation. The environmental authorisation (EA) and reasons for the decision are attached herewith.

In terms of regulation 10(2) of the Environmental Impact Assessment Regulations, 2010 (the Regulations), you are instructed to notify all registered interested and affected parties, in writing and within 12 (twelve) days of the date of the EA, of the Department's decision in respect of your application as well as the provisions regarding the submission of appeals that are contained in the Regulations.

Your attention is drawn to Chapter 7 of the Regulations, which prescribes the appeal procedure to be followed. This procedure is summarised in the attached document. Kindly include a copy of this document with the letter of notification to interested and affected parties.

Should the applicant or any other party wish to appeal any aspect of the decision a notice of intention to appeal must be lodged by all prospective appellants with the Minister, within 20 days of the date of the EA, by means of one of the following methods:

By email: AppealsDirectorate@environment.gov.za
By post: Private Bag X447,
Pretoria, 0001; or
By hand: 2nd Floor, Fedsure Building, North Tower,
Cnr. Lilian Ngoyi (Van der Walt) and Pretorius Streets,
Pretoria.

If the applicant wishes to lodge an appeal, it must also serve a copy of the notice of intention to appeal on all registered interested and affected parties as well as a notice indicating where, and for what period, the appeal submission will be available for inspection, should you intend to submit an appeal.

Please include the Department (*Attention: Director: Integrated Environmental Authorisations*) in the list of interested and affected parties, notified through your notification letter to interested and affected parties, for record purposes.

Appeals must be submitted in writing to:

Mr T Zwane, Senior Legal Administration Officer (Appeals), of this Department at the above mentioned addresses or fax number. Mr Zwane can also be contacted at:

Tel: 012-310-3929

Email: AppealsDirectorate@environment.gov.za

The authorised activity shall not commence within twenty (20) days of the date of signature of the authorisation. Further, please note that the Minister may, on receipt of appeals against the authorisation or conditions thereof suspend the authorisation pending the outcome of the appeals procedure.

Yours sincerely



Mr Mark Gordon
Chief Director: Integrated Environmental Authorisations
Department of Environmental Affairs

Date: 21/01/2013

CC:	Mr Bernard de Witt	EnviroAfrica	Tel: 021 851 1616	Fax: 086 512 0154
	A T Makaunde	Northern Cape Department of Environment and Nature Conservation	Tel: 053 807 7430	Fax: 053 831 3530
	Ms Mlambo Izquierdo- Rodriguez	Kgatelopele Local Municipality	Tel: 053 384 8600	Fax: 053 384 0326
	Mr T Zwane	Appeals Authority (DEA)	Tel: 012-310-3929	Email: AppealsDirectorate@environment.gov.za
	Mr S Malaza	Compliance Monitoring (DEA)	Tel: 012-310-3397	Fax: 012-320-5744

APPEALS PROCEDURE IN TERMS OF CHAPTER 7 OF THE NEMA EIA REGULATIONS, 2010 (THE REGULATIONS) AS PER GN R.543 OF 2010 TO BE FOLLOWED BY THE APPLICANT AND INTERESTED AND AFFECTED PARTIES UPON RECEIPT OF NOTIFICATION OF AN ENVIRONMENTAL AUTHORISATION (EA)

APPLICANT	INTERESTED AND AFFECTED PARTIES (IAPs)
1. Receive EA from the relevant Competent Authority (the Department of Environmental Affairs [DEA]).	1. Receive EA from Applicant/Consultant.
2. Within 12 days of date of the EA notify all IAPs of the EA and draw their attention to their right to appeal against the EA in terms of Chapter 7 of the Regulations.	2. N/A.
3. If you want to appeal against the EA, submit a notice of intention to appeal within 20 days of the date of the EA with the Minister of Water and Environmental Affairs (the Minister).	3. If you want to appeal against the EA, submit a notice of intention to appeal within 20 days of the date of the EA. with the Minister of Water and Environmental Affairs (the Minister).
4. After having submitted your notice of intention to appeal to the Minister, provide each registered IAP with a copy of the notice of intention to appeal within 10 days of lodging the notice.	4. After having submitted your notice of intention to appeal to the Minister, provide the applicant with a copy of the notice of intention to appeal within 10 days of lodging the notice.
5. The Applicant must also serve on each IAP: <ul style="list-style-type: none"> a notice indicating where and for what period the appeal submission will be available for inspection. 	5. Appellant must also serve on the Applicant within 10 days of lodging the notice, <ul style="list-style-type: none"> a notice indicating where and for what period the appeal submission will be available for inspection by the applicant.
6. The appeal must be submitted in writing to the Minister within 30 days after the lapsing of the period of 20 days provided for the lodging of the notice of intention to appeal.	6. The appeal must be submitted to the Minister within 30 days after the lapsing of the period of 20 days provided for the lodging of the notice of intention to appeal.
7. Any IAP who received a notice of intention to appeal may submit a responding statement to that appeal to the Minister within 30 days from the date that the appeal submission was lodged with the Minister.	7. An Applicant who received notice of intention to may submit a responding statement to the appeal to the Minister within 30 days from the date that the appeal submission was lodged with the Minister.

NOTES:

1. **An appeal against a decision must be lodged with:-**
 - a) the Minister of Water and Environmental Affairs if the decision was issued by the Director- General of the Department of Environmental Affairs (or another official) acting in his/ her capacity as the delegated Competent Authority;
 - b) the Minister of Justice and Constitutional Development if the applicant is the Department of Water Affairs and the decision was issued by the Director- General of the Department of Environmental Affairs (or another official) acting in his/ her capacity as the delegated Competent Authority;
2. **An appeal lodged with:-**
 - a) the Minister of Water and Environmental Affairs must be submitted to the Department of Environmental Affairs;
 - b) the Minister of Justice and Constitutional Development must be submitted to the Department of Environmental Affairs;
3. **An appeal must be:-**
 - a) submitted in writing;
 - b) accompanied by:
 - a statement setting out the grounds of appeal;
 - supporting documentation which is referred to in the appeal; and
 - a statement that the appellant has complied with regulation 62 (2) or (3) together with copies of the notices referred to in regulation 62.



environmental affairs

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Environmental Affairs
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Environmental Authorisation

In terms of regulation 36 of the Environmental Impact Assessment Regulations, 2010

**Construction of 10MW Roma Energy Danielskuil solar plant on Erf 753 Danielskuil, Kgatelopele
Local Municipality, Northern Cape Province**

(Siyanda District Municipality)

Authorisation register number:	14/12/16/3/3/1/473
NEAS reference number:	DEA/EIA/0000999/2011
Last amended:	First issue
Holder of authorisation:	APPLICANT
Location of activity:	NORTHERN CAPE PROVINCE: on Erf 753 Danielskuil, Kgatelopele Local Municipality

This authorisation does not negate the holder of the authorisation's responsibility to comply with any other statutory requirements that may be applicable to the undertaking of the activity.

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Decision

The Department is satisfied, on the basis of information available to it and subject to compliance with the conditions of this environmental authorisation, that the applicant should be authorised to undertake the activities specified below.

Non-compliance with a condition of this authorisation may result in criminal prosecution or other actions provided for in the National Environmental Management Act, 1998 and the EIA regulations.

Details regarding the basis on which the Department reached this decision are set out in Annexure 1.

Activities authorised

By virtue of the powers conferred on it by the National Environmental Management Act, 1998 (Act 107 of 1998) and the Environmental Impact Assessment Regulations, 2010 the Department hereby authorises –

ROMA ENERGY DANIELSKUIL (PTY) LTD

with the following contact details –

Mr. R R Janse van Rensburg
Roma Energy Danielskuil (Pty) Ltd
P.O. Box 73
SOMERSET MALL
7135

Tel: (021) 8530269

Fax: (021) 8530269

Cell: (073) 7000305

E-mail: tusker@absamail.co.za

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to undertake the following activities (hereafter referred to as "the activity") indicated in Listing Notices 1 (GN R.544):

Listed activities	Activity/Project description
<p><u>GN R. 544 Item 1:</u> The construction of facilities or infrastructure for the generation of electricity where: ii. the output is 10 megawatts or less but the total extent of the facility covers an area in excess of 1 hectare.</p>	<p>Proposed construction of 10mw solar facility.</p>
<p><u>GN R. 544 Item 11:</u> The construction of: (x) buildings exceeding 50 square metres in size. 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>Infrastructural structures associated with the power facility may have an impact within 32m of a water course.</p>

as described in the Basic Assessment Report (BAR) dated May 2012 at:

Preferred Alternative S1	Latitude	Longitude
Erf 753 Danielskuil	28° 12.607'	23° 33.219'

- for the construction of 10MW Roma Energy Danielskuil Solar plant on erf 753 Danielskuil , within Kgatelopele Local Municipality in the Northern Cape Province, hereafter referred to as "the property".

The infrastructure associated with this facility includes:

- An array of integrated high concentration photovoltaic (IHCPV) systems, which would generate approximately 10 megawatt (MW);
- On hundred and forty (140) units, system includes a 6m tall vertical pedestal with 5m long, 3.2m wide photovoltaic module which are mounted across a 17m wide horizontal tube installed at the top of the pedestal. Each system will typically have 30m tracker clearance zone;
- Single track internal access roads;
- The solar arrays would be restricted by the perimeter fire access road;
- The proposed two or four concrete transformers pads will be installed;
- Additional temporary access roads;

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Notification of authorisation and right to appeal

9. The holder of the authorisation must notify every registered interested and affected party, in writing and within 12 (twelve) calendar days of the date of this environmental authorisation, of the decision to authorise the activity.
10. The notification referred to must –
 - 10.1. specify the date on which the authorisation was issued;
 - 10.2. inform the interested and affected party of the appeal procedure provided for in Chapter 7 of the Environmental Impact Assessment Regulations, 2010;
 - 10.3. advise the interested and affected party that a copy of the authorisation will be furnished on request; and
 - 10.4. give the reasons of the competent authority for the decision.
11. The holder of the authorisation must publish a notice –
 - 11.1. informing interested and affected parties of the decision;
 - 11.2. informing interested and affected parties where the decision can be accessed; and
 - 11.3. drawing the attention of interested and affected parties to the fact that an appeal may be lodged against this decision in the newspaper(s) contemplated and used in terms of regulation 54(2)(c) and (d) and which newspaper was used for the placing of advertisements as part of the public participation process.

Management of the activity

12. The Environmental Management Programme (EMPr) submitted as part of the application for environmental authorisation must be amended and submitted to the Department for written approval prior to commencement of the activity. The EMPr amendments must include the following:
 - 12.1. All recommendations and mitigation measures recorded in the BAR dated May 2012.
 - 12.2. Comments from DAFF dated 16 August 2012
 - 12.3. The requirements and conditions of this authorisation.
 - 12.4. The final site layout plan.
 - 12.5. A traffic management plan for the site access roads to ensure that no hazards would result from the increased truck traffic and that traffic flow would not be adversely impacted. This plan must include measures to minimize impacts on local commuters e.g. limiting construction vehicles travelling on public roadways during the morning and late afternoon

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- Trenches for underground cabling;
- The construction staging area;
- Maintenance shed/ workshop; and
- A switch panel for the connection to the power grid.

Conditions of this Environmental Authorisation

Scope of authorisation

1. The proposed construction of 10MW Roma Energy Danielskuil solar plant consisting of CPV technology on Erf 753 Danielskuil, Kgatelopele Local Municipality, Northern Cape province is approved.
2. Authorisation of the activity is subject to the conditions contained in this authorisation, which form part of the environmental authorisation and are binding on the holder of the authorisation.
3. The holder of the authorisation is responsible for ensuring compliance with the conditions contained in this environmental authorisation. This includes any person acting on the holder's behalf, including but not limited to, an agent, servant, contractor, sub-contractor, employee, consultant or person rendering a service to the holder of the authorisation.
4. The activities authorised may only be carried out at the property as described above.
5. Any changes to, or deviations from, the project description set out in this authorisation must be approved, in writing, by the Department before such changes or deviations may be effected. In assessing whether to grant such approval or not, the Department may request such information as it deems necessary to evaluate the significance and impacts of such changes or deviations and it may be necessary for the holder of the authorisation to apply for further authorisation in terms of the regulations.
6. This activity must commence within a period of three (3) years from the date of issue of this authorisation. If commencement of the activity does not occur within that period, the authorisation lapses and a new application for environmental authorisation must be made in order for the activity to be undertaken.
7. Commencement with one activity listed in terms of this authorisation constitutes commencement of all authorised activities.
8. The holder of an environmental authorisation must notify the competent authority of any alienation, transfer and change of ownership rights in the property on which the activity is to take place.

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commute time and avoid using roads through densely populated built-up areas so as not to disturb existing retail and commercial operations

- 12.6. An effective monitoring system to detect any leakage or spillage of all hazardous substances during their transportation, handling, use and storage. This must include precautionary measures to limit the possibility of oil and other toxic liquids from entering the soil or storm water systems.

Monitoring

13. The applicant must appoint a suitably experienced independent Environmental Control Officer (ECO) for the construction phase of the development that will have the responsibility to ensure that the mitigation/rehabilitation measures and recommendations referred to in this authorisation are implemented and to ensure compliance with the provisions of the EMPr.
- 13.1. The ECO shall be appointed before commencement of any authorised activity/ies.
- 13.2. Once appointed, the name and contact details of the ECO must be submitted to the *Director: Compliance Monitoring* of the Department.
- 13.3. The ECO shall keep record of all activities on site, problems identified, transgressions noted and a task schedule of tasks undertaken by the ECO.
- 13.4. The ECO shall remain employed until all rehabilitation measures, as required for implementation due to construction damage, are completed and the site is ready for operation.
- 13.5. Records relating to monitoring and auditing must be kept on site and made available for inspection to any relevant and competent authority in respect of this development.

Recording and reporting to the Department

14. All documentation e.g. audit/monitoring/compliance reports and notifications, required to be submitted to the Department in terms of this authorisation, must be submitted to the *Director: Compliance Monitoring* at the Department.
15. The holder of the authorisation must submit an environmental audit report to the Department within 30 days of completion of the construction phase (i.e. within 30 days of site handover) and within 30 days of completion of rehabilitation activities.
16. The environmental audit report must indicate the date of the audit, the name of the auditor and the outcome of the audit in terms of compliance with the environmental authorisation conditions as well as the requirements of the EMPr.

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17. Records relating to monitoring and auditing must be kept on site and made available for inspection to any relevant and competent authority in respect of this development.

Commencement of the activity

18. The authorised activity shall not commence within twenty (20) days of the date of signature of the authorisation.
19. An appeal under section 43 of the National Environmental Management Act (NEMA), Act 107 of 1998 (as amended), does not suspend an environmental authorisation or exemption, or any provisions or conditions attached thereto, or any directive, unless the Minister, MEC or delegated organ of state directs otherwise.
20. Should you be notified by the Minister of a suspension of the authorisation pending appeal procedures, you may not commence with the activity until such time that the Minister allows you to commence with such an activity in writing.

Notification to authorities

21. Fourteen (14) days written notice must be given to the Department that the activity will commence. Commencement for the purposes of this condition includes site preparation. The notice must include a date on which it is anticipated that the activity will commence, as well as a reference number. This notification period may coincide with the notice of intent to appeal period.

Operation of the activity

22. Fourteen (14) days written notice must be given to the Department that the activity operational phase will commence.

Site closure and decommissioning

23. Should the activity ever cease or become redundant, the applicant shall undertake the required actions as prescribed by legislation at the time and comply with all relevant legal requirements administered by any relevant and competent authority at that time.

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Specific conditions

24. A permit must be obtained for the removal or destruction of protected plant species and copies of permit must be submitted to the Department for record keeping.
25. Archaeological Impact Assessment must be conducted prior to the commencement of the proposed Development and submitted to SAHRA for approval. copy of the approval from SAHRA must be submitted to the Department for record keeping.
26. Vegetation clearing must be kept to an absolute minimum. Mitigation measures must be implemented to reduce the risk of erosion and the invasion of alien species.
27. Visual Impact of the perimeter fence of the solar plant facing the residential areas must be mitigated or softened with vegetation.
28. Any further extension of this proposed project should be reviewed in terms of Subdivision of Agricultural Land Act, 70 (Act 70 of 1970).
29. Water needed for maintenance of the site must not be sourced from existing water allocated to the site or nearby farm portions as it will negatively impact on agricultural production.
30. An integrated waste management approach must be implemented that is based on waste minimisation and must incorporate reduction, recycling, re-use and disposal where appropriate. Any solid waste shall be disposed of at a landfill licensed in terms of section 20 (b) of the National Environment Management Waste Act, 2008 (Act 59 of 2008).

General

31. A copy of this authorisation and the approved EMPr must be kept at the property where the activity/ will be undertaken. The authorisation and approved EMPr must be produced to any authorised official of the Department who requests to see it and must be made available for inspection by any employee or agent of the holder of the authorisation who works or undertakes work at the property.
32. The holder of the authorisation must notify both the *Director: Integrated Environmental Authorisations* and the *Director: Compliance Monitoring* at the Department, in writing and within 48 (forty eight) hours, if any condition of this authorisation cannot be or is not adhered to. Any notification in terms of this condition must be accompanied by reasons for the non-compliance.
33. National government, provincial government, local authorities or committees appointed in terms of the conditions of this authorisation or any other public authority shall not be held responsible for any damages or losses suffered by the applicant or his successor in title in any instance where

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construction or operation subsequent to construction be temporarily or permanently stopped for reasons of non-compliance by the applicant with the conditions of authorisation as set out in this document or any other subsequent document emanating from these conditions of authorisation.

Date of environmental authorisation: 21/01/2013 .



Mr Mark Gordon

Chief Director: Integrated Environmental Authorisations
Department of Environmental Affairs

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Annexure 1: Reasons for Decision

1. Information considered in making the decision

In reaching its decision, the Department took, *inter alia*, the following into consideration -

- a) The information contained in the BAR dated May 2012;
- b) The comments received from the SKA South Africa, Department of Agriculture and Land reform, Civil Aviation authority, SAHRA, Eskom, Department of Agriculture Forest and Fisheries and interested and affected parties as included in the BAR dated May 2012;
- c) Mitigation measures as proposed in the BAR dated May 2012 and the EMPr;
- d) The information contained in the specialist studies contained within Appendix D of the BAR; and
- e) The objectives and requirements of relevant legislation, policies and guidelines, including section 2 of the National Environmental Management Act, 1998 (Act 107 of 1998).

2. Key factors considered in making the decision

All information presented to the Department was taken into account in the Department's consideration of the application. A summary of the issues which, in the Department's view, were of the most significance is set out below.

- a) The findings of all the specialist studies conducted and their recommended mitigation measures.
- b) The need for the proposed project stems from the desire to stimulate the regional economy, contribute to network integration and to reduce the dependence on non-renewable fossil fuel resources in the surrounding area. It would also improve reliability, ensure future sustainable energy use and reduce the carbon dioxide emissions in the area.
- c) The BAR dated May 2012 identified all legislation and guidelines that have been considered in the preparation of the BAR dated May 2012.
- d) The methodology used in assessing the potential impacts identified in the BAR dated May 2012 and the specialist studies have been adequately indicated.
- e) A sufficient public participation process was undertaken and the applicant has satisfied the minimum requirements as prescribed in the EIA Regulations, 2010 for public involvement.

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3. Findings

After consideration of the information and factors listed above, the Department made the following findings -

- a) The identification and assessment of impacts are detailed in the BAR dated May 2012 and sufficient assessment of the key identified issues and impacts have been completed.
- b) The procedure followed for impact assessment is adequate for the decision-making process.
- c) The proposed mitigation of impacts identified and assessed adequately curtails the identified impacts.
- d) The information contained in the BAR dated May 2012 is accurate and credible.
- e) EMP measures for the pre-construction, construction and rehabilitation phases of the development were proposed and included in the BAR and will be implemented to manage the identified environmental impacts during the construction process.

In view of the above, the Department is satisfied that, subject to compliance with the conditions contained in the environmental authorisation, the proposed activity will not conflict with the general objectives of integrated environmental management laid down in Chapter 5 of the National Environmental Management Act, 1998 and that any potentially detrimental environmental impacts resulting from the proposed activity can be mitigated to acceptable levels. The application is accordingly granted.

**Appendix J-2: Email communication and minutes
of September 2016 meeting held with DEA**

From: Clinton [<mailto:clinton@enviroafrica.co.za>]

Sent: Monday, 03 October 2016 8:51 AM

To: Mahlatse Shubane (MShubane@environment.gov.za) <MShubane@environment.gov.za>; 'halberts@environment.gov.za' <halberts@environment.gov.za>; bernard@enviroafrica.co.za; 'info@ventura.co.za' <info@ventura.co.za>; 'Weyers@kerenenergy.com' <Weyers@kerenenergy.com>

Subject: DEA Meeting minutes - 27 September 2016

Dear All

Please find attached the meeting minutes for the meeting held on 27 September 2016 to discuss the NEMA Application for the proposed solar sites.

Many thanks

Best regards,

Clinton Geyser



Tel. 021 851 1616

Email: clinton@enviroafrica.co.za



27 September 2016

Minutes of Meeting with Department of Environmental Affairs, Keren Energy Holdings and EnviroAfrica

Present:

Mahlatshe Shubane – DEA.	mshubane@environment.gov.za	Tel: 012 399 9417
Herman Alberts – DEA.	halberts@environment.gov.za	Tel: 012 399 9371
Bernard de Witt – EnviroAfrica (EAP).	Bernard@enviroafrica.co.za	Tel: 021 851 1616
Clinton Geyser – EnviroAfrica (EAP).	Clinton@enviroafrica.co.za	Tel: 021 851 1616
Fritz Eksteen – Keren Energy Holdings.	info@ventura.co.za	Tel: 012 345 1109
Weyers van Rensburg – Keren Energy Holdings.	Weyers@kerenenergy.com	Tel: 082 631 7496

Keren Energy Holdings requested the meeting along with EnviroAfrica to discuss the fact that seven EIA's has expired which pertains to Solar projects of Keren Energy Holdings.

Mr. Shubane and Mr. Alberts informed all present that the Basic Assessments has to be completed in full again. However, the specialist studies do not need a full report again if there are no changes. Specialist can just confirm (verify the findings of the original report) or update the previous report. Mr. Alberts emphasized that the specialist must go visit the site again. Specialist not allowed to simply write a confirmation. The specialist studies will include but not limited to agriculture, visuals, bio diversity, heritage, and socio economics.

For public participation the specialist report as well as the application must be submitted using the 2014 format. Any specialist studies conducted in house must be reviewed externally.

It is important to make sure of all the regulations. If anything unclear EnviroAfrica can contact Mr. Shubane and get clarity.

Responses to comments pertaining to public participation must be addressed accordingly and adequately. "Noted" is not a response. There must also be a comment and response report. The comments and where they were addressed in the report must be clear.

The report must include a clarification if there are no alternatives for technology used or alternative sites.

Mr. Alberts advised that applications should be in before 15 December. DEA will be closed 15 December to 5 January 2017. No public participation can take place during this time period

If all specialist studies are completed – one round of public participation will be sufficient. DEA will only provide comment on the Basic Assessment Report once an Application Form has been submitted.

Need and desirability must be addressed in the Basic Assessment Report. Just an “umbrella” response that the project is required to provide additional energy to Eskom is not the only “need”. The Need and Desirability must therefore be addressed in more detail.

When submitting the entire report, an original plus one hard copy and 2 CD’s must be submitted. The application must be included on the CD’s.

Cumulative impacts must be addressed. The impacts of any other renewable projects within a 30km radius of the site must be evaluated. Specialists must also take this into consideration. The DEA website can be accessed for a database of renewable projects (new builds). Mr. Shubane to email the link to the database to EnviroAfrica.

Plan of Study

These are the following steps to be conducted for the NEMA Application in terms of the NEMA EIA Regulations 2014 as discussed in the meeting:

- Specialists to conduct site visit and to verify their original findings and/or to update their specialist reports
- EAP to update the Basic Assessment Report (BAR) on the 2014 BAR template.
- EAP to compile 2014 NEMA Application Form and to submit to DEA (90 day legislated timeframe begins)
- EAP to conduct the public participation in terms of the 2014 Regulations. This will include newspaper advertisement, site posters, notification letters to neighbouring land owners and occupiers etc and to other potential I&APs as per the NEMA regulations, as well as to all registered I&APs, notifying them of the NEMA Application, and the availability of the BAR for viewing and comment for a 30 day comment period. The BAR will also be distributed to all relevant State Departments and Organs of State , including DEA, for comment.
- After the 30 day comment period, a Comments and Response report will be compiled. The C&R report will be included in the Final BAR to be submitted to DEA (within the 90 day legislated timeframe) for a decision.
- If required by, and approved by DEA, the 90 day legislated timeframe will be increased by 50 days, if the BAR is substantially amended or substantial additional information is included in the BAR, as a result of comments received on the BAR during the public participation period. The amended BAR will then be submitted for an additional 30 day comment period to registered I&APs.

Vivienne Thomson

From: Vivienne Thomson <vivienne@enviroafrica.co.za>
Sent: Thursday, 16 March 2017 12:23 PM
To: 'Ephron Maradwa'
Cc: Bernard de witt
Subject: RE: Emailing: applicationforenvironmentalauthorisation2016.doc
Attachments: 27 September 2016 DEA Meeting Minutes.docx

Dear Ephron

Thank you for your prompt response. Please find attached, the minutes of the meeting held last year which I referred to in our telephonic conversation earlier today, as well as email correspondence (below) with the Department.

Thank you,
Vivienne Thomson
Telephone: +2721 851 161
Email: vivienne@enviroafrica.co.za



From: Clinton [<mailto:clinton@enviroafrica.co.za>]
Sent: Monday, 03 October 2016 8:51 AM
To: Mahlatse Shubane (MShubane@environment.gov.za) <MShubane@environment.gov.za>; 'halberts@environment.gov.za' <halberts@environment.gov.za>; bernard@enviroafrica.co.za; 'info@ventura.co.za' <info@ventura.co.za>; 'Weyers@kerenenergy.com' <Weyers@kerenenergy.com>
Subject: DEA Meeting minutes - 27 September 2016

Dear All

Please find attached the meeting minutes for the meeting held on 27 September 2016 to discuss the NEMA Application for the proposed solar sites.

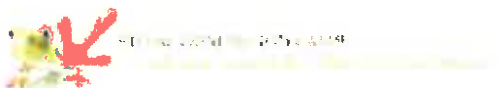
Many thanks

Best regards,

Clinton Geyser



Tel. 021 851 1616
Email: clinton@enviroafrica.co.za



Vivienne Thomson

From: Vivienne Thomson <vivienne@enviroafrica.co.za>
Sent: Friday, 17 March 2017 11:48 AM
To: 'tvdmerwe@environment.gov.za'
Cc: Bernard de witt
Subject: NC Solar projects
Attachments: 27 September 2016 DEA Meeting Minutes.docx

Dear Tanet

Thank you for our chat earlier this morning. For record purposes, please see the mails below and attached file.

I acknowledge that application forms for the above DBARs submitted will be couriered to your offices on the 27th May 2017, so you should have them before the end of the month. Please confirm your department and floor number for courier purposes.

Thank you,
Vivienne Thomson
Telephone: +2721 851 161
Email: vivienne@enviroafrica.co.za



From: Vivienne Thomson [mailto:vivienne@enviroafrica.co.za]
Sent: Thursday, 16 March 2017 12:23 PM
To: 'Ephron Maradwa' <EMaradwa@environment.gov.za>
Cc: Bernard de witt <bernard@enviroafrica.co.za>
Subject: RE: Emailing: applicationforenvironmentalauthorisation2016.doc

Dear Ephron

Thank you for your prompt response. Please find attached, the minutes of the meeting held last year which I referred to in our telephonic conversation earlier today, as well as email correspondence (below) with the Department.

Thank you,
Vivienne Thomson
Telephone: +2721 851 161
Email: vivienne@enviroafrica.co.za



Appendix J-3: DEA acknowledgment of receipt of 2017 EA application



environmental affairs

Department:
Environmental Affairs
REPUBLIC OF SOUTH AFRICA

Private Bag X 447· PRETORIA · 0001· Environment House · 473 Steve Biko Road, Arcadia PRETORIA

DEA Reference: 14/12/16/3/3/1/1751

Enquiries: Azrah Essop

Tel: 012 399 8529 E-mail: AEssop@environment.gov.za

Bernard de Witt
Enviro Africa CC
P O Box 5367
HELDERBERG
7135

Fax: 086 512 0152
Tel: 021 851 1616
Email: admin@enviroafrica.co.za

PER EMAIL / MAIL

Dear Sir/Madam

THE NEW APPLICATION FOR ENVIRONMENTAL AUTHORISATION (BASIC ASSESSMENT PROCESS) AND DRAFT BASIC ASSESSMENT REPORT FOR THE PROPOSED DANIELSKUIL SOLAR PV FACILITY WITH ASSOCIATED INFRASTRUCTURE ON ERF 753, A PORTION OF ERF 1 DANIELSKUIL, KGATELOPELE LOCAL MUNICIPALITY, WITHIN THE NORTHERN CAPE PROVINCE

The Department confirms having received the Application for Environmental Authorisation and Draft Basic Assessment Report for the abovementioned project on 30 March 2017. You have submitted these documents to comply with the Environmental Impact Assessment Regulations, 2014.

Please note that you have not completed all the contact details in the application form.

Further note that in terms of Regulation 45 of the EIA Regulations, 2014 this application will lapse if the applicant fails to meet any of the time-frames prescribed in terms of these Regulations, unless an extension has been granted by the Department in terms of Regulation 3(7) of the EIA Regulations, 2014.

You are hereby reminded of Section 24F of the National Environmental Management Act, Act No. 107 of 1998, as amended, that no activity may commence prior to an Environmental Authorisation being granted by the Department.

Yours sincerely

Mr Sabelo Malaza

**Chief Director: Integrated Environmental Authorisations
Department of Environmental Affairs:**

Letter signed by: Ms Azrah Essop

Designation: Environmental Officer Specialised Production: EIA Coordination, Strategic Planning and Support

Date: 31/03/2017

CC	Cornelius Weyers Jansen van Rensburg	Roma Energy Danielskuil (Pty) Ltd	Email: weyers@kerenenergy.com
	G Botha	Northern Cape Department of Environment and Nature Conservation	Email: none provided
	Morgan Atholeng Motswana	Kgatelopele Local Municipality	Email: none provided

Appendix J-4: 2017 EA application form (corrected)



environmental affairs

Department:
Environmental Affairs
REPUBLIC OF SOUTH AFRICA

APPLICATION FORM FOR ENVIRONMENTAL AUTHORISATION

	(For official use only)
File Reference Number:	17/12/16/3/3/1/1751
NEAS Reference Number:	DEA/EIA/
Date Received:	30/03/2017

Application for authorisation in terms of the National Environmental Management Act, 1998 (Act No. 107 of 1998), (the Act) and the Environmental Impact Assessment Regulations, 2014 (the Regulations)

PROJECT TITLE

Proposed Danielskuil Solar Photovoltaic (PV) Facility

Indicate if the **DRAFT** report accompanies the application

Yes

No

Kindly note that:

1. This application form is current as of 1 April 2016. 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. The use of the phrase "not applicable" in the form must be done with circumspection.
5. This application must be handed in at the offices of the National Department of Environmental Affairs where the Minister is the competent authority in respect of the application.
6. No faxed or e-mailed applications will be accepted. An electronic copy (in the form of a CD) of the signed application form must be submitted together with two hardcopies (one of which must contain the original signatures).
7. Unless protected by law, all information filled in on this application form may become public information on receipt by the competent authority.
8. 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 and declaration of interest of the specialist must also be submitted.
9. Proof of payment must accompany this application. The application will not be processed without proof of payment unless one of the exclusions provided for the Fee Regulations (Fees for consideration and processing of applications for environmental authorisations and amendments thereto Government Notice No.141, published on 28 February 2014) is applicable AND such information in section 1 of this application form has been confirmed by this Department.

Departmental Details

The application must be addressed to the Chief Directorate: Integrated Environmental Authorisations at:

Postal address:

Department of Environmental Affairs
Attention: Director: Integrated Environmental Authorisations
Private Bag X447
Pretoria
0001

Physical address:

Department of Environmental Affairs
Attention: Director: Integrated Environmental Authorisations
Environment House
473 Steve Biko Road
Arcadia
Pretoria

Queries must be addressed to the contact below:

E-mail: EIAAdmin@environment.gov.za

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

View the Department's website at [http://www.environment.gov.za/](http://www.environment.gov.za) for the latest version of the documents.

1. PROOF OF PAYMENT

Applicants are required to tick the appropriate box below to indicate that either proof of payment is attached or that, in the applicant's view, an exclusion applies. Proof and a motivation for exclusions must be attached to this application form in **Appendix 1**.

Proof of payment attached as **Appendix 1**

Exclusion applies

An applicant is excluded from paying fees if:

The activity is a community based project funded by a government grant; or
The applicant is an organ of state.

TYPE OF EXCLUSION	Tick where applicable. Proper motivation must be attached to the application
The activity is a community based project funded by a government grant	<input type="checkbox"/>
The applicant is an organ of state	<input type="checkbox"/>

FEE AMOUNT	Fee
Application for an environmental authorisation for which basic assessment is required in terms of the Environmental Impact Assessment Regulations	R2 000 <input checked="" type="checkbox"/>
Application for an environmental authorisation, for which S&EIR is required in terms of the Environmental Impact Assessment Regulations	<input type="checkbox"/>

Department of Environmental Affairs' details for the payment of application fees:

<p>Payment Enquiries: Tel: 012 399 9119 Email: eiafee@environment.gov.za</p> <p>Banking details: ABSA Bank Branch code: 632005 Account number: 1044 2400 72 Current account Reference number : Reference number to be provided in the specific format indicating centre point coordinates of site in decimal degrees to 5 or 6 decimal places: latitude/longitude eg. -33.918861/18.423300</p> <p>Proof of payment must accompany the application form: Indicate reference number below.</p> <p>Tax exemption status: Status: Tax exempted</p>
<p>Reference number: -28.210563/23.555649</p>

2. PROJECT DESCRIPTION

Please provide a detailed description of the project.

Activity Overview

The project is the establishment of an array of crystalline solar photovoltaic (PV) modules grouped into tables or panels of 20 modules each, together with associated infrastructure for the generation of 5MW of electricity. The PV tables would form an array covering an area of 20ha, surrounded by a perimeter fire access road and fence. The PV tables will be raised approximately 500mm above ground level and have single axis tracking systems allowing maximisation of solar energy harvesting for conversion to electrical energy. A similar solar PV array is depicted in Figure 1 below.



Figure 1: Single axis solar PV module tables raised 500mm above ground level

Proposed associated infrastructure includes a fenced construction staging area, a maintenance shed, three inverter-transformer stations on concrete pads, one to two office buildings on the 20ha site, a switch panel for connection to the power grid, as well as about 1,0km of 22kV overhead powerline from the southern section of the PV array and a 22kV powerline connection or tie-in from the proposed development to Eskom's Ouplaas substation which is located near to the proposed development site. Figure 2 below indicates the position of the proposed solar PV array with the nearby Ouplaas substation.

Application Rationale

In March 2011, the Department of Energy's (DoE's) Integrated Resource Plan (IRP) 2010-2030 was promulgated with the aim of providing a long-term, cost-effective strategy to meet the electricity demand in South Africa. The IRP 2010-2030 objectives align with Government's in terms of reliable electricity supply, as well as environmental and social responsibilities and economic policies. The study horizon for the IRP was the period from 2010 to 2030.

The short to medium term intentions of the IRP 2010 -2030 are to ascertain the most cost-effective electricity supply option for the country, speak to the opportunities for investment into new power generation projects and determine security of electricity supply.

The IRP's long-term electricity planning goal is to consider social, technical, environmental and economic constraints, as well as other externalities while ensuring sustainable development in the country.

To this end, within the IRP, the DoE set a target electricity supply of 17.8 GW from renewable energy sources by 2030. This target renewable energy capacity would be produced primarily by solar, wind, biomass and small-scale hydro electricity generation (with the bulk being met by wind and solar energy supplies). In addition, the 2030 target ensures that approximately 42% of the country's total estimated electricity generation capacity would be met by renewable energy sources. This application is in response to the DoE's target and IRP 2010-2030 strategy to expand the South African renewable energy electricity generation capacity.



Figure 2: Position of proposed Danielskuil solar PV development

Activity Description

The proponent, Roma Energy Danielskuil (Pty) Ltd, plans to establish a 'solar farm' which harvests light energy from the sun using solar PV panels and converts the light energy into electrical energy to be fed into the national (Eskom's) electricity grid. The development footprint is an area not exceeding 20ha on Erf. 753, a Portion of Erf.1, Danielskuil, Kgatelopele Local Municipality, Barkley West Registration Division, Northern Cape Province. This solar farm is, in essence, a solar power station which will form part of the country's renewable energy electricity generation capacity. The solar PV farm is proposed to be established on a site located 28°12'38.03"S, 23°33'20.33"E, along the R31 road, near to the town of Danielskuil.

After considering the entire Erf. 753 on a Portion of Erf.1, Danielskuil, the most suitable 20ha portion in terms of solar energy harvest potential, topography, accessibility, tie-in to the Eskom grid and minimisation of environmental impact, was chosen on which to establish the facility. The proposed development is an array of 18540 poly-crystalline solar photovoltaic (PV) modules grouped into tables or panels of 20 modules each. The PV panels form an array within the total footprint area of 20ha, surrounded by a perimeter fire access road and fence. The actual array of PV panels will not completely fill the 20ha footprint which also needs to cater for infrastructural requirements.

As per Figure 1 above, the PV tables will be raised approximately 500mm above ground level and will have single axis tracking systems allowing the generation of approximately 5MW of direct current which will be alternating current. Proposed associated infrastructure to be built on the 20ha footprint site includes a fenced construction staging area, a 3m x 6m maintenance shed, three inverter-transformer stations on concrete pads, a switch panel for connection to the power grid and an office with septic tank ablutions, as well as a 22kV powerline from the development site to connect to Eskom's Ouplaas substation around which the solar PV array is planned to be established.

The powerline feeding into Eskom's Ouplaas substation will be on three-phase subsurface (underground) powerlines to the Ouplaas substation. The maximum generation capacity of the facility is approximately 5MW. Solar PV farms produce electricity in direct current which must be converted into alternating current and transformed into the correct voltage before it can be fed into the national grid. This conversion is done by inverters and transformers which are part of the abovementioned infrastructural development of the project.

Description of Development Phases

Equipment and Material Delivery; Site Preparation:

The proposed development site is accessible from the R31, using secondary roads. PV modules and steel structures will be transported to site using four interlink trucks. The main transformer, one grader and a 20 ton roller will be delivered to site using abnormal load vehicles. In addition to these vehicles, two drill rigs, two 10m³ tipper trucks, six tractors and trailers, one waste transport truck, 8 site bakkies, one water tanker truck, a TLB and a trenching machine will also be used on site.

The area will be graded and levelled using a 20 ton roller. Water spray from the water tanker truck will be used to control excessive dust blow off. About three to four temporary access roads will have to be established on site in addition to the long-term perimeter fence and main access road. The main access road will enable vehicular access to each solar panel system within the site. All roads created as part of the solar facility will be untarred / unpaved.

Construction:

Each drilling machine which will be used for drilling the substructure post holes is equipped with a dust control system. The system extracts the dust away from the hole while drilling using vacuum. The collected dust can then be removed in a controlled manner from the back end of the machine once a certain amount is reached.

Concrete transformer pads for each row of solar panels, a switch panel for connection to the power grid, and a 3m x 6m control shed would be constructed on site

Development of the electrical systems would take place in conjunction with installation of the rest of the structures. In brief terms, it includes electrical cabling and trenching that connects all solar units, collects the energy from them and routes it to a point of connection with the utility infrastructure system.

Approximately 30 people are envisaged to be required during the construction phase, which is expected to last for 6-8 months. Positions will be filled by mostly local labour from the area where possible and are not to be housed onsite.

Operation:

The 5MW solar facility is based on the single axis tracking system for adjustment of the panels or tables carrying the solar PV modules. One of the reasons for selecting this tracking system is the configuration flexibility which facilitates good utilisation of the available land and maximises the "pitch" or distance between tables. This minimises the shading effects tables have on each other. Each table is equipped with a bow or curved component which carries a ring gear. The horizontal shafts have short worm gears which run against the ring gears to effect table adjustment. Tracking of the sun in a single axis solar PV system is usually aligned roughly along the north to south axes. The PV farm tracking system can be operated either automatically or remotely. The tracker adjustment range is -50 to +50 degrees. The pitch between tables would be 6m. The tracker controllers are an integral part of the tracking system and they provide backtracking functionality in order to minimise the effects of shadowing.

Twenty solar polycrystalline PV modules will be grouped together in a panel or table. Each table would carry 20 modules, which would be mounted with the long edges perpendicular to the tracking axis. All 20 modules of a table would be electrically interconnected to form a string.

An array of 309 such tables would be connected to 2 x 1000kVA, 1000V Inverters, the rating being selected to allow for the Reactive Power requirements of the South African Grid Code. The two inverters of each array would be connected to the Low Voltage windings of a common inverter transformer, and the medium voltage windings of these transformers would be rated at 22kV. Grid connection would also be at 22kV, so that no further stepping-up of the voltage is required.

During periods of high wind or when undergoing maintenance, the solar arrays would be shifted to a stand-by mode, where the panels are placed in a horizontal position (facing upward and parallel to the ground).

Approximately 10 workers (7 direct and 3 indirect) are envisaged to be required during the operational phase of the proposed solar development. The lifespan of the development is expected to last for +25 years. Positions will be filled by mostly local labour from the area and are not to be housed onsite.

Maintenance:

Periodic maintenance activities involve replacing non-functioning cells or other mechanical parts

essential to the operation of the arrays. Trips to the solar PV farm to undertake maintenance would occur on an as-needed basis. Maintenance visits may not occur immediately after a module ceases to function or a part becomes damaged – the Project Applicant would determine whether the benefit of the maintenance trip outweighs the cost of that additional trip. It is assumed, however, that maintenance visits would occur four to six times per year. Individuals responsible for maintenance activities would most likely commute from regional offices or nearby operating facilities.

Since sunlight can be absorbed by dust and other impurities on the surface of the photovoltaic panels, washings would periodically be needed. An estimated 1800m³ of water will be required during construction. During operation and maintenance about 2000m³ per year would be required for cleaning the photovoltaic panels. During maintenance waste separation and recycling will take place as per the facilities environmental management programme. Under the original approved application, this water allocation/availability was confirmed in writing by the Kgatelopele Local Municipality for both construction and operation/maintenance.

Decommissioning:

The solar energy facility is expected to have a lifespan of +/-25 years. The facility would only be decommissioned and the site rehabilitated once it has reached the end of its economic life. It would most likely be due to the enhancement of technology/infrastructure in the future of renewable energy.

Note: Throughout all phases of the development lifecycle i.e. site preparation, plant construction, operation, maintenance and final decommissioning, waste management in line with the project's environmental management programme includes waste separation, timely periodic waste removal to registered waste sites and recycling where possible.

Does the project form part of any of the Strategic Infrastructure Projects (SIPs) as described in the National Development Plan, 2011?	YES ✓	NO
--	-------	----

If YES, please indicate which SIPs are applicable in **Appendix 2**. You are also required to provide confirmation of SIP applications from the relevant sector representative which must be attached in **Appendix 2**

Is the project subject to the Integrated Resource Plan 2010 – 2030 (IRP) bidding process?	YES ✓	NO
---	-------	----

Please indicate which sector the project falls under by crossing out the relevant block in the table below:

Table 1

Green economy + "Green" and energy-saving industries	X	Greenfield transformation to urban or industrial form (including mining)
Infrastructure – electricity (generation, transmission & distribution)	X	Biodiversity or sensitive area related activities
Oil and gas		Mining value chain
Biofuels		Potential of metal fabrication capital & transport equipment – arising from large public investments
Nuclear		Boat building
Basic services (local government) – electricity and electrification		Manufacturing – automotive products and components, and medium and heavy commercial vehicles

Basic services (local government) – area lighting	Manufacturing – plastics, pharmaceuticals and chemicals
Infrastructure – transport (ports, rail and road)	Manufacturing – clothing textiles, footwear and leather
Basic services (local government access roads)	Forestry, paper, pulp and furniture
Basic services (local government) – public transport	Business process servicing
Infrastructure – water (bulk and reticulation)	Advanced materials
Basic services (local government) – sanitation	Aerospace
Basic services (local government) – waste management	Basic services (local government) – education
Basic services (local government) water	Basic services (local government) – health
Agricultural value chain + agro-processing (linked to food security and food pricing imperatives)	Basic services (local government) - housing
Infrastructure – information and communication technology	Basic services (local government) security of tenure
Tourism + strengthening linkages between cultural industries and tourism	Other
Basic services (local government) – public open spaces and recreational facilities	

Table 2

Does the listed activity/ies applied for form part of a larger project which is not a listed activity itself e.g. a road that is a listed activity that is needed to access a drilling site where the drilling does not constitute a listed activity.	YES	NO ✓
If indicated yes above, please provide a brief description on how the activity/ies relate to the larger project that forms part there of:		

3. GENERAL INFORMATION

Applicant name:	Roma Energy Danielskuil (Pty) Ltd.	
Registration number (if applicant is a company):	2012/203871/07	
Trading name (if any):	N/A	
BBBEE status	To be determined	
Responsible person name (If the applicant is a company):	Mr. Cornelius Weyers Janse van Rensburg	
Applicant/Responsible person ID number:	7301275062086	
Responsible position, e.g. Director, CEO, etc.:	Appointed company representative	
Physical address:	20 Victoria Link, Route 21 Corporate Park, Irene, Pretoria, 0157	
Postal address:	P.O. Box 73, Somerset Mall, Western Cape	
Postal code:	7137	Cell: 082 631 7496
Telephone:	Not provided	Fax: 086 267 6181
E-mail:	weyers@kerenenergy.com	

Provincial Authority:	Northern Cape Province: Department of Environment and Nature Conservation		
Contact person:	Ms. E. Botes		
Postal address:	Private Bag X6010, Kimberley, Northern Cape		
Postal code:	8306	Cell:	Not provided
Telephone:	053 807 7300	Fax:	086 625 6470
E-mail:	bbotes@gmail.com		

Local municipality:	Kgatelopele Municipality (NC086)		
Contact person:	Mr. Morgan Atiholang Motswana		
Postal address:	P.O. Box 43, Danielskuil, Northern Cape		
Postal code:	8405	Cell:	Not provided
Telephone:	053 3848600	Fax:	053 3840326
E-mail:	mmsec@kgatelopele.gov.za		

In instances where there is more than one local authority involved, please attach a list of those local authorities with their contact details as **Appendix 3**.

Landowner:	Idwala Industrial Holdings (Pty) Ltd.		
Contact person:	Mr. Rakesh Ramthol		
Postal address:	P.O. Box 89, Danielskuil, Northern Cape		
Postal code:	8405	Cell:	082 578 4679
Telephone:	053 3848599	Fax:	053 3840671
E-mail:	ram@idwala.co.za		

In instances where there is more than one landowner, please attach a list of those landowners with their contact details as **Appendix 4**. Unless the application is in respect of linear activities or strategic integrated projects as contemplated in the Infrastructure Development Act, 2014, **written consent** of landowner/s must be submitted in **Appendix 4**.

Identified Competent Authority to consider the application:	National Department of Environmental Affairs
Reason(s) in terms of S24C of NEMA 1998 as amended:	Application is for renewable energy electricity supply into the national Eskom (parastatal) grid and through the Department of Energy, is related to SIPs as described in the National Development Plan, 2011, as well as the IRP bidding process (application formed part of Bid Window 2 of the Renewable Energy Independent Power Producers Procurement Programme).

4. ENVIRONMENTAL ASSESSMENT PRACTITIONER (EAP) INFORMATION

EAP company name:	Enviro Africa CC			
B-BBEE	Contribution level (indicate 1 to 8 or non-compliant)	Level 4	Percentage Procurement recognition	N/A
Professional affiliation/registration:	IAIAsa (Membership Number 219)			
Contact person:	Bernard de Witt			
Company:	Enviro Africa CC			
Physical address:	29 St. James Street, Somerset West, Western Cape, 7130			
Postal address:	P. O. Box 5367, Helderberg, Western Cape			
Postal code:	7135	Cell:	082 448 9991	
Telephone:	021 851 1616	Fax:	086 512 0152	
E-mail:	admin@enviroafrica.co.za			

The appointed EAP must meet the requirements of Regulation 13 of GN R.326, dated April 2017. The declaration of independence of the EAP and undertaking under oath or affirmation that all the information submitted or to be submitted for the purposes of the application is true and correct must be submitted as **Appendix 9**.

5. SITE DESCRIPTION

Provide a detailed description of the site involved in the application.

Province	Northern Cape Province
District Municipality	ZF Mgcawu District Municipality
Local Municipality	Kgatelopele Local Municipality
Ward number(s)	N/A
Nearest town(s)	Danielskuil
Farm name(s) and number(s)	Danielskuil 753
Portion number(s)	1

Surveyor General 21 digit code

(If there are more than 4, please attach a list with the rest of the codes as **Appendix 5**. Where the 21 digit SGID and farm name are not available, the coordinates of the boundary of the property or properties must be provided in **Appendix 5**.)

C	0	0	7	0	0	0	2	0	0	0	0	0	7	5	3	0	0	0	0	0
1		2		3		4		5												
Are there any other applications for Environmental Authorisation on the same property?																	YES	NO		
																		✓		
If YES, please indicate the following:																				
Competent Authority																				
Reference Number																				
Project Name																				
Please provide details of the steps taken to ascertain this information:																				

6. ACTIVITIES TO BE AUTHORISED

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

Detailed description of listed activities associated with the project	
Listed activity as described in GN R 327, 325 and 324	Description of project activity that triggers listed activity
<i>e.g. GN R.327 Item XX(x): The development of bridge exceeding 100 square metres in size within a watercourse</i>	<i>e.g. A bridge measuring 110 square metres will be constructed within the watercourse</i>
GN. R. 327 Item 1(ii): The development of facilities or infrastructure for the generation of electricity from a renewable resource where the output is 10 megawatts (MW) or less but the total extent of the facility covers an area in	The development of a solar photovoltaic array with an electricity output of less than 10MW and with a footprint not exceeding 20ha will be developed on Erf. 753, a Portion of Erf. 1, Danielskuil, within the Kgatelopele Local Municipality, Barkley West Registration Division,

excess of 1 hectare (ha) excluding where such development of facilities or infrastructure is for photovoltaic installations and occurs within an urban area	Northern Cape Province. The development's maximum nameplate electricity generation capacity is 5.75MW with a maximum contracted electricity supply to the national grid of 5MW.
GN. R. 327 Item 27: The clearance of an area of 1ha or more, but less than 20ha of indigenous vegetation	Some clearance on the 20ha site will be required.

Please note that any authorisation that may result from this application will only cover activities specifically applied for. Co-ordinate points indicating the location of each listed activity must be provided with the relevant report (i.e. either BAR or EIR).

Please provide a project map indicating any sensitive areas (e.g. critical biodiversity area, World Heritage Site, etc.) overlaid by the study area in **Appendix 6**.

A project schedule, indicating the different phases and timelines of the project, must be attached as **Appendix 7**.

7. PUBLIC PARTICIPATION

Provide details of the public participation process proposed for the application as required by Regulation 41(2) of GN R326, dated April 2017.

<p>First round of public participation (PP) process:</p> <p>Place advertisement in local newspapers regarding project, availability of copies of DBAR and process to register as an I&AP. Send out notifications to previously registered Interested and Affected Parties (I&APs). Send out notifications and copies of DBAR to Authorities Place A2 posters on site Display and place A3 posters, maildrop letters and copy of DBAR in public facilities (Municipality, Idwala Mine, large retail shops) Display A3 posters at informal settlement entrances / local spaza shops Deliver maildrop letters to neighbouring properties / spaza shops Make copy of DBAR and all associated documents available on Enviro Africa website for public viewing / comment Email, deliver or post copies of any PP documentation to querying I&APs who request them.</p> <p>Update I&AP List.</p> <p>Repeat first round PP process for all registered I&APs for the second round of PP using Final BAR (FBAR).</p> <p>Await DEA EA decision. Inform I&APs of DEA decision when received.</p> <p>Note: Since this is a re-application for a previously granted EA, Enviro Africa CC used the original EA application I&AP list to specifically send all related PP project information to those I&APs previously registered.</p>

8. OTHER AUTHORISATIONS REQUIRED

LEGISLATION	AUTHORISATION REQUIRED		APPLICATION SUBMITTED
SEMA			
National Environmental Management: Air Quality Act	YES	NO ✓	
National Environmental Management: Biodiversity Act	YES	NO ✓	
National Environmental Management: Integrated Coastal	YES	NO ✓	

Management Act				
National Environmental Management: Protected Areas Act	YES	NO ✓		
National Environmental Management: Waste Act	YES	NO ✓		
National legislation				
Mineral Petroleum Development Resources Act	YES	NO ✓		
National Water Act	YES	NO ✓		
National Heritage Resources Act	YES ✓	NO		
Others: Please specify - Land Use Application	YES ✓	NO	YES ✓	NO

If authorisation is necessary in terms of the National Environmental Management: Waste Act, please contact the Department for guidance on the **Integrated Permitting System**.

Note that in terms of sections 7B and 7C of the National Environmental Management: Integrated Coastal Management Act, 2008 (Act No. 24 of 2008) ICMA, a pre-approval for a reclamation application in terms of the ICMA should first be issued by the Minister prior to the submission of a NEMA Chapter 5 EA application to the NEMA competent authority (CA).

9. LIST OF APPENDICES

		SUBMITTED	
Appendix 1	Proof of Payment	YES ✓	NO
Appendix 2	Strategic Infrastructure Projects	YES ✓	N/A
Appendix 3	List of Local Municipalities (with contact details)	YES ✓	N/A
Appendix 4	List of land owners (with contact details) and written consent of land owners.	YES ✓	NO
Appendix 5	List of SGIDs	YES	N/A ✓
Appendix 6	Project map	YES ✓	NO
Appendix 7	Project schedule	YES ✓	N/A
Appendix 8	Declaration of Applicant	YES ✓	NO
Appendix 9	Declaration of EAP and undertaking under oath or affirmation	YES ✓	NO

**APPENDIX 1
PROOF OF PAYMENT/ MOTIVATION FOR EXCLUSION**

Proof of payment for EA application (BAR) attached as page 13-A.



Internet banking
Standard Bank Centre
5 Simmonds Street, Johannesburg,
2001
P.O. Box 7725, Johannesburg, 2000
Telephone: 0860 123 000
International: +27 11 299 4701
Fax: +27 11 631 8550
Website: www.standardbank.co.za

Dear DEA Pretoria Danielskuil

We confirm that the following payment has been made into your account from Bernard:

Reference number	1152834168
Beneficiary name	DEPARTMENT OF ENVIR
Bank name	ABSA BANK
Beneficiary account number	0000001044240072
Beneficiary branch number	63200500
Beneficiary reference	-28.210563/23.555649
Amount	R2000,00
Payment date and time	2017-03-24 08h43

If you need more information or have any questions about this payment, please contact:
Bernard
0824489991

Payments to Standard Bank accounts may take up to one business day to reflect.
Payments to other banks may take up to three business days.
Please check your account to confirm you have received this payment.

Yours sincerely,
The Internet banking team

The Standard Bank of South Africa Limited (Reg. No. 1962/000738/06) Authorised financial services provider and registered credit provider (NCRCP15)

Directors: TS Gcabashe (Chairman) SK Tshabalala* (Chief Executive) A Daehnke* RMW Dunne# G Fraser-Moleketi Shu Gu##### GMB Kennealy BJ Kruger* JH Maree NNA Matyumza KD Moroka ML Oduor-Otieno## AC Parker ANA Peterside CON### MJD Ruck PD Sullivan#### BS Tshabalala JM Vice Wenbin Wang##### EM Woods

Company Secretary: Z Stephen 21/11/2016

*Executive Director #British ##Kenyan ###Nigerian ####Austrian #####Chinese

**APPENDIX 2
STRATEGIC INFRASTRUCTURE PROJECTS**

SIP 1: Unlocking the northern mineral belt with Waterberg as the catalyst

- Unlock mineral resources
- Rail, water pipelines, energy generation and transmission infrastructure
- Thousands of direct jobs across the areas unlocked
- Urban development in Waterberg - first major post-apartheid new urban centre will be a "green" development project
- Rail capacity to Mpumalanga and Richards Bay
- Shift from road to rail in Mpumalanga
- Logistics corridor to connect Mpumalanga and Gauteng.

SIP 2: Durban-Free State-Gauteng logistics and industrial corridor

- Strengthen the logistics and transport corridor between SA's main industrial hubs
- Improve access to Durban's export and import facilities
- Integrate Free State Industrial Strategy activities into the corridor
- New port in Durban
- Aerotropolis around OR Tambo International Airport.

SIP 3: South-Eastern node & corridor development

- New dam at Mzimvubu with irrigation systems
- N2-Wild Coast Highway which improves access into KwaZulu-Natal and national supply chains
- Strengthen economic development in Port Elizabeth through a manganese rail capacity from Northern Cape
- A manganese sinter (Northern Cape) and smelter (Eastern Cape)
- Possible Mthombo refinery (Coega) and transshipment hub at Ngqura and port and rail upgrades to improve industrial capacity and performance of the automotive sector.

SIP 4: Unlocking the economic opportunities in North West Province

- Acceleration of investments in road, rail, bulk water, water treatment and transmission infrastructure
- Enabling reliable supply and basic service delivery
- Facilitate development of mining, agricultural activities and tourism opportunities
- Open up beneficiation opportunities in North West Province.

SIP 5: Saldanha-Northern Cape development corridor

- Integrated rail and port expansion
- Back-of-port industrial capacity (including an IDZ)
- Strengthening maritime support capacity for oil and gas along African West Coast
- Expansion of iron ore mining production and beneficiation.

SIP 6: Integrated municipal infrastructure project

Develop national capacity to assist the 23 least resourced districts (19 million people) to address all the maintenance backlogs and upgrades required in water, electricity and sanitation bulk infrastructure. The road maintenance programme will enhance service delivery capacity thereby impacting positively on the population.

SIP 7: Integrated urban space and public transport programme

Coordinate planning and implementation of public transport, human settlement, economic and social infrastructure and location decisions into sustainable urban settlements connected by densified transport corridors. This will focus on the 12 largest urban centres of the country, including all the metros in South Africa. Significant work is underway on urban transport integration.

<p>SIP 8: Green energy in support of the South African economy Support sustainable green energy initiatives on a national scale through a diverse range of clean energy options as envisaged in the Integrated Resource Plan (IRP2010) and support bio-fuel production facilities.</p> <p><i>Indicate capacity in MW: 5MW</i></p>	✓
<p>SIP 9: Electricity generation to support socioeconomic development Accelerate the construction of new electricity generation capacity in accordance with the IRP2010 to meet the needs of the economy and address historical imbalances. Monitor implementation of major projects such as new power stations: Medupi, Kusile and Ingula.</p> <p><i>Indicate capacity in MW: 5MW</i></p>	✓
<p>SIP 10: Electricity transmission and distribution for all Expand the transmission and distribution network to address historical imbalances, provide access to electricity for all and support economic development. Align the 10-year transmission plan, the services backlog, the national broadband roll-out and the freight rail line development to leverage off regulatory approvals, supply chain and project development capacity.</p>	
<p>SIP 11: Agri-logistics and rural infrastructure Improve investment in agricultural and rural infrastructure that supports expansion of production and employment, small-scale farming and rural development, including facilities for storage (silos, fresh-produce facilities, packing houses); transport links to main networks (rural roads, branch train-line, ports), fencing of farms, irrigation schemes to poor areas, improved R&D on rural issues (including expansion of agricultural colleges), processing facilities (abattoirs, dairy infrastructure), aquaculture incubation schemes and rural tourism infrastructure.</p>	
<p>SIP 12: Revitalisation of public hospitals and other health facilities Build and refurbish hospitals, other public health facilities and revamp 122 nursing colleges. Extensive capital expenditure to prepare the public healthcare system to meet the requirements of the National Health Insurance (NHI) system. The SIP contains major builds for 6 hospitals.</p>	
<p>SIP 13: National school build programme A national school build programme driven by uniformity in planning, procurement, contract management and provision of basic services. Replace inappropriate school structures and address basic service backlog and provision of basic services under the Accelerated School Infrastructure Delivery Initiative (ASIDI). In addition, address national backlogs in classrooms, libraries, computer labs and admin buildings. Improving the learning environment will strengthen outcomes especially in rural schools, as well as reduce overcrowding.</p>	
<p>SIP 14: Higher education infrastructure Infrastructure development for higher education, focusing on lecture rooms, student accommodation, libraries and laboratories, as well as ICT connectivity. Development of university towns with a combination of facilities from residence, retail to recreation and transport. Potential to ensure shared infrastructure such as libraries by universities, FETs and other educational institutions. Two new universities will be built - in Northern Cape and Mpumalanga.</p>	
<p>SIP 15: Expanding access to communication technology Provide for broadband coverage to all households by 2020 by establishing core Points of Presence (POPs) in district municipalities, extend new Infracore fibre networks across provinces linking districts, establish POPs and fibre connectivity at local level, and further penetrate the network into deep rural areas. While the private sector will invest in ICT infrastructure for urban and corporate networks, government will co-invest for township and rural access, as well as for e-government, school and health connectivity. The school roll-out focus is initially on the 125 Dinaledi (science and maths-focussed) schools and</p>	

1525 district schools. Part of digital access to all South Africans includes TV migration nationally from analogue to digital broadcasting.

SIP 16: SKA & Meerkat

SKA is a global mega-science project, building an advanced radio-telescope facility linked to research infrastructure and high-speed ICT capacity and provides an opportunity for Africa and South Africa to contribute towards global advanced science projects.

SIP 17: Regional Integration for African cooperation and development

Participate in mutually beneficial infrastructure projects to unlock long-term socio-economic benefits by partnering with fast growing African economies with projected growth ranging between 3% and 10%.

The projects involving transport, water and energy also provide competitively-priced, diversified, short and medium to long-term options for the South African economy where, for example, electricity transmission in Mozambique (Cesul) could assist in providing cheap, clean power in the short-term whilst Grand Inga in the DRC is long-term.

All these projects complement the Free Trade Area (FTA) discussions to create a market of 600 million people in South, Central and East Africa.

SIP 18: Water and sanitation infrastructure

A 10-year plan to address the estimated backlog of adequate water to supply 1.4m households and 2.1m households to basic sanitation.

The project will involve provision of sustainable supply of water to meet social needs and support economic growth. Projects will provide for new infrastructure, rehabilitation and upgrading of existing infrastructure, as well as improve management of water infrastructure.

Note: The proposed renewable energy solar PV development will contribute directly to SIP 8 and indirectly to SIP 9 i.e. Green Energy in support of the South African economy and Electricity Generation to support socio-economic development, respectively.

The applicant was part of the Department of Energy's Bid Window 2 under SIP 8 and was awarded the bid and appointed as Preferred Bidder as per attached pages 16-A to 16-K, below.



energy

Department:
Energy
REPUBLIC OF SOUTH AFRICA

To: Roma Energy Danielskuil (Pty) Ltd

PER EMAIL

Dear Sir / Madam

THE REPUBLIC OF SOUTH AFRICA - DEPARTMENT OF ENERGY

TENDER NO: DOE/004/13/14

**FOR: NEW POWER GENERATION FACILITIES UNDER THE SMALL PROJECTS
IPP PROCUREMENT PROGRAMME**

1. The Department refers to the Request for Qualification and Proposals for New Generation Capacity under the Small IPP Procurement Programme dated 21 August 2013 and all associated Briefing Notes issued in terms thereof, under tender number DOE/004/13/14 ("RFP"); and to your Bid Response submitted on 14 June 2016 for the Second Stage 2 Bid Submission Phase, as well as your response to the clarification questions issued to you on 1 July 2016.
2. Capitalised terms used in this letter shall bear the meanings given to them in the RFP, unless they are separately defined in this letter or the context dictates otherwise.
3. **Appointment as a Preferred Bidder**
 - 3.1 Following the evaluation of the Bid Responses submitted on the Second Stage Two Submission Date, the Department wishes to inform you that it has selected Roma Energy Danielskuil (Pty) Ltd as a Preferred Bidder in respect of its 5.00 MW Danielskuil Solar Facility, located in the Northern Cape, for the


16-A

supply of Solar Photovoltaic Renewable Energy to Eskom Holdings SOC Limited.

- 3.2 Accordingly, the Department hereby notifies Roma Energy Danielskull (Pty) Ltd of its appointment as a Preferred Bidder, in respect of the Second Stage Two Bid Submission Phase of the Small Projects IPP Procurement Programme. It is noted that the Project will be 100% funded by Debt and that accordingly no Shareholders will be providing any Equity Finance contributions; therefore Roma Energy Danielskull (Pty) Ltd is appointed as a Preferred Bidder on the basis that the Expected Equity Value, as defined in the Implementation Agreement, will be NIL, as it is Incalculable in terms of Clause 12.2.4.2.
- 3.3 In order for the appointment of Roma Energy Danielskull (Pty) Ltd as a Preferred Bidder to take effect, this letter must be returned to the Project Officer, counter-signed by the duly authorised representative of Roma Energy Danielskull (Pty) Ltd, by no later than close of business on the 10th (tenth) Business Day after the date of receipt of this letter.
- 3.4 We draw your attention to the provisions of the RFP which continue to apply to Roma Energy Danielskull (Pty) Ltd as a Preferred Bidder, notwithstanding anything contained in the Bid Response of Roma Energy Danielskull (Pty) Ltd.
- 3.5 In particular, the Department wishes to confirm that:
- 3.5.1 In terms of paragraph 5.1.71 of Part A of the RFP, the terms of the draft PPA, Implementation Agreement, Direct Agreement, the Connection Agreements and the Connection Direct Agreement issued with the RFP ("Transaction Agreements") are not negotiable, notwithstanding anything stated by any Member, Lender, Contractor or other participant in Roma Energy Danielskull (Pty) Ltd's Bid Response. In addition, Roma Energy Danielskull (Pty) Ltd, its Members, Lenders, Contractors and any other participant in Roma Energy Danielskull (Pty) Ltd's Bid Response, may not raise any comments in respect of or negotiate any of the terms of the Transaction Agreements, save for any comments to address errors or to provide information to the Department to enable it to prepare execution versions of your Transaction Agreements;
- 3.5.2 the execution versions of the Transaction Agreements will be provided

to you by the Department on the basis of the Information supplied by Roma Energy Danielskull (Pty) Ltd in its Bid Response, and shall be the basis upon which Roma Energy Danielskull (Pty) Ltd shall finalise its Project to reach Financial Close. In particular, please note that the schedules to the PPA submitted by Roma Energy Danielskull (Pty) Ltd in its Bid Response (pursuant to paragraph 2.2.3.1.4 of Part C of the RFP), will be used by the Department to populate and finalise the PPA prior to Financial Close. The Department accepts no responsibility and assumes no risk for delays which may be occasioned as a result of incorrect or incomplete information provided by Roma Energy Danielskull (Pty) Ltd in its Bid Response;

- 3.5.3 the Department's right to call on Roma Energy Danielskull (Pty) Ltd's Preferred Bidder Guarantee in terms of and in the circumstances set out in paragraph 23.3 of Part A of the RFP, is in no way limited by or subject to any of the conditions contained in the letters of support and/or term sheets submitted by the Lenders, providers of Equity Finance and or Corporate Finance. Therefore, notwithstanding all or any of the conditions to the provision of External Debt, Equity Finance or Corporate Finance imposed by relevant financier in the Bid Response the Department reserves fully its right to call on Roma Energy Danielskull (Pty) Ltd's Preferred Bidder Guarantee in the event that Roma Energy Danielskull (Pty) Ltd fails to reach Financial Close within the time period specified;
- 3.5.4 Roma Energy Danielskull (Pty) Ltd is reminded that the Department anticipates that Financial Close is estimated to be within twelve months from the time of announcement and that Roma Energy Danielskull (Pty) Ltd is required to meet any such timelines as may be determined by the Department;
- 3.5.5 there will be no upward movement in your Price at Financial Close, with the sole exception of an adjustment for foreign exchange rate movements, if applicable and subject to the limits provided for in paragraph 3.5.1.1 of Volume 4 of the RFP, read with Roma Energy Danielskull (Pty) Ltd's Bid Response;

- 3.5.6 there will be no upward movement in equity IRR as a result of a movement in foreign exchange rates at Financial Close against the benchmark rates set out in Briefing Note 9;
- 3.5.7 if the foreign exchange rate at Financial Close is below the benchmark rates set out in Briefing Note 9, then the Price shall be reduced appropriately to take into account the lower foreign exchange rates;
- 3.5.8 subject to clauses 3.5.5, 3.5.6 and 3.5.7 above, any changes to the Financial Model and or the Price resulting from fluctuation in foreign exchange rates must be disclosed to, agreed with and effected in conjunction with the Department;
- 3.5.9 In terms of paragraph 23.4 of Part A of the RFP, the Project Company will pay a Development Fee calculated as R230 000 per MW of the Contracted Capacity for your Project, within 10 Business Days of the date of signature of the Implementation Agreement, failing which the Department may call Roma Energy Danieleskull (Pty) Ltd's Preferred Bidder Guarantee;
- 3.5.10 Roma Energy Danieleskull (Pty) Ltd's attention is drawn to the warranties relating to Success Payments in clauses 23.1.14 and 23.1.15 of the Implementation Agreement;
- 3.5.11 any costs relating to interest rate and/or foreign exchange hedging are at Roma Energy Danieleskull (Pty) Ltd's risk and there will be no subsequent impact on Price;
- 3.5.12 tax and accounting assumptions are a Preferred Bidder's risk and accordingly, there will be no impact on Price as a result of the adoption of an alternative tax or accounting treatment to that included within the Financial Model submitted as part of the Bid Responses;
- 3.5.13 as indicated in paragraph 3.1.6 of Part D of the RFP, the commitments reflected in the Economic Development Scorecard will be migrated to the relevant portions of Schedule 2 to the Implementation Agreement (*Economic Development Obligations*); and
- 3.5.14 as indicated in paragraph 52.7 of Part A of the RFP, the Department reserves the right to seek additional information from Roma Energy

Danielskull (Pty) Ltd in respect of its Bid Response as the Department may, in its sole discretion, determine, whether such information has been requested under this RFP or otherwise, and may, amongst other things, require the Bidder to provide the Department with supplementary information in respect of its Bid Response, if so required by the Department.

- 3.6 In order to ensure that the requirements of Regulation 9 of the Electricity Regulations on New Generation Capacity of 2011 are satisfied in respect of the Project, the Department reserves the right to negotiate with Roma Energy Danielskull (Pty) Ltd, and the appointment of Roma Energy Danielskull (Pty) Ltd as a Preferred Bidder is subject to the Department negotiating with it on whether the Project achieves value for money for the Government and the electricity consumer, as contemplated in paragraph 5.1.6 of Part A of the RFP.
- 3.7 The appointment of Roma Energy Danielskull (Pty) Ltd as a Preferred Bidder is also subject to Roma Energy Danielskull (Pty) Ltd demonstrating, pursuant to and in accordance with paragraph 13 of Part A of the RFP, to the satisfaction of the Department, that the application for all Land Use Consents and Environmental Consents required for Roma Energy Danielskull (Pty) Ltd's proposed Facility to be lawfully developed, connected to a Distribution System or Transmission System and Operated in accordance with the PPA, has been made and has progressed sufficiently so as not to delay Financial Close. The Department will communicate further with Roma Energy Danielskull (Pty) Ltd regarding the documentation and/or information that it requires pursuant to paragraph 13 of Part A of the RFP in due course. The Department shall be entitled, in its sole discretion, to terminate Roma Energy Danielskull (Pty) Ltd's status as a Preferred Bidder if Roma Energy Danielskull (Pty) Ltd fails to timely comply with a request for documentation and/or information pursuant to paragraph 13 of Part A of the RFP, or fails to satisfy the Department that all applications contemplated in that paragraph have been made and have progressed sufficiently so as not to delay Financial Close.
- 3.8 Should Roma Energy Danielskull (Pty) Ltd fail to act in accordance with the requirements set out in clauses 3.5, 3.6 and 3.7 above at any time, the Department reserves the right to terminate the appointment of Roma Energy Danielskull (Pty) Ltd as a Preferred Bidder, and to call its Preferred Bidder Guarantee.



- 3.9 For purposes of finalising and executing the PPA, the Department will apply the Preferred Bidder's fully indexed Price.

4. Preferred Bidder Guarantee

In terms of paragraph 23.1 of Part A of the RFP, in order for Roma Energy Danielskuil (Pty) Ltd to continue in the Small Projects IPP Procurement Programme as a Preferred Bidder, Roma Energy Danielskuil (Pty) Ltd is required to lodge a Preferred Bidder Guarantee (in the form provided in Schedule 26 of Volume 1, Part 2 of the RFP) with the Department in an amount equal to R75 000.00 (Seventy Five Thousand Rands) within 15 Business Days of receipt of this letter. Should Roma Energy Danielskuil (Pty) Ltd fail to provide the Preferred Bidder Guarantee in accordance with the requirements in this clause 4, the Department reserves the right to terminate the appointment of Roma Energy Danielskuil (Pty) Ltd as a Preferred Bidder.

5. Proof of Application for Generation Licence

In accordance with paragraph 18.3 of Part A of the RFP, Roma Energy Danielskuil (Pty) Ltd is required to submit evidence to the Department that its generation licence application, together with all the required supporting documentation, has been submitted to and received by NERSA within 14 days of being appointed as Preferred Bidder. The period of 14 days commences on the date on which this letter is returned to the Project Officer, counter-signed by the duly authorised representative of Roma Energy Danielskuil (Pty) Ltd, as contemplated in clause 3.3 above. Should Roma Energy Danielskuil (Pty) Ltd fail to act in accordance with this clause 5, the Department reserves the right to terminate the appointment of Roma Energy Danielskuil (Pty) Ltd as a Preferred Bidder.

6. Eskom Confirmation

As a condition to the obtaining of Eskom Board approval of the PPA to be concluded between the Project Company and Eskom Holdings SOC Limited, Roma Energy Danielskuil (Pty) Ltd is required to complete the letter attached hereto as Annexure A (*Confirmation regarding interests in Eskom Holdings SOC Limited*), confirming both its and its Members' interests in relation to Eskom Holdings SOC Limited. This letter must be returned to the Project Officer, signed by the duly authorised representative of the Project Company, by no later than close of business on the 10th (tenth) Business Day after the date of receipt of this letter.



7. Payment of budget quote fee

As indicated in paragraph 10 (Timetable for Small IPP Procurement Programme) of Part A of the RFP, Roma Energy Danielskuil (Pty) Ltd is required to apply for a budget quotation from the Grid Provider and to pay the relevant budget quotation fee within 14 days of being appointed as Preferred Bidder. The period of 14 days commences on the date on which this letter is returned to the Project Officer, counter-signed by the duly authorised representative of Roma Energy Danielskuil (Pty) Ltd, as contemplated in clause 3.3 above. Roma Energy Danielskuil (Pty) Ltd is required to submit evidence to the Department that it has applied for a budget quote and has paid the budget quotation fee within this 14 day period. Failure to comply with this requirement will entitle the Department to terminate the appointment of Roma Energy Danielskuil (Pty) Ltd as a Preferred Bidder, and to call its Preferred Bidder Guarantee.

8. Change Requests

- 8.1 The Department draws your attention to paragraphs 19.3 to 19.7 (inclusive) of Part A of the RFP in respect of changes to any aspect of a Bid Response of a Preferred Bidder.
- 8.2 As indicated in paragraph 19.3 of Part A of the RFP, Roma Energy Danielskuil (Pty) Ltd is not permitted to change any aspect of its Bid Response without the prior written approval of the Department.
9. We look forward to the successful conclusion of your Project and to those interactions with Roma Energy Danielskuil (Pty) Ltd that are necessary, and contemplated by the RFP, for that purpose. Please note that the Department may wish to engage with you about achieving early Financial Close.

10. Please confirm the appointment of Roma Energy Danielskull (Pty) Ltd as a Preferred Bidder on the terms and conditions of this letter by having a copy of it signed and returned to the Project Officer, in accordance with clause 3.3 above.

11. Yours faithfully



Director-General: Department of Energy

Date: 08/12/16



16-H

Roma Energy Danielskuil (Pty) Ltd hereby accepts its appointment as a Preferred Bidder in respect of the Second Stage Two Submission Phase of the Small IPP Procurement Programme, and confirms its acceptance of the terms and conditions of this letter.



Signature of duly authorised
representative of Roma Energy
Danielskuil (Pty) Ltd

17/01/2017
Date

FRETZ EKSTEEN

Name

DIRECTOR

Designation

ANNEXURE A

CONFIRMATION REGARDING INTEREST IN ESKOM HOLDINGS SOC LIMITED

Date: 16 January 2017

Department of Energy
192 Visagie Street (corner Visagie Street and Paul Kruger Street)
Pretoria
0001
South Africa

THE REPUBLIC OF SOUTH AFRICA – DEPARTMENT OF ENERGY

TENDER NO: DOE/004/13/14

FOR: NEW POWER GENERATION FACILITIES UNDER THE SMALL IPP PROCUREMENT PROGRAMME

Dear Sirs

1. Being duly authorised to represent and act on behalf of Roma Energy Danielskuil (Pty) Ltd (the "Preferred Bidder"), hereby confirms the following:

1.1. No director of the Preferred Bidder is currently, nor will be at the time of signature of the PPA, a director of Eskom Holdings SOC Limited or any of its subsidiary companies, other than as detailed below:


1.1.1. None

1.2. No director of any Member of the of the Preferred Bidder is currently, nor will be at the time of signature of the PPA, a director of Eskom Holdings SOC Limited or any of its subsidiary companies, other than detailed below:

1.2.1. None

1.3. No director of Eskom Holdings SOC Limited nor any of its subsidiary companies currently have, nor will have at the time of signature of the PPA, a direct or indirect interest in the Preferred Bidder, other than as detailed below:

1.3.1. None


16-J

SP_PV_0048_002
Solar Photovoltaic
Second Stage Two Bid Submission date

Yours faithfully,

Signed:  _____

Name: FRETZ EKSTEEN.

For and on behalf of Roma Energy Danielskui (Pty) Ltd

**APPENDIX 3 (IF APPLICABLE)
LIST OF LOCAL MUNICIPALITIES**

There is only one Local Municipality i.e. Kgatelopele Local Municipality, Barkley West Registration Division, Northern Cape Province involved in this application (contact details provided in application form above).

Municipality details (including Ward Councillor where available) as used in first round of public participation process, attached as page 17-A, below. Municipality details highlighted in yellow.

PUBLIC PARTICIPATION PROCESS

I&AP List for: **Danielskuil Solar PV Facility**

DEA Ref: 14/12/16/3/3/1/1751 (New Application Number)

First public participation period ended 10 April 2017 (Newspaper advert placed: 2 March 2017)

Second public participation period ended 20 July 2017 (Newspaper advert placed: 14 June 2017)

No.	Title	Initials/Name	Surname	Affiliation	Postal Address	Town/City	Code	Telephone	Fax	E-mail
1. Applicant										
1.1	Mr	C. W.	Janse v Renburg	Roma Energy Danielskuil (Pty) Ltd	P. O. Box 73	Somerset West	7137	062 631 7496	062 267 6181	wevers@kervenenergy.com
2. Property/Land Owners										
2.1	Mr	Rakesh	Ramthol	Idwala Industrial Holdings (Pty) Ltd	P. O. Box 89	Danielskuil	8405	053 384 8599	053 384 0671	ram@idwala.co.za
3. Municipality										
3.1	Mr	Morgan Aitholang	Motswana	Kgatelopele Municipality (NC066)	P. O. Box 43	Danielskuil	8405	053 384 8600	053 384 0326	mimsec@kgatelopele.gov.za
3.2	Mr.	E.	Ntoba	ZF Mgcawu District Municipality	Chr. Hill and Le Roux Street	Upington	8901	054 337 2800	054 337 2888	admin@zfm-du.gov.za
3.3	Mr.	W. J. J.	de Bruyn	Sustainable Resource Management Directorate, Frances Baard District	Warrenton Road	Jan Kempdorp	8550	067 630 0300	066 771 8713	wdebruyn@ncdp.gov.za
4. Municipal Ward Councillors										
4.1	Clr	E	Sulliman	Kgatelopele Municipality (NC066)	P. O. Box 43	Danielskuil	8405	053 384 8600	053 384 0326	
5. State Organisations										
5.1	Ms	Elisabeth	Botes	Act. Head of Dept - Dept. Environmental and Nature Conservation NC	Private Bag X6010	Kimberley	8306	053 807 7300	053 807 7328	bivates@gnmail.com
5.2	Mr	W. V. D.	Mothibi	Head of Dept. - NC Dept. of Agriculture, Land Reform and Rural Development, Attention: W de Bruyn	Private Bag X5018 or 162 George Street	Kimberley	8300	053 838 9100	053 891 4685/3635	wdebruyn@ncdp.gov.za
5.3	Mr	Mashudu	Ramwedzi	Dept. of Water Affairs - Northern Cape	Private Bag x6101	Kimberley	8300	053 835 7600	053 831 4534	
5.4	Mr	Glen	Stenekamp	Dept. of Water - Northern Cape	28 Central Road, Beaconfield	Kimberley	8300	053 836 7600 ext 519	053 842 3258	
5.5	Mr	Francois	Retief	Bakom North West Region	120 Henry Street, Westdene	Bloemfontein	9301	051 404 2501		
5.6	Mr	Kevin	Lezak	Eskom	P. O. Box 1091	Johannesburg	2001	072-888-9209		
5.7	Ms	Schabiso	Mohaphi	Dept. of Energy Cooperative Governance, Irrigation Settlements and Rehabilitation Affairs	Private Bag X6093	Kimberley	8300	053 835 4000	066 562 7065	
5.8	Ms	G.	Botha	South African Civilian Aviation Authority	Private Bag X5005	Kimberley	8300	053 830 9422	053 831 4308	
5.9	Ms	Lizell	Stroh	Social Development	Private Bag X73	Halfway House	1685	011 545 1232	011 545 1451	stroh@caa.co.za
5.10	Ms	E.	Botes	Dept. of Transport, Roads & Public Works	Private Bag X5042	Kimberley	8300	053 874 9100	053 871 1062	
5.11	Mr	Kevin	Nogwili	Dept. of Transport, Roads & Public Works	P. O. Box 3132	Kimberley	8301	053 839 2100	053 839 2291	
5.12	Thobela	Dikeni		Northern Cape Economic Development, Trade and Investment Promotion Agency (NCEDA)	2nd Floor, Templar Court Building, Bean Street	Kimberley	8301	053 833 1503	053 833 1390	
5.13	Mrs	H.	Sanson	Northern Cape - Economic Development and Tourism	Private Bag x6108	Kimberley	8300	053 839 4000	053 832 6605	
5.14	Ms	Annaliza	Collett	Dept. of Agriculture, Forestry and Fisheries	Private Bag X120	Pretoria	0001	012 319 7508	012 329 5938	Annaliza@nda.agric.za
5.15	Mr	J.	Mans	Dept. of Agriculture, Forestry and Fisheries	P. O. Box 2782	Upington	8800	054 335 5909	054 334 0030	jcolina@maf.gov.za
5.16	Colene	Runkel		SAINRAL	P/Bag X 19	Bellville	7535			
5.17	Lizell	Wolfe		Dept.: Transport, Safety and Liaison	Private Bag X1368, Southley Chambers, Southley Street,	Kimberley	8300	053 839 1700	053 839 1773	
5.18	The Director-	General		Dept. of Environmental Affairs (National)	Private Bag X447	Pretoria	0001	086 111 2468 /012 399 9008	012 359 3625	calcentre@environment.gov.za
6. Neighbours										
Maildrops placed at spaza shops and poster displayed at spaza shop and entrance to settlement										
6.1	Informal Settlements			General Manager, Idwala Lime - Danielskuil (Personal assistant: Annette Coetzee)	P. O. Box 89	Danielskuil	8405	053 384 8599, 083 252 0343	053 384 0671	swa@idwala.co.za
6.2	Mr	Jaco	Swanepoel	Environmental Practitioner, Idwala Lime - Danielskuil	P. O. Box 89	Danielskuil	8405	053 384 8473, 082 780 4214	053 384 0671	
6.3	Ms	Irene	van Hysteen	Environmental Practitioner, Idwala Industrial Holdings Ltd	Industrial Area	Danielskuil	8405	053 384 8466, 082 340 7809	053 384 0659	mme@idwala.co.za
6.4	Ms	Nuku	Malcheita	SHEQ Superintendent, Idwala Industrial Holdings Ltd	Industrial Area	Danielskuil	8405			mme@idwala.co.za
7. Other										
7.1	Ms	Anna	Strauss	Kalahari Bulletin SKA Africa	Park Road	Pinelands		054 331 3482	066 271 3300	astraus@volksblad.com
7.2	The							021 506 7300	021 506 7375	

**APPENDIX 4
LIST OF LAND OWNERS
WRITTEN CONSENT OF LAND OWNERS**

There is only one Land Owner i.e. Idwala Industrial Holdings (Pty) Ltd, involved in this application. Written consent of land owner's form attached as per page 18-A, below.

OWNER OF REGISTERED PROPERTY'S CONSENT

CONSENT TO CONTINUE WITH THE PLANNING AND APPLICATION TO OBTAIN THE NECESSARY APPROVALS FOR THE ENVIRONMENTAL IMPACT ASSESSMENT AND OTHER APPLICATIONS FOR THE DEVELOPMENT OF THE PROPOSED

5 MW SOLAR PROJECT WITH SOLAR PHOTOVOLTAIC (PV) TECHNOLOGY BY THE COMPANY ROMA ENERGY DANIELSKUIL (PTY) LTD ON THE PROPERTY DESCRIBED AS ERF 753, (PORTION OF ERF1) DANIELSKUIL, IN THE KGATELOPELE MUNICIPALITY (NC086), BARKLY WEST REGISTRATION DIVISION, NORTHERN CAPE PROVINCE. CO-ORDINATES IN THE CENTRE OF THE AREA BELOW.

This serves to confirm that I, Rakesh Ramthol, acting for and on behalf of IDWALA INDUSTRIAL HOLDINGS (PTY) LTD and hereafter referred to as the "Property Owner", hereby consent to continue with the planning and application to obtain the necessary approvals for the Environmental Impact Assessment and other applications for the development of the proposed:

5 MW SOLAR PROJECT WITH SOLAR PHOTOVOLTAIC (PV) TECHNOLOGY BY THE COMPANY ROMA ENERGY DANIELSKUIL (PTY) LTD ON THE PROPERTY DESCRIBED AS ERF 753, (PORTION OF ERF1) DANIELSKUIL, IN THE KGATELOPELE MUNICIPALITY (NC086), BARKLY WEST REGISTRATION DIVISION, NORTHERN CAPE PROVINCE. CO-ORDINATES IN THE CENTRE OF THE AREA BELOW.

Co-ordinates of the property: 28°12'35.616" S 23°33'35.430" E

This consent is for the investigation and to undertake the activity/ies on the property necessary for the approval of the Environmental Impact Assessment and applications for the proposed development and is subject to the signing of a final agreement between the parties, the Owner, the applicant as well as the necessary environmental approvals.

Name of the Property/Farm: PORTION 4 of the Farm Ouplaas 304

Registered name and number of the property: ERF 753, (PORTION OF ERF1) DANIELSKUIL,

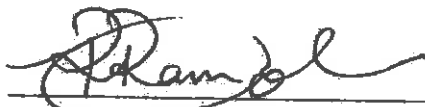
Owner's Address: Postbus 89, Danielskuil 8405

Owner's telephone No: 082 5784679

Owner's e-mail address: ram@idwala.co.za

SIGNED:

Date: 13/06/2017



Duly Authorised

Witness

**APPENDIX 5 (IF APPLICABLE)
LIST OF SGIDS / COORDINATES OF THE BOUNDARY OF THE PROPERTY OR PROPERTIES
(WHERE SGID AND FARM NAME ARE NOT AVAILABLE)**

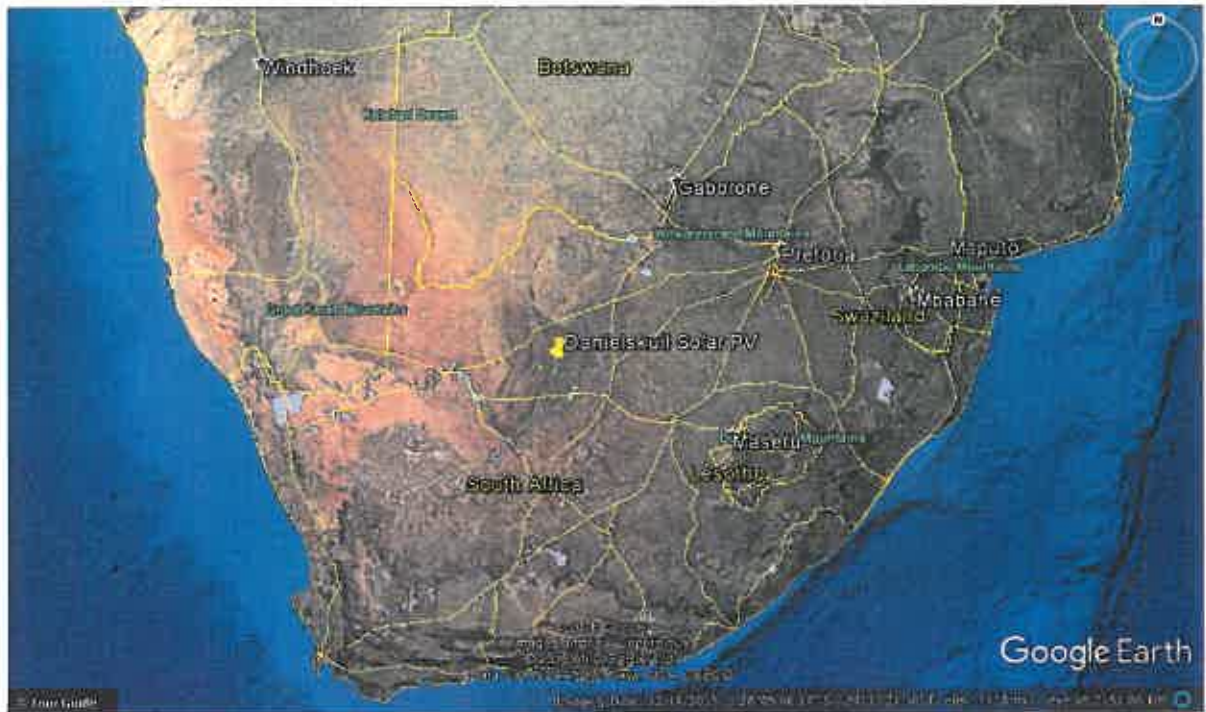
There is only one SGID related to this application (details provided in application form above).

**APPENDIX 6
PROJECT MAP**

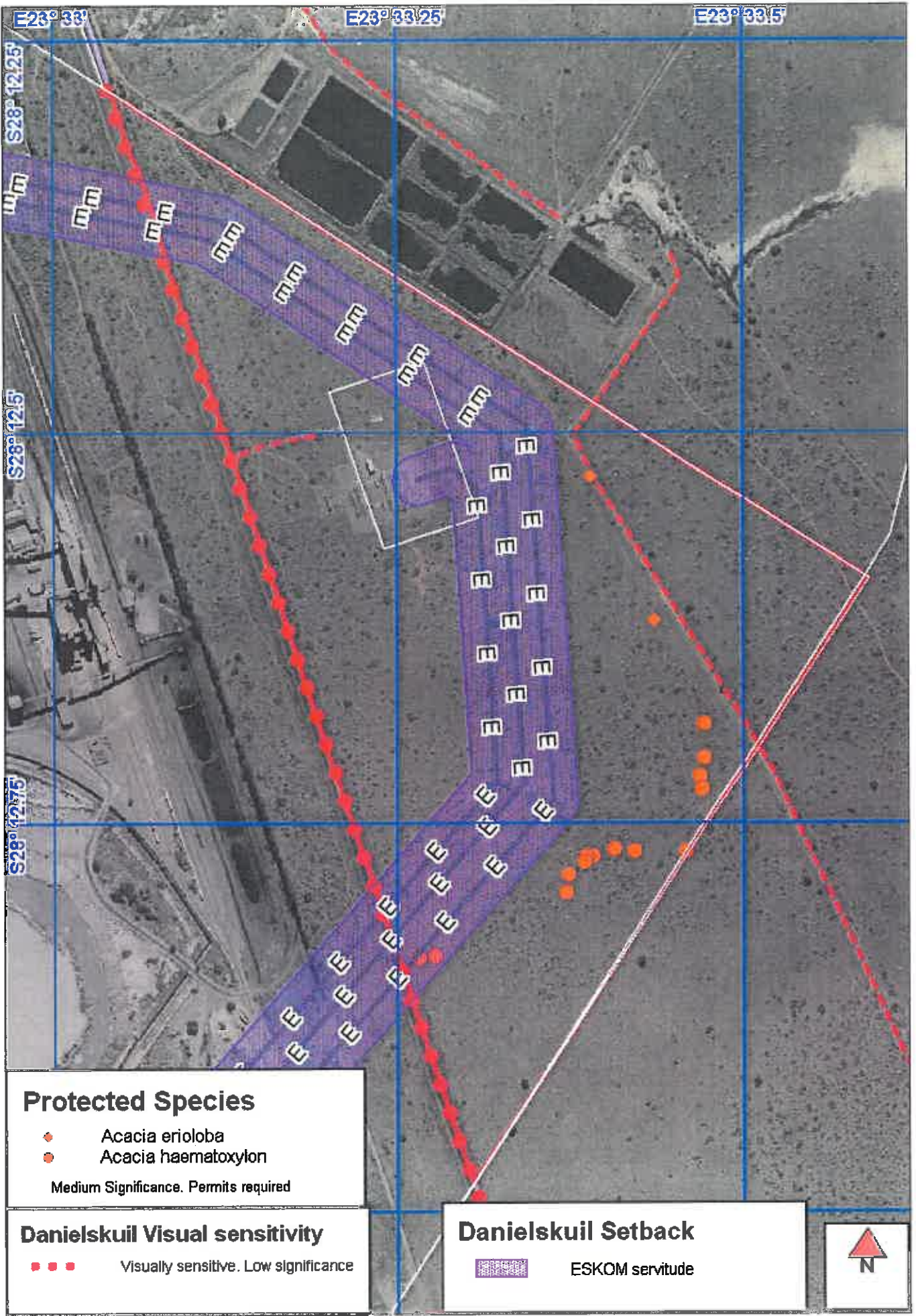
Project maps included as per pages 20-A and 20-B.

Sensitivity map overlaid by the study area included as per page 20-C.

Appendix 6: Project Map







Danielskuil Solar site: Sensitivity Map

**APPENDIX 7
PROJECT SCHEDULE**

Environmental Authorisation (EA) re-application project plan attached as page 21-A.
Proposed solar PV facility development original project phases and plan attached as page 21-B and 21-C (plan indicates original successful EA application timelines).

**2017 Environmental Impact Assessment Process Project Plan:
Roma and Keren Energy Northern Cape Solar PV Facilities**

No.	Action	Initial Target Date	Revised Target Date [#]
1	Clarification meeting with client re. 2016 meeting with National Department of Environmental Affairs (DEA) and change in technical scope	10 February	
2	Appointment of specialists for revised Basic Assessment Report (BAR) assessments	15 February	
3	Compile and finalise Draft BAR (DBAR) using original specialist assessments and environmental authorisation (EA) reference numbers	20 February - 03 March	
4	Site visits for reassessment	06 - 09 March	
5	First round of public participation (PP) starts with issuing of DBAR	10 March	
6	Compile of updated I&AP list and formally respond to PP comments and queries	10 March - 13 April	
7	Start compiling post-application/Final BAR and environmental management programme (EMPr)	13 April - 12 May	
8	Urgent completion of EA application form (change in planned application form submission date of 07 April 2017 after communication with DEA office on 17 March 2017)	17 - 24 March	
9	Received project reference number from DEA	31 March	
10	First round of PP with DBAR ends	10 April	
11	Compile / finalise post-application BAR with EMPr using revised/updated specialist assessments and environmental authorisation (EA) reference numbers.	12 April	
12	Respond to government comments on DBAR and application (need addendum to soil specialist reports particularly for Danielskuil). Capture comments and responses in trail report.	05 April - 12 May	
13	Finalise post-application BAR and EMPr using revised/updated specialist assessments	19 May - 5 June	
14	All specialist reports/updated addendums received.		22 May - 9 June
15	Notify DEA of 140 days hand in period due to revised specialist reports		26 May
16	Second round of PP with issue of post-application BAR to registered I&APs starts	21 April	20 June
17	Second round of PP ends	26 May	20 July
18	Communication with DEA re. PP comments and FBAR issue	31 May	20 July
19	Collate comments into FBAR and issue to DEA for decision and notify I&APs	15 June 27 June	21-24 July
20	Await DEA EA decision (147 days maximum)		???
21	Inform registered I&APs of EA application outcome		Within 10 days of DEA decision

KEY

Target not met: ■; In progress (target date not met as yet): ■; Target met / met to date: ■

[#] Initial (internal) target date for FBAR submission to DEA delayed by three weeks due to changes in specialist report information.

Form 2 - Proposed Project Schedule

Activity	2011				2012				2013				2014				2015				2016				2017				2018											
	J	F	M	A	J	F	M	A	J	F	M	A	J	F	M	A	J	F	M	A	J	F	M	A	J	F	M	A	J	F	M	A	J	F	M	A				
Koren Energy Danielshuill																																								
Identified Sites																																								
Signed Lease Agreements																																								
Initiated EIA and Specialist report																																								
EIA and specialist studies underway																																								
EIA ROD received																																								
First stage Bid preparation																																								
First Stage SS Bid window																																								
Second Stage SS Bid Preparation																																								
Second Stage SS Bid Window																																								
Working on Improving local content																																								
Preferred bidder status announcement																																								
Second Stage SS Bid Preparation																																								
Second Stage SS Bid Window																																								
Preferred bidder status announcement																																								
Working towards Financial Close																																								
Financial Close																																								
Engineering																																								
Permitting																																								
Purchasing - PO to last delivery																																								
Move on																																								
Site Prep																																								
Structural Installation																																								
Electrical Installation - underground																																								
Electrical Installation- above ground																																								
Module Installation																																								
Connection works - grid on																																								
Interconnection availability date (IAD)																																								
Pre-functional checks																																								
Commission																																								
Performance testing																																								
Target Substantial Completion																																								
Final Commissioning																																								
Commercial Operation Date (COD)																																								

**APPENDIX 8
DECLARATION OF THE APPLICANT**

I, Weyers Janse van Rensburg, declare that –

- I am, or represent¹, the applicant in this application;
- I have appointed an Environmental Assessment Practitioner (EAP) to act as the independent EAP for this application / have obtained exemption from the requirement to obtain an EAP²;
- I will take all reasonable steps to verify whether the EAP and specialist/s appointed are independent and have expertise in conducting environmental impact assessments or undertaking specialist work as required, including knowledge of the Act, the EIA Regulations and any guidelines that have relevance to the proposed activity;
- I will provide the EAP and the competent authority with access to all information at my disposal that is relevant to the application;
- I will be responsible for the costs incurred in complying with the Regulations, including but not limited to –
 - costs incurred in connection with the appointment of the EAP or any person contracted by the EAP;
 - 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;
- I 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;
- I am responsible for complying with the conditions of any environmental authorisation issued by the competent authority;
- I hereby indemnify the Government of the Republic of South Africa, 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 EAP is responsible for in terms of these Regulations;
- I 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;
- I will perform all obligations as expected from an applicant in terms of the Regulations;
- all the particulars furnished by me in this form are true and correct; and
- I am aware of what constitutes an offence in terms of Regulation 48 and that a person convicted of an offence in terms of Regulation 48(1) is liable to the penalties as contemplated in section 49B of the Act.
- I am aware that in terms of Section 24F of the National Environmental Management Act, Act No 107 of 1998, as amended, that no listed activity may commence prior to an environmental authorisation being granted by the Competent Authority.

Weyers Janse van Rensburg
Signature³ of the applicant/ Signature on behalf of the applicant

ROMA ENERGY DANIELSKUR (PTY) LTD.
Name of company (if applicable)

26 JULY 2017
Date:

¹ If this is signed on behalf of the applicant, proof of such authority from the applicant must be attached. If the applicant is a juristic person, a signature on behalf of the applicant is required as well as proof of such authority.

² 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.

³ Only original signatures will be accepted. No scanned, copied or faxed signatures will be accepted. An EAP may not sign on behalf of an applicant.

**APPENDIX 9
9.1 DECLARATION OF THE EAP**

I, BERNARD DE WITT, declare that –

- I act as the independent environmental assessment practitioner in this application;
- I have expertise in conducting environmental impact assessments, including knowledge of the Act, Regulations and any guidelines that have relevance to the proposed activity;
- I will comply with the Act, Regulations and all other applicable legislation;
- I will perform the work relating to the application in an objective manner, even if this results in views and findings that are not favourable to the applicant;
- I will take into account, to the extent possible, the matters listed in Regulation 18 of the Regulations when preparing the application and any report relating to the application;
- I undertake to disclose to the applicant and the competent authority all material information in my possession that reasonably has or may have the potential of influencing - any decision to be taken with respect to the application by the competent authority; and - the objectivity of any report, plan or document to be prepared by myself for submission to the competent authority, unless access to that information is protected by law, in which case it will be indicated that such information exists and will be provided to the competent authority;
- I will perform all obligations as expected from an environmental assessment practitioner in terms of the Regulations; and
- I am aware of what constitutes an offence in terms of Regulation 48 and that a person convicted of an offence in terms of Regulation 48(1) is liable to the penalties as contemplated in section 49B of the Act.

Disclosure of Vested Interest (delete whichever is not applicable)

- I do not have and will not have any vested interest (either business, financial, personal or other) in the proposed activity proceeding other than remuneration for work performed in terms of the Regulations;
- ~~I have a vested interest in the proposed activity proceeding, such vested interest being:~~

N/A

Signature of the environmental assessment practitioner

Enviro Africa CC


Name of company:

26 July 2017

Date

APPENDIX 9
9.2 UNDERTAKING UNDER OATH/ AFFIRMATION

I, BERNARD DE WITT, swear under oath / affirm that all the information submitted or to be submitted for the purposes of this application is true and correct.



Signature of the environmental assessment practitioner

ENVIRO AFRICA CC

Name of company

26 JULY 2017

Date



COMMISSIONER OF OATHS
JACQUES ENGELBRECHT
Professional Accountant (S.A.)
P.O. Box 12347, Die Boord, 7613
021 851 0700

Signature of the commissioner of oaths

2017/07/26.

Date

FINAL BASIC ASSESSMENT REPORT:
SOLAR PHOTOVOLTAIC FACILITY – DANIELSKUIL (DEA Reference: 14/12/16/3/3/1/1751)

- Should any evidence of archaeological or palaeontological sites or remains (e.g. unmarked human burials/remains, ostrich eggshell fragments/water flask caches, remnants of stone-made structures, indigenous ceramics or charcoal and ash concentrations) be uncovered or exposed during construction activities, these must immediately be reported to the archaeologist (Jonathan Kaplan 082 321 0172), or the South African Heritage Resources Agency Archaeology, Palaeontology and Meteorites (SAHRA APM) Unit (Natasha Higgitt/John Gribble 021 462 5402). If unmarked human burials are uncovered the SAHRA Burial Grounds and Graves Unit (Mimi Seetelo 021 320 8490) must immediately be alerted. Burials must not be removed or disturbed until inspected by the archaeologist and SAHRA BGG Unit. Should any substantial fossil remains (e.g. vertebrate bones and teeth) be encountered during excavation, however, these should be reported to SAHRA for possible mitigation by a professional palaeontologist.
- **All mitigations and recommendations from the specialists (as per Appendix D) must be adhered to.**

Is an EMPr attached?

YES ✓	NO
-------	----

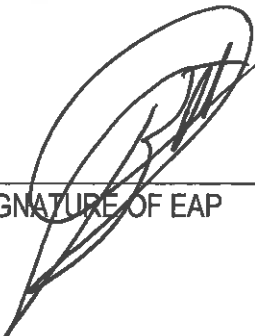
The EMPr must be attached as Appendix G.

The details of the EAP who compiled the BAR and the expertise of the EAP to perform the Basic Assessment process must be included as Appendix H.

If any specialist reports were used during the compilation of this BAR, please attach the declaration of interest for each specialist in Appendix I.

Any other information relevant to this application and not previously included must be attached in Appendix J.

BERNARD DE WITT
NAME OF EAP


SIGNATURE OF EAP

26 JULY 2017
DATE

SECTION F: APPENDIXES

The following appendixes must be attached:

Appendix A: Maps

Appendix B: Photographs

Appendix C: Facility illustration(s)

Appendix D: Specialist reports (including terms of reference)

Appendix E: Public Participation

Appendix F: Impact Assessment

Appendix G: Environmental Management Programme (EMPr)

Appendix H: Details of EAP and expertise

Appendix I: Specialist's declaration of interest

Appendix J: Additional Information

Appendix J-5: DEA acknowledgement of notification for an extension



environmental affairs

Department:
Environmental Affairs
REPUBLIC OF SOUTH AFRICA

Private Bag X 447· PRETORIA · 0001· Environmental House · 473 Steve Biko Road · PRETORIA

DEA Reference: 14/12/16/3/3/1/1751

Enquiries: Ms Salome Mambane

Telephone: 012 399 9385 E-mail: SMambane@environment.gov.za

Vivienne Thomson
EnviroAfrica CC
P.O Box 5367
HELDERBERG
7135

Tell: 021 851 1616
Email: admin@enviroafrica.co.za

PER EMAIL / MAIL

Dear Sir/Madam

ACKNOWLEDGEMENT OF NOTIFICATION FOR AN EXTENSION IN TERMS OF REGULATION 19(1)(b) FOR THE PROPOSED ROMA ENERGY DANIELSKUIL SOLAR PV FACILITY ROPER SOLAR PV FACILITY, NORTHERN CAPE PROVINCE

The Department confirms having received the notification for extension on the 30 May 2017.

Please note that should you fail to meet any of the timeframes stipulated in Regulation 19 of the Environmental Impact Assessment Regulations as amended 2014, your application will lapse.

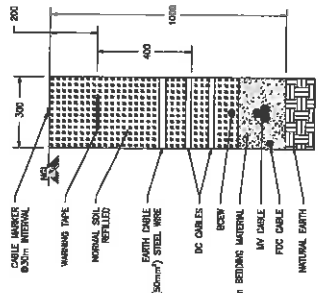
Kindly quote the abovementioned reference number in any future correspondence in respect of the application.

Yours sincerely

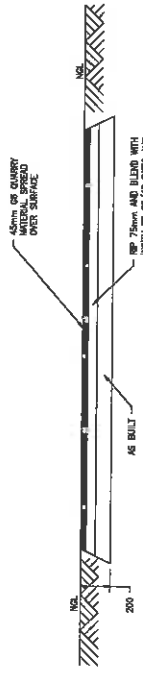
Mr Sabelo Malaza
Chief Director: Integrated Environmental Authorisations
Department of Environmental Affairs
Letter signed by: Azrah Essop
Environmental Officer Specialised Production: EIA Coordination, Strategic Planning and Support
Date: 31 May 2017

Appendix J-6: Roads and trenches detail drawing

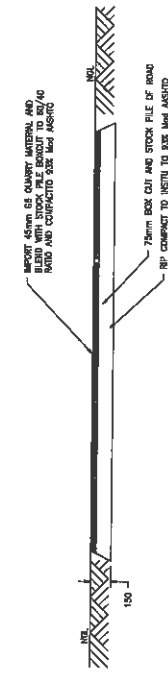
01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66



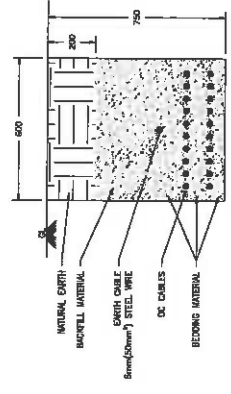
TYPICAL SECTION OF AC
TRENCH CROSSINGS
300mm WIDE
SCALE 1:2



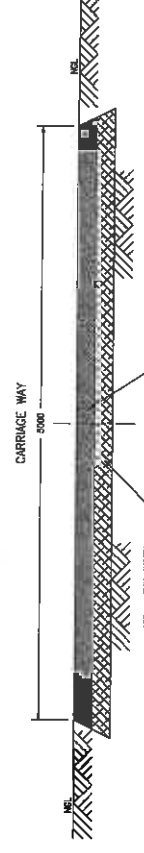
TYPE 3A ROAD



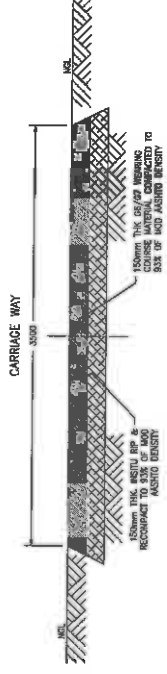
TYPE 3B ROAD



TYPICAL SECTION OF DC
TRENCH CROSSINGS
500mm WIDE
SCALE 1:2



5.0m WIDE MAIN ROAD TYPICAL CROSS SECTION - TYPE 1



3.5m WIDE ROAD TYPICAL CROSS SECTION - TYPE 2

ROMA Energy Danieiskul (Pty) Ltd
201220387107
ROAD AND TRENCHING DETAIL

Sheet: **01**
Revision: **A**

Reference Drawings	Description	Revisions	Revision Information
A	UTILISED FOR REVISION	A	

Checked by:	PU	Date:	20/10/2023
Drawn by:	PU	Date:	20/10/2023
Engineer:	CAF	Date:	20/10/2023
Approver:	CAF	Date:	20/10/2023
Scale:	1:20	DWG Size:	A1

BETA 2023/10/24
 Approved for Construction
 For use in the field of work only
 For use in the field of work only
 For use in the field of work only

Vendor Drawing No. E0026-K2E-RTD-DNK
 Date: 20/10/2023

Appendix J-7: Proof of proposed rezoning application



Office of the Municipal Manager
Motsamaisi wa Lekgotla la Toropo
Kantoor van die Munisipale Bestuurder

Fax: 053 384 0326
Posbus / P.O Box 43
Barkerstr / street
Daniëlskuil, 8405
Tel: 053 384 8600

CK Rumboll & Partners
P. O. Box 211
MALMESBURY
7299
CC: leap@rumboll.co.za

Dear Jolandie Linneman

RE: REVISED APPLICATION – PROPOSED REZONING TO DEVELOP A PHOTOVOLTAIC RENEWABLE ENERGY GENERATING FACILITY ON A PORTION OF ERF 753, DANIËLSKUIL

Your correspondence regarding the abovementioned subject, dated 03 April 2017 (received on 10 April 2017) has reference.

As provided for by Clause 23(1)(b) of the Kgatelopele Local Municipality: Spatial Planning and Land Use Management Bylaw (2015), you are hereby notified that the information and documents listed below are outstanding:

- Non-refundable application fee for rezoning to the value of R 3 038.10;
- Non-refundable application fee for departure to the value of R 3 038.10;
- Zoning Certificate to the value of R 97.22;
- Zoning Map to the value of R 97.22;
- Three sets of full colour documentation copies;
- Power of Attorney authorising CK Rumboll & Partner's to undertake the application on behalf of the property owners/lessee; and
- Mineral Rights Holder's consent.

Please also note that:

- The property is not zoned "Agricultural" as outlined in the application.

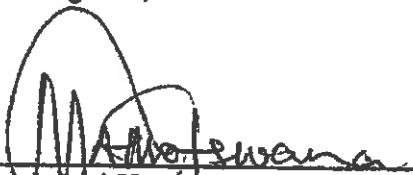
A-M

- Inputs in relation to access and/or traffic will be required from the Northern Cape Department of Transport, Safety and Liaison.
- The property is outside the urban edge, therefore, the provision of services i.e. water and sanitation will be subject to a service level agreement between the developer and Municipality.
- Land Use Planning Act (Act No. 3 of 2014) does not apply in Kgatelopele Local Municipality.
- The application is silent on the consistency/inconsistency of the proposed development with Kgatelopele's Spatial Development Framework.

Therefore, you are advised to submit the outstanding information/documents within fourteen (14) days from the date on which this notice was sent to you.

I trust you will find the above in order.

Kind regards,


Municipal Manager: Mr. Morgan A. Motswana

Date: 21/04 2017

Appendix J-8: Proof of Local Municipal water supply



Office of the Municipal Manager
Motsamaisi wa Lekgata la Toropo
Kantoor van die Munisipale Bestuurder

Posbus / P.O Box 43
Barkerstr / street
DANIELSKUIL
8405

Enquiries: 16/1/R
Reference no:
Date: 13 June 2013

Tel: 053 384 8600
Faks / Fax: 053 384 0326
E-pos / E-mail: admin@kgatelopele.gov.za

The Manager
Roma Energy Danielskuil (Pty) Ltd
P.O Box 73
SOMERSET MALL
7137

Sir

PURCHASE OF WATER FOR SOLAR FACILITY ON ERF 753

Your email dated the 22nd May 2013 refers.

The Kgatelopele Municipality hereby approves the purchase of 2000M³ water per annum from the Municipality at the tariffs as approved by Council for the above mentioned Solar Project on Erf 753 for the operational phase after construction and commissioning and 1800M³ for the SEVEN months of construction.

Yours faithfully

PS

Me S Titus
ACTING MUNICIPAL MANAGER

Appendix J-9: Biodiversity specialist response to DAFF's comments on post-application BAR

Vivienne Thomson

From: Peet Botes <peetjbotes@gmail.com>
Sent: Monday, 17 July 2017 4:07 PM
To: Vivienne Thomson
Subject: RE: Biodiversity Assessment: Danielskuil Solar (Erf 753)

Dear Ms Thomson

As discussed, please find the updated Biodiversity Assessment for the proposed Danielskuil Solar site in order to address the comments made by DAFF (Dated 10 July 2017). Please note that there is only two corrections namely:

- I changed the name of the Front page to Revision 1 (since there is only the one correction within the report, I did not change the date of the Report).
- On Page 9, I corrected the reference to the applicable List of protected tree species in terms of the NFA to GN1602 of 23 December 2016. Please note that I did use the correct version when writing the original report, but neglected to correct the reference on this page.

With regards to the DAFF comments on the Post Application BAR:

Point 2.3: According to the Red List of South African Plants (www.redlist.sanbi.org, as accessed on the 17th of July 2017) *Vachellia erioloba* is categorized as of Least Concern (LC). As a result it is not currently regarded as a red-data species.

Point 2.4: The imminent availability of the CBA maps for the Northern Cape is great news. However, at the time of the report and to date, I was not able to get a link to these maps and they are not yet available on the Biodiversity BGIS website.

Kindest regards Peet

Peet Botes (*Pri. Sci. Nat*)

Registered Professional Botanical, Ecological and Environmental Scientist.