

APPENDIX B: NON-TECHNICAL SUMMARY















ECC-118-269-NTS-6-D

NON-TECHNICAL SUMMARY FOR

PROPOSED MECHANIZED BUSH THINNING OPERATIONS AND CONSTRUCTION OF A BIOMASS PROCESSING (CHARCOAL BURNING RETORT SYSTEM), STORAGE AND PACKAGING PLANT ON FARM GAI KAISA NO. 159

OTJOZONDJUPA REGION, NAMIBIA

PREPARED FOR

RETORT CHARCOAL PRODUCERS (PTY) LTD

NOVEMBER 2020

NON-TECHNICAL SUMMARY

PROPOSED MECHANIZED BUSH THINNING OPERATIONS AND CONSTRUCTION OF A BIOMASS PROCESSING (CHARCOAL BURNING RETORT SYSTEM), STORAGE AND PACKAGING PLANT ON FARM GAI KAISA NO. 159 IN THE OTJOZUNDJUPA REGION, NAMIBIA

1 PURPOSE OF THIS DOCUMENT

The purpose of this Non-Technical Summary (NTS) is to provide Interested and Affected Parties (I&APs) background to the project.

The purpose of the project is to apply for an environmental clearance certificate on behalf of the proponent for the proposed mechanized bush thinning operations and biomass processing and manufacturing plant on Farm Gai Kaisa No 159 in the Otjozondjupa Region.

By registering for the project, all I&APs will be kept informed throughout the environmental clearance certificate application process, and a platform for participation will be provided to submit comments/recommendations pertaining to the project.

This NTS includes the following information on:

- The necessity of the project, benefits or adverse impacts anticipated;
- The alternatives to the project have been considered and assessed;
- How the ESIA process works;
- The public participation process and how to become involved; and
- Next steps and the way forward.

2 DESCRIPTION OF PROPOSED PROJECT

2.1 Brief Introduction

Environmental Compliance Consultancy (ECC) has been engaged by the proponent Retort Charcoal Producers (Pty) Ltd to undertake an ESIA and an Environmental Management Plan (EMP) in terms of the Environmental Management Act, No. of 7 of 2007 and its regulations. An environmental clearance application will be submitted to the relevant competent authorities; and the Ministry of Environment, Forestry, and Tourism (MEFT).

2.2 LOCATION

The project is located approximately 30 km south east of the Kombat settlement and 130 north-east of Otjiwarongo in the Otjozondjupa region, Namibia. The site location is shown in Figure 1.

2.3 Why is the Project Needed

Charcoal production in Namibia presents strategies to combat bush encroachment, supplement farming income, and contribute to employment creation. Retort Charcoal Producers (Pty) Ltd, will be thinning out invader bush for the reclamation of rangeland and selling the biomass, generating income.

The biomass process and manufacturing plant will include retort kilns carbonising the biomass to charcoal, a product in high demand throughout the world. The project will generate long term employment opportunities while promoting sustainable rangeland management to the surrounding area.

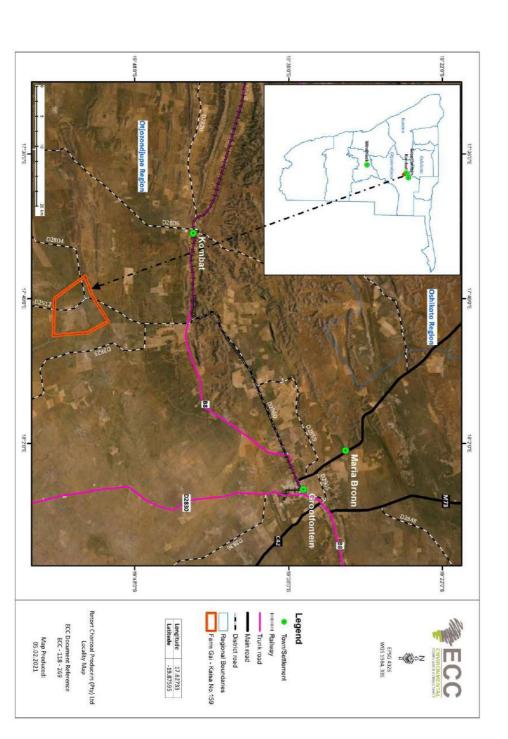
2.4 What are the project activities

The following activities and infrastructure are associated with the project:

- Bush thinning of encroacher species on farm Gai Kaisa No. 159 using mechanized techniques,
- The construction of 4 retort kilns and associated infrastructure (3000 square meter shed and offices)
- The carbonization of biomass
- The manufacturing of briquettes
- The storage and processing of biomass, briquettes and charcoal
- The transporting biomass, briquettes and charcoal
- Water is abstracted from boreholes for domestic and industrial use;



- Renovation of existing infrastructure and houses on-site;
- Power will be supplied from silenced diesel power generation sets linked up to a central DB between the plant and the retorts. A solar power supply is planned for the furture.
- The installation of an onsite weighbridge
- The installation of dust collector and jet cleaning machine to minimise dust emissions.



RETORT CHARCOAL PRODUCERS (PTY) LTD NON-TECHNICAL SUMMARY

FIGURE 1 – LOCATION OF FARM GAI – KAISA No.159



2.5 POTENTIAL IMPACTS OF THE PROJECT

2.5.1 SOCIO-ECONOMIC

The potential social impacts are anticipated to be of low significance, and those that may transpire shall be confined within the project site: these potential impacts may include the following:

- Potential economic benefits due to increased foreign currency flow, and
- Approximately 50 new jobs will be created as a result of the project.

2.5.2 ENVIRONMENTAL

The potential environmental impacts are anticipated to be of minor significance, and those that may occur shall be contained within the site, these potential impacts may include the following:

- Potential loss of protected and or endangered vegetation during project activities, and
- Generation of noise nuisances from mechanized bush thinning operations such as during transportation.

3 CONSIDERATION OF ALTERNATIVES

Best practice environmental assessment methodology calls for consideration and assessment of alternatives to the project. The project is operating on private farmland.

During the assessment, alternatives will take the form of consideration of optimisation and efficiency to reduce potential effects.

4 THE ENVIRONMENTAL ASSESSMENT PROCESS

This EIA, conducted by ECC, is undertaken in terms of the Environmental Management Act, 2007, and its regulations. The process followed in this EIA is set out in the flowchart in figure 2.

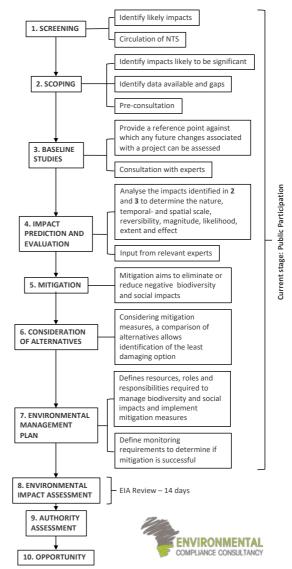


FIGURE 2 - FLOWCHART OF THE ENVIRONMENTAL ASSESSMENT PROCESS



4.1 SCREENING

A review of the project screening findings against the listed activities was conducted; the findings of which are summarised below:

ENERGY GENERATION, TRANSMISSION AND STORAGE ACTIVITIES

- 1 The construction of facilities for -
 - (a) The generation of electricity
 - The project will generate of electricity through silenced generators.

WASTE MANAGEMENT, TREATMENT, HANDLING AND DISPOSAL ACTIVITIES

- 2.2 Any activity entailing a scheduled process referred to in the Atmospheric Pollution Prevention Ordinance, 1976.
 - The project will generate dust due to the operation of machinery for bush thinning, transporting of biomass and sieving of charcoal. The installation of dust collector and jet cleaning machine to minimise dust emissions.
 - Minimum smoke pollution it is envisaged into the atmosphere, due to all gases released during the carbonisation process which will be fed into the system as fuel (advantaged of retort kilns).
 - Waste generated during construction, which shall be collected and removed from the site for re-use, recycling, or final disposal at permitted landfill facility. Waste disposal and handling shall comply with waste management specifications as detailed in the Environmental Management Plan.

FORESTRY ACTIVITIES

- 4 The clearance of forest area, deforestation, afforestation, timber harvesting or any other related activity that requires authorisation in terms of the Forest Act, 2001 (Act No.12 of 2001) or any other law
 - The potential exists for vegetation clearing to construct the facility.

WATER RESOURCE DEVELOPMENTS

- 8.1 The abstraction of groundwater or surface water for industrial or commercial purposes.
 - Due to the nature of the project, there would be groundwater abstraction from an existing borehole. Approximately 2000 cubic meters of water during construction over a 5-month period and approximately 200 cubic per month during the operation phase.
- 8.6 Construction of industrial and domestic wastewater treatment plants and related pipeline systems.
 - There are existing ablution facilities currently on site (French drain system).

HAZARDOUS SUBSTANCES TREATMENT, HANDLING, AND STORAGE

- 9.1 The manufacturing, storage, handling, or processing of a hazardous substance defined in the Hazardous Substance Ordinance, 1974.
 - It is planned that 14000 liters of diesel will be stored on site.

The potential environmental and social effects are anticipated to be of minor significance, and those that may occur shall be contained on the project site.

4.2 BASELINE STUDIES

For the project, baseline information will be obtained through desk-based studies and possible site verification process by focusing on the environmental receptors that could be affected by the project. ECC will also engage with stakeholders, I&APs and the proponents to seek input into the assessment.

4.3 IMPACT ASSESSMENT

Impacts will be assessed using the ECC EIA methodology. The EIA will be conducted in terms of the Environmental Management Act, No. 7 of 2007 and its regulations. ECC's methodology for impact assessments was developed using IFC standards in particular Performance Standard 1 'Assessment and management of environmental and social risks and impacts' (IFC 2012, 2017) and Namibian Draft Procedures and Guidance for EIA



and EMP (GRN, 2008) including international and national best practice with over 25 years of combined EIA experience.

4.4 ENVIRONMENTAL MANAGEMENT PLAN

An EMP shall be developed for the project, setting out auditable management actions for the project to ensure careful and sustainable management measures are implemented for their activities in respect to the surrounding environment and community.

4.5 PUBLIC PARTICIPATION AND

ADVERTISING

Public participation is an important part of the EIA process; it allows the public and other stakeholders to raise concerns or provide valuable local environmental knowledge that can benefit the assessment, in addition it can aid the design process. This project is currently at the scoping phase and the public participation phase.

At this phase ECC will perform the following:

- Identify key stakeholders, authorities, municipalities, environmental groups and interested or affected members of the public, hereafter referred to as I&APs
- Distribute the NTS for the project (this document)
- Advertise the environmental application in two national newspapers over a two-week period
- Place notices on-site at or near the boundary
- If required host a public meeting to encourage stakeholder participation and engagement, and provide details of issues identified by the environmental practitioner, stakeholders and I&APs
- Record all comments of I&APs and present such comments, as well as responses provided by ECC, in the comments and responses report, which will be included in the scoping

- report that shall be submitted with the application, and
- Circulate I&AP comments to the project team for consideration of project design.

Comments must be submitted in writing and can be emailed using the details in the contact us section below.

CONTACT US

We welcome any enquiries regarding this document and its content. Please contact:

Environmental Compliance Consultancy (ECC)

info@eccenvironmental.com

Tel: +264 816 697 608

www.eccenvironmental.com

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Follow us online to be kept up to date:











NOVEMBER 2020 PAGE 7 OF 7



APPENDIX C: PUBLIC CONSULTATION EVIDENCE







Purpose of the review and registration period: The purpose of the registration and review period is to introduce the proposed project by way of a Non-Technical Summary (NTS) to all who register en inter-studed and Affective Purtus (GANP). The same will be affered an opportunity to comment on the NTS and to ensure that potential issues and concerns are brought forward, captured by ECC and considered

tion period: Effective from 17th November to 1* December 2020.

The team at ECC will be in contact with all registered I&APs to review any other documents after the registration period referred to above.

Herealt info@eccentronmental.com
Website: https://eccentronmental.com/projects/
Project ID:: ECC-118-269-ADV-12-A



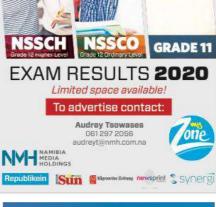
TICE OF AN ENVIRONMENTAL ASSESSMENT AND PUBLIC PARTICIPATIC EXPLORATION ACTIVITIES ON EPL 7729 AND EPL 7935 IN THE OTIOZONDIJUPA REGION, NAMIBIA

rurpose of the review and registration period: The purpose of the review and registration period. The purpose of the review and registration period introduce the proposed project and to affirm Internated and Afficiand Puriosis (BAAP), an opposed project and comment on the Non-Technical Summonly INTS) and to ensure that potential issuencers are brought forward, captured and considered further in the assessment process.

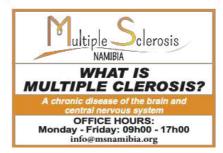
ration period: Effective from 17th November to 1th December 2020.

on at ECC will be in contact with all registered I&APs to review any other do tion period referred to above.

mental Compliance Consultancy Close Corpor tion Number: CC/2013/11404









tuesday 17 November 2020

Market Watch

11



Environmental Compliance Consultancy &C (ECC) hereby gives notic to the public that an applicatio for an environmental clearance certif a te in terms of the Environmental Management Act, No. 7 of 2007 will be made as per the following:

Applicant: Retort Charcoal Producers (Pty) Lid Environmental Assessment Bractit or (EAP): Retort Charcoal Producers (Pty) Lid Environmental Compliance Consultancy Project Trip proposed mechanized bush thinning operation and construction of a biomass processing, storage and packaging plant on farm Gail – Raisa No. 159 in the Optomorphas Report, Mambia

Proposed active: : Key infrastructure additios and activities on the site will include: The mechanized bush thinning of encroacher species and establishment of a biomass processing, storage, and packaging plant, which includes carbonizatio of borns ss as well as manufacturing of briquettes.

Applicatio for environmental clearance certif ate: In terms of the Environmental Managemen No. 7 of 2007, ECC on behalf of Retort Charcoal Producers (Pty) Ltd Namibia is required to app an environmental certificate from the Ministry of Environment, Forestry and Tourism for the al

Purpose of the review and registratio period: The purpose of the registratio and review period is to introduce the proposed project by way of a Non-Technical Summany (IRTS) to all who register as interested and Affected partie (IRAPs). The same will be allotioned an opportunity to comment on the NTS and to ensure that potential is suited and doncerns are brought forward, captured by ECC and considered further in the assessment process.

Registratio seriod: Effective from 17th November to 1st December 2020

The team at ECC will be in contact with all registered I&APs to review any other documents after the registratio period referred to above.

Environmental Compliance Consultance Close Corporatio Registratio N inb er:

C/2013/11404

Members: Mr IS Bezuidenhout and Mrs J Mooney

PO Box 91193, Klein Windhoek

Tel: +264 816 697 608



Erongomed, an equal opportunity employer and leading Namibian Medical and Pharmaceutical to expand its workforce with a strong, self-motivated, charismatic applicant to fill the position of: Director (based in Windhoek)

- Plarm degree essential
 Registration with the Pharmacy Council of Namibia (HPCNA)
 Minimum 10 years' cross functional and operational experience in similar setting
 Experience working with medical devices and equipment
 Excellent organizational skills

 Excellent organizational skills

- Excellent organizational skills
 Excellent managerial and leadership skills
 Ability to wark under pressure
 Strong finnci å æure n
 Planning and forecasting
 In depth knowledge of markets and changing business environments
 Must be willing to travel
 Strong communication skills- written and verbal

- Key Performance Areas:

 Prepare a corporate plan and annual business plan and monitor progress against these plans to ensure that the Company attains its objectives as oost-effectively and efficit ty as pass it a proper plan and provide strategic advice and guidance to the Chairman and the members of the Board, to keep them aware of developments within the industy and to ensure that the appropriate policies are developed to meet the Company's mission and objectives and to comply with all relevant statutory and other regulations Prepare, gain acceptance, and monitor the implementation of the annual budget to ensure that budget targets are met, that revenue flos are an x in add and that the cost is are minimised.

 Establish and maintain effective formal and informal links with major customers, relevant government departments and agencies, local authorities, key decision-makers and other stakeholders, to exchange information and views and to ensure that the Company is providing the appropriate range and quality of services.

 Develop and maintain fotal Quality Management systems throughout the company to ensure that the products and services are provided to customers timely and of fetctively.

 Ensure and identify the needs and implementation of policies and procedures to ensure that the Company complies with all statutory regulations, employee management, health and safety and other regulations.

 Support Operational Purchase Requirements of pharmaceutical products, disposable products and devices for the business.

We offer a market-related remuneration package, which includes Pension Fund and Medical Aid. Preference will be given to Namibian citizens and Permanent Residents. Candidates, who comply with the above-mentioned requirements, are invited to forward their CVs with copies of qualificities, relevant documentation and cover letter to the following address: <a href="https://prescriptions.org/linearing-to-the-resident-to-the-resident-to-the-resident-to-the-resident-to-the-resident-to-the-resident-to-the-resident-to-the-resident-to-the-resident-to-the-resident-to-the-resident-to-the-resident-to-the-resident-to-the-resident-to-the-resident-to-the-resident-to-the-resident-to-the-resident-to-the-resident-to-the-resident-to-the-resident-to-the-resident-to-the-resident-to-the-resident-to-the-resident-to-the-resident-to-the-resident-to-the-resident-to-the-resident-to-the-resident-to-the-resident-to-the-resident-to-the-resident-to-the-resident-to-the-resident-to-the-resident-to-the-resident-to-the-resident-to-the-resident-to-the-resident-to-the-resident-to-the-resident-to-the-resident-to-the-resident-to-the-resident-to-the-resident-to-the-resident-to-the-resident-to-the-resident-to-the-resident-to-the-resident-to-the-resident-to-the-resident-to-the-resident-to-the-resident-to-the-resident-to-the-resident-to-the-resident-to-the-resident-to-the-resident-to-the-resident-to-the-resident-to-the-resident-to-the-resident-to-the-resident-to-the-resident-to-the-resident-to-the-resident-to-the-resident-to-the-resident-to-the-resident-to-the-resident-to-the-resident-to-the-resident-to-the-resident-to-the-resident-to-the-resident-to-the-resident-to-the-resident-to-the-resident-to-the-resident-to-the-resident-to-the-resident-to-the-resident-to-the-resident-to-the-resident-to-the-resident-to-the-resident-to-the-resident-to-the-resident-to-the-resident-to-the-resident-to-the-resident-to-the-resident-to-the-resident-to-the-resident-to-the-resident-to-the-resident-to-the-resident-to-the-resident-to-the-resident-to-the-resident-to-the-res

Tel: 061-296 5900

CLOSING DATE: 20/11/2020

Only shortlisted candidates will be contacted.



MINISTRY OF WORKS AND TRANSPORT WILL HOLD A PUBLIC AUCTION

OSHAKATI - VEHICLES AUCTION

VIEWING DATE: HURSDAY 19 NOVEMBER 2020 from 09H00 to 19H00
AUCTION DATE: THURSDAY 19 NOVEMBER 2020 AT 10H00
VENUE: MINISTRY OF HOME AFFAIRS, IMMIGRATION, SAFETY AND SECURITY – OSHAKATI
POLICE STATION AND HOSPITAL.

Items to be sold

3X TOYOTA 20, 8X TOYOTA HILUX 2.5 4X4, FORD IKON 1.6, 8X TOYOTA HILUX 2.7, 5X ISUZU

240 LDV, NISSAN PP 300 4X4, TOYOTA COROLLA 1.8, 2X HINI TRUCK 4X4, 2X M BENZ TRUCKS

4X4AND MUCH MORE.....

Terms and Conditions a pply, No VAT Details are subject to change without prior notice ALL PAYMENTS MUST BE MADE BY 15H00 HOURS ON A UCTION DATE

Contact: MR J NAMPWEYA 081 289 6545 / E STEENKAMP 081 249 2338 / 061 208 6144 GOVERNMENT AUCTION - DAY 5

OSHAKATI - LOOSE ITEMS AUCTION

VIEWING DATE: MONDAY 23 NOVEMBER 2020 from 09H00 to 16H00
AUCTION DATE: TUESDAY 24 NOVEMBER 2020 AT 10H00
VENUE: MINISTRY OF FINANCE – OSHAKATI CUSTOMS, AGRICULTURE, WORKS

Items to be sold BALE CLOTHING, SPACTULAS, CUPS, SANDALS, PLASTIC BOWLS, PLATES, WOODEN CUP, CU-CAR BEER AND MUCH MORE.....

Registration: N\$ 5000.00 (CASH ONLY)
Terms and Conditions apply, No VAT Details are subject to change without prior notice
ALL PAYMENTS MUST BE MADE BY 15H00 HOURS ON A UCTION DATE

VIEWING DATE: THURSDAY 26 NOVEMBER 2020 from 09H00 to 16H00
AUCTION DATE: FRIDAY 27 NOVEMBER 2020 AT 10H00
VENUE: MINISTRY OF ENVIRONMENT, FORESTRY AND TOURISM – ONGWEDIVA DVC

Items to be sold 2X MAZDA B1-50, 4X NISSAN, 4X FORD RANGER, TOYOTA 2.7, 2X FORD COURIER, 3X MBENZ 1113, 2X HINO TRUCK, GARDEN TOOLS AND MUCH MORE.....

Registration: N\$ 5000.00 (CASH ONLY)
Terms and Conditions apply, No VAT Details are subject to change without prior notice
ALL PAYMENTS MUST BE MADE BY 15H00 HOURS ON A UCTION DATE

Contact: : MR J NAMPWEYA 081 289 6545 E STEENKAMP 081 249 2338 / 061 208 6144



EXPRESSION OF INTEREST

EMERGING CONTRACTOR COURSE IN LABOUR-BASED ROAD CONSTRUCTION

In line with the Roads Authority's SME development policy in promoting SMEs in the sector, the RA through the Roads Technical Training Unit (RTIU) intends to offer the EMERGING CONTRACTOR COURSE to experienced Namibian SME Contractors with the aim of advancing SME Contractors to the level of self-supporting Emerging Contractors.

Course Fee: N\$ 2,500.00 for the two-week course, including instructional material

For details on the Emerging Contractor Course please contact: R Ochs +264 61 2847031 or +264 81 122 8144 Interested entities/individuals kindly forward your company profile, clearly listing successfully completed construction projects, to: rittmannz@ra.org.na

SME TRAINING - LABOUR-BASED ACTIVITIES

In line with the Roads Authority's SME development policy in promoting SMEs in the sector, the RA through the Roads Technical Training Unit (RTIU) intends to offer SME TRAINING COURSES to Namibian SME Contractors.

The SME Course will take place over one week focusing on contractual issues and the detailed pricing of the all-inclusive costs in the field of concrete and labour-based construction work.

Course Fee: N\$ 1,000.00

For details on the possible training courses please contact: R Ochs +264 61 2847031 or +264 81 122 8144 Interested entities/Individuals kindly forward your company profile, clearly listing successfully completed construction projects (if any), to: tritmanru@rancgna

Roads Authority, Private Bag 12030, Ausspannplatz, Windhoek, Namibia, www.ra.org.na











