



the denc

Department:
Environment & Nature Conservation
NORTHERN CAPE PROVINCE
REPUBLIC OF SOUTH AFRICA

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Ordain Riba

Date :
Letlha :
Datum :
Umhla :

24/11/ 2016

Reference :
Tshupelo :
Verwysing :
Isalathiso

ATT: Eva Muinamia

Dear Sir/Madam

RE: PROPOSED UPGRADING OF WATER PURIFICATION SYSTEM AND DISTRIBUTION IN EKSTEENSKUIL, KAI! GARIB LOCAL MUNICIPALITY, ZF MGCAWU DISTRICT MUNICIPALITY, NORTHERN CAPE PROVINCE.

This letter serves to inform you that the proposed upgrading of water purification system and distribution in Eksteenskuil with the following system capacity characteristics:

Proposed raw water source: River water from nearby Orange River

Design Demand: 20 m³/hour

Daily demand for 8hr pumping rate: 160 m³/day

Clean water storage in elevated steel tank: 160 m³

Distribution: via gravity to 22 households and 5 communal standpipes

Selected pipe materials: uPVC and GI pipes

Pipe Diameters: 160mm, 110mm and 75mm

Backwash water: approximately 5 m³/day – to be recycled and used to irrigate local soccer field

Scope of works:

- *Supply and install raw water river pumps complete with control panel*
- *Construction of galvanized steel gantry structure to mount river pumps*
- *Construction of new raw water bulk line 160 m of Ø110 mm uPVC pipe*
- *Construct plant room for purification equipment.*
- *Supply and install Up flow Floating Media Clarification system with concrete footings.*
- *Supply and install purified water high lift pumps*
- *Supply and construct 7.32x7.32x2.44 galvanized bolted tank on 10 m galvanized stand*
- *Supply and install bulk water meters*
- *Distribution network comprising; 1,385m of Ø 110mm uPVC pipes; 854m of Ø75 mm uPVC pipe complete with 22 house connections and prepaid water meters total distribution network of 2.2km.*
- *Supply and construction of 5 metered communal standpipes*
- *Supply and construction of 60 m of galvanized Ø100 mm pipe mounted across two concrete bridge structures.*

Does **NOT** trigger a listed activity in terms of schedules of the Government Notice No. R. 983, 984 and 985 of 08 December 2014 EIA regulations. However please note: that some activities of the proposed development involves clearing of indigenous vegetation within a 100m of a river or a public road thus requiring a permit for removal/disturbance from the department, please see below the application process.

Information for permit applications as follow:

- *The Northern Cape Department of Environment and Nature Conservation (DENC) are responsible for enforcing the Northern Cape Nature Conservation Act (Act No. 9 of 2009) and all indigenous species are protected under the provincial Act (NCNCA).*
- *Species are listed in the Act according to their protection level with Schedule 1 = Specially Protected, Schedule 2 = Protected and Schedule 3 = Common Indigenous Species. Flora harvesting permits should be applied for for the destruction of Schedule 1 and Schedule 2 species.*
 - *An estimation of the number of plants protected (Schedule 1 & 2) under the Northern Cape Nature Conservation Act 9 of 2009 (NCNCA) to be removed should be submitted to the DENC in a permit application form.*
 - *As per the the NCNCA [Section 51(1)], lists of species to be removed should include indigenous species (Schedule 3 species) if:*
 - *they occur on public roads;*
 - *they occur on land within a distance of a 100 m from the centre of a public road on either side of the road.*
 - *Hence, if the area to be disturbed are located within 100 m from the centre of a public road / river, a list of the Common Indigenous that will be impacted should also be included in the permit application form.*
- *Permits should be obtained from the DENC for the removal of any nests or disturbance of any other faunal species on site.*
- *Minimum information for this specific development to be provided for a permit application:*
 - *Application forms properly completed*
 - *You need to provide a complete species list*
 - *You need to provide the protected & specially protected species lists, together with the number of plants to be removed per species.*
 - *A list of the common indigenous species that will be impacted should be added (no estimates needed; only size of the area to be disturbed).*
 - *Indications as to what will happen to protected & unprotected species after removal*
 - *Landowner permission for the destruction of flora on his/her property*
 - *MoU*
- *Copy of the applicant's ID.*

Permit applications can be submitted to DENC's Permit Administration Unit at the following information:

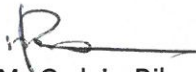
- *(Courier services only): Sasko Building, 90 Long Street, Kimberley, 8301*

- Email: dencpermits@ncpg.gov.za (2MB) (For submitting new applications)

Should the proposal include any other activity identified in Schedules of the Government Notice No: R. 983, 984 and 985 of 08 December 2014, an application for Authorisation must be submitted and approved by this Department before the activity commences.

Please feel free to contact Ordain Riba at 060 991 4817, if you need clarity regarding the contents of this letter.

Yours Sincerely



Mr Ordain Riba

Environmental Officer: Impact Management (ZF Mgcawu District)

Date: 24/11/2016