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QUOTATION
FOR
ENVIRONMENTAL MONITORING OF HEROLDS
BAY COUNTRY ESTATE

PREPARED FOR: Mr Jacques Cronje
Herolds Bay Country Estate

DATE: March 18 2022

QUOTATION NO: ECO/HB/H/3/22

- Environmental Impact Assessments • Basic Assessments • Environmental Management Planning
- Environmental Control & Monitoring • Water Use License Applications • Aquatic Assessments



Dear Jacques

Sharples Environmental Services cc (SES) hereby provides a quotation for the compilation of the Environmental requirements and conditions of the Environmental Authorisation (EA) and for the Environmental monitoring of the construction of the Herolds Bay Country Estate.

The monitoring of the construction will ensure that the construction takes place within a sound environmental framework. This is critical to ensure that environmental best practice and the principles of 'duty to care' are implemented successfully. This in turn ensures the greatest degree of success in terms of minimizing unnecessary environmental degradation. This should also ensure the Authorities remain confident that we are doing everything possible to ensure the impact on the environment remains low.

The compliance with the conditions will ensure that the Department is satisfied that the various conditions have been met.

2.1 SEVEN DAY NOTICE

SES will compile and issue the 7 day notice to the DEADP so that they are aware that the development will be commencing and the notice will indicate that the conditions of the Environmental Authorisation (EA) have been complied with.

2.2 EMP AMENDMENT

The EMP needs to be amended to include the points as listed in the EA, namely point 10. However point 10.1.5 requires that some work on the filling station needs to be completed before we can submit the EMP to the Department. We also need a Site Specific Storm Water Management Plan to be developed as per point 23 of the EA. We will also need to include an Operational Phase Environmental Management Plan for the filling station which will need to be drawn up by someone with good knowledge of how a filling station operates. The EMP must be submitted 90 days prior to commencement.

2.3 ECO work

The primary objective is to undertake the construction activities in a manner that is not unnecessarily harmful to the environment. The Environmental Management Plan must be followed and this requires a monthly report once per month. We will provide the monthly report to the Yourself, the Engineer and DEADP.

The Environmental Control Officer (ECO) is there to help guide this process. This EMP should then be used to ensure that the contractor understands what is required from him and how to go about implementing this plan.

2.3.1 Site Visits

The EMP states that the site must be visited four times per month. This monitoring will enable the provision of guidance on how the construction activities should be undertaken to ensure compliance with the mitigatory measures necessary to achieve environmental best practice.

2.3.2 Record Keeping

Records will be kept detailing environmental incidents and the corrective measures which were / should have been adopted. These records will be used to compile monthly reports that will be issued by the contractor for approval by the consulting engineer and ECO, as and when required, to identify environmental incidents and prescribe the necessary mitigation / rehabilitation.

2.3.3 Reporting

Monthly monitoring reports will be produced to report on the compliance with the requirements to achieve environmental best practice. These monitoring reports will be submitted to yourself, the engineer and the Department.

3	Expertise of Team
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Below are the details of the SES team, including a brief description of expertise, experience and role in the EIA process and monitoring process.

3.1 John Sharples– Environmental Assessment Practitioner

John is the Managing Director of SES and has a Masters in Environmental Management from the UFS as well as a B degree in Conservation. He has consulted for 21 years and prior to this gained 12 years of experience working for environmental organizations. He has monitored numerous sites over this time and is familiar with road construction and the environmental challenges that arise as a result of such construction.

3.2 Michael Bennett – Environmental Assessment Practitioner

Michael joined the firm over 8 years ago and has a post graduate degree in environmental science from the UCT School of Environmental Sciences and Development. Michael is focused on Environmental Impact Assessments, Environmental Monitoring and Management Plans. Michael has also monitored a large number and variety of different sites both in George and surrounding areas as well as Cape Town.

3.3 Tiaan Fortuin – Environmental Assessment Practitioner

Tiaan graduated from the University of Potchefstroom of the North West University completing a Bachelor of Environmental and Biological Sciences. Tiaan joined SES in 2018 and has monitored numerous sites. He is well versed in the technicalities associated with Monitoring and has ensured that all of the sites he has worked on have been environmentally acceptable.

Relevant Experience

SES was formed in 1998 and has extensive experience and a well established background in the field of environmental management. With over 40 years of combined consulting experience SES has implemented many management plans for a host of different proposals ranging from river pumping schemes and canalization projects to service infrastructure installations for sewage, water and electricity networks as well as large residential developments and resorts. We also provide other services which form a critical part of the environmental process, including environmental planning, assessment and auditing. Some of the sites which have been monitored are listed below.

- Environmental Monitoring for the N2 to Stilbaai Road.
- Environmental Monitoring for the Dennedal pump station
- Environmental Monitoring for Kusweg
- Environmental Monitoring for the Amy Searle storm water channel
- Environmental Monitoring for Mooikloof George
- Environmental Monitoring for the R339 near Uniondale
- Environmental Monitoring for the construction of streets Harlem
- Environmental Monitoring for the construction of streets and storm water Uniondale
- Environmental Monitoring Le Grand Golf Estate, George.
- Environmental Monitoring upgrade of stormwater infrastructure in the Hartenbos Station.
- Environmental Monitoring the construction of the Schaapkop substation and associated infrastructure.
- Environmental Monitoring the construction of the Proefplaas substation and associated infrastructure.
- Environmental Monitoring upgrade of the Adderley Street culverts.
- Environmental Monitoring remedial work along the Kat River.
- Environmental Monitoring water augmentation pipeline linking the Glebe Dam to the Akkerkloof Dam, Knysna.

Costing

The figures listed below include administration fee which is used for normal administration costs as well as monthly reports and method statements. This quotation is valid for 30 days from the above date. Extra visits where necessary will be charged on a time / cost basis.

PAYMENT SCHEDULE FOR THE EMP	Activity Description	Cost (EX VAT)
Payment to complete and submit the 7 day notice		
Payment for the amendment and submission of the EMP		
TOTAL FOR THE EMP (EX VAT)		

Table 1: Payment for the submission of the EMP (Excluding VAT)

COST OF ECO VISIT/S PER MONTH	
Activity Description	Cost (Rands)
Cost of site visit	
Administration including email correspondence	
Monthly Report	
SUB TOTAL	
Disbursements	
Travel	
TOTAL PER MONTH (EX VAT)	

Table 2: Costing for monitoring by an ECO per month for site visits and a Monitoring report, excluding VAT

I have costed for 4 visits per month one of which will be used for the site meeting.

If the quote is accepted then please confirm our appointment by completing this page and faxing or emailing a copy back to us.

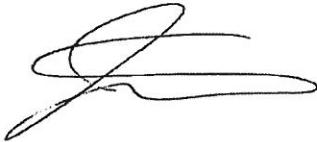
I (Client name) Place

Date..... Signature..... 

Hereby accept the above costing (ECO/HB/H/3/22) and the conditions of this costing for the proposed development.

Thank you for this opportunity to be of service.

Kind Regards



John Sharples
Director
SHARPLES ENVIRONMENTAL SERVICES cc