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Our Ref: 24/RDBAR/POSTAPP/PP/CT/09/22

Enquiries: Ms. Ameesha Sanker
Email: ameesha@sesc.net

09 September 2022

To whom it may concern

RE: APPENDIX E16 – SERVICE CONFIRMATION FOR THE PROPOSED ESTABLISHMENT OF A CREMATORIUM FACILITY ON ERF 2433, MONTAGUE GARDENS, CITY OF CAPE TOWN METROPOLITAN MUNICIPALITY, WESTERN CAPE (DEADP REF: 16/3/3/1/A1/20/3027/22).

Eskom has confirmed the availability of services for electricity, proof of this is attached to this letter.

Confirmation of services for water, sewage, and solid waste management will be obtained from the City of Cape Town during this public participation process, undertaken for the Revised BAR.

Please do not hesitate to contact me if you have any queries.

Thank you.

Kind Regards,

Ameesha Sanker

Sharples Environmental Services cc.

Tel: 021 554 5195 | Fax: 086 575 2869 | email: Ameesha@sesc.net | Post: P.O. Box 443, Milnerton, 7435

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



intern@sesc.net

From: ameesha@sesc.net
Sent: Wednesday, 07 September 2022 10:54
To: intern@sesc.net
Subject: FW: [CAUTION:EXTERNAL EMAIL] - Proposed Crematorium_Erf 2433_Montague Gardens_City of Cape Town

From: ameesha@sesc.net <ameesha@sesc.net>
Sent: Thursday, 18 August 2022 13:47
To: 'John Geeringh' <GeerinJH@eskom.co.za>
Subject: RE: [CAUTION:EXTERNAL EMAIL] - Proposed Crematorium_Erf 2433_Montague Gardens_City of Cape Town

Good day John,

Thank you for the clarity.

Kind Regards,

Ameesha Sanker
Environmental Assessment Practitioner

TEL: (021) 554 5195 | FAX: 086 575 2869
EMAIL: ameesha@sesc.net

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WEB: www.sesc.net

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- AQUATIC ASSESSMENT
- WASTE AND WATER LICENSES
- PROJECT MANAGEMENT
- REHABILITATION AND CLOSURE PLANS

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From: John Geeringh <GeerinJH@eskom.co.za>
Sent: Thursday, 18 August 2022 13:18
To: ameesha@sesc.net
Subject: RE: [CAUTION:EXTERNAL EMAIL] - Proposed Crematorium_Erf 2433_Montague Gardens_City of Cape Town

Based on the information supplied there will be no impact on any Eskom existing or planned infrastructure.

Kind regards

John Geeringh (Pr Sci Nat) Reg. EAP (EAPASA)
Senior Consultant Environmental Management
Grid Planning: Land and Rights
Eskom Transmission Division
Megawatt Park, D1Y42, Maxwell Drive, Sunninghill, Sandton.
P O Box 1091, Johannesburg, 2000.
Tel: 011 516 7233
Cell: 083 632 7663
Fax: 086 661 4064

E-mail: john.geeringh@eskom.co.za

From: ameesha@sesc.net <ameesha@sesc.net>

Sent: Thursday, 18 August 2022 09:03

To: John Geeringh <GeerinJH@eskom.co.za>

Subject: [CAUTION:EXTERNAL EMAIL] - Proposed Crematorium_Erf 2433_Montague Gardens_City of Cape Town

Importance: High

Good day John,

Hope you are well.

Thank you for taking my call.

As discussed, our client is looking at establishing a crematorium on a brownfield site, that contains an existing warehouse/facility, and is significantly transformed as it is located in the Montague Gardens Industrial Area (see attached KML/KMZ). We have now been informed that Eskom is the electricity supplier for the site, and the landowner is currently being billed by Eskom, however no works are planned to impact upon any Eskom infrastructure. The Scope of Works includes:

- The intention is to adopt LPG (approx. 80m³) for the furnace's operation. Considering the site was used for manufacturing with no alternative energy source, we believe the consumption will be far lower than what it was previously.
- Installation of 6 x BA2 cremators (manufactured under a license from Johnson Thermal Engineering (JTE)) specifications include: Locally manufactured and distributed in South Africa; Chamber 1: starved combustion primary chamber cremator, ensuring gas velocities are reduced, resulting in lower particulate pickup; Chamber 2: cremation process begins, from 600°C rapidly rising to control at 850°C or higher to completely combust gases and odours before exiting the stack; Provides 2 seconds of high temperature exhaust gas residence time, to ensuring low carbon monoxide emission and total combustion of complex volatile organic compounds; Cremators: equipped with an ejector in base of the cremator stack to aid with the drafting to maintain a slight negative pressure within the primary chamber, to ensure that no gases or noxious fumes are emitted into the cremator machine room when the door is opened; designed to meet the Air Emission requirements for new plants as specified in NEM:AQA), I have attached information on the technology being adopted as well, should you require it.
- 3 x reefer coolers and one cool room. Each reefer can take 60 units, in total.
- Superficial modifications to the interior and aged exterior (including 6 x chimney stacks approximately 0.35m, approximately 6m's above the nearest building.
- Refurbishment of the existing facility, not exceeding the existing ERF boundary.

Kindly advise if we need to proceed to contact the relevant Eskom officer in the area, to obtain comment.

Thank you.

Kind Regards,

Ameesha Sanker
Environmental Assessment Practitioner

TEL: (021) 554 5195 | FAX: 086 575 2869
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