

PEMM: Technical Evaluation Criteria

Project: Construction of Borehole & Feasibility Studies for Ermelo Depots

The Technical Criterion has a total weighting of 100%

- | | |
|--|-------|
| 1. Methodology and Approach | = 30% |
| 2. Detailed Project Plan with Lead Time | = 10% |
| 3. Compliance with the Transnet Engineering specification | = 5% |
| 4. Previous Experience (Related or Similar Projects) | = 35% |
| 5. Organogram (Key Personnel with experience & Qualifications) | = 20% |

A threshold of 90% is required for the next evaluation stage

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Point Allocations for Each Group:

- | | |
|--|-------------|
| 1. Methodology & Approach | 30% |
| 1.1 Approach paper which responds to the scope of works & outlines proposed approach and methodology, besides meeting the good rating, the important issues are approached in an innovative & efficient way, indicating that the tenderer has outstanding knowledge of state-of-the-art approaches. The approach paper details ways to improve the project outcomes & the quality of the outputs | : 30 Points |
| 1.2 The technical approach and/ or methodology is poor/ is unlikely to satisfy project objectives or requirements. The tenderer has misunderstood certain aspects of the scope of works and does not deal with the critical aspects of the project | : 1 Points |
| 1.3 No response/ no documents submitted | : 0 Points |
| 2. Detailed Project Plan & Lead Time (Inclusive of Water Licence) 10% | |
| 2.1 Project Plan with lead time equals or less than 24 weeks: | 10 Points |
| 2.2 Project Plan with lead time between 24 weeks and 36 weeks | 7 Points |
| 2.3 Project Plan with lead time greater than 36 weeks | 3 Points |
| 2.4 Nothing provided | 0 Points |
| <i>NB: (Project Plan must be submitted with MS Project/Gantt Chart only)</i> | |
| 3. Full Compliance with the Transnet Engineering specification | 5% |
| 3.1 Full compliance to specification
(Indicated with a <i>Yes</i> in the provided tables
And sign all pages within the specification) | : 5 Points |
| 3.2 Non-compliance to spec | : 0 points |
| 4. Previous Experience (Related/Similar Projects with reference letters) 35% | |
| 4.1 5/more Projects within the last 5 years (All completed projects): | 35 Points |
| 4.2 No related projects | : 0 Points |

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5 Organogram specific for this project/tender 20%

5.1 Project Engineer : 5 Points

Submission of Project Engineer CV & qualifications to lead the team in design and supervision of the project to be identify. Will be responsible for the overall project & presenting the service provider (JV partners) in format engagements and correspondence with the client and client stakeholders. Is expected to have vast 5 years' experience with PR Engineer/PR Technologist registration and BSc Eng. in qualifications)

5.2 Geologist/Hydrogeologist Engineer : 5 Points

Submission of Geology Engineer CV & qualifications who will be responsible for use detailed technical analysis of soil vapor treatment, rock groundwater and natural conditions, analyze and interpret geologic, borehole geophysical and hydraulic/pneumatic data as well risk assessment of geological hazards to determine the suitability of a site for construction development stages. Is expected to have a 5 years' experience with Environmental Geology and Land Contamination/ or Geohydrology Appointee should be registered with South African Council of Natural Scientific Professions (SACNASP)/ or Environmental and socio-economic impact assessment Appointee should register with South African Council of Natural Scientific Professions (SACNASP) and/or Environmental Assessment Practitioners of South Africa (EAPSA) / or Hydrogeology or other relevant field equivalent combination of education

5.3 Land Surveyor : 5 Points

Submission of Land surveyor/geomatics CV & qualifications to carry out measurements and collect & interpret data about area of land, including information about boundaries, building and both natural and man-made features shall have a bachelor's degree in Surveying, Mapping or Geomatics with 5 years and above

5.4 Environmental Engineer : 5 Points

Submission of environmental engineer CV & qualifications to collect data and analysing environmental data, studying human influences on the environment, and improving environmental conservation management



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Approved by:

Signature:  _____

Stanley Mchunu

Date: 25.05.2023 _____