

## T2.2-02: Evaluation Schedule - Qualifications & Experience of Key Persons

The tenderer shall submit the following documents as a minimum requirement with the tender document:

Detailed CV's showing level of experience required for this project, including certified copies of qualifications and relevant professional registrations for people proposed for all identified posts for the project inclusive of minimum key people stated in the Works Information.

**Only CV's of the Key People indicated on this returnable schedule for the required key roles in the project will be evaluated.**

The project team shall include properly qualified and experienced key persons who have developed the necessary skills which include but not limited to the following:

### 1x NEC Supervisor/Resident Engineer

- The Resident Engineer shall hold a **Bachelor of Science/ Bachelor of Engineering/ Bachelor of Technology Degree** in Civil/Structural Engineering, registered as a Professional Engineer/Technologist in terms of the Engineering Profession Act (Act 46 of 2000) with at least 12 years of experience in civil/structural engineering projects. It is essential that the incumbent has developed the necessary competencies and experience in all aspects pertinent to civil/structural engineering works to provide a professional service ensuring project objectives are achieved.

### 1 X Structural/Bridge Engineer

- Structural/ Bridge Engineer shall be in possession of a **Bachelor of Science/ Bachelor of Engineering/ Bachelor of Technology Degree** in Civil/Structural Engineering, registered as a Professional Engineer/Technologist in terms of the Engineering Profession Act (Act 46 of 2000) with at least 12 years of experience in structural/bridge construction. It is essential that the incumbent has developed the necessary competencies and experience in all aspects pertinent to structural/bridge engineering works.

### 1 X Civil Engineer

- Civil Engineer shall be in possession of a **Bachelor of Science/ Bachelor of Engineering/ Bachelor of Technology Degree** in Civil Engineering, registered as a Professional Engineer/Technologist in terms of the Engineering Profession Act (Act 46 of 2000) with at least 10 years of experience in civil design and construction. It is essential that the incumbent has developed the necessary competencies and experience in all aspects pertinent to civil engineering works.

### 1 X Electrical Engineer

- Electrical Engineer shall be in possession of a Bachelor of Science/ Bachelor of Engineering/ Bachelor of Technology Degree in Electrical Engineering, registered as a Professional Engineer/Technologist in terms of the Engineering Profession Act (Act 46 of 2000) with at least 10 years of experience in the electrical field. It is essential that the incumbent has developed the necessary competencies and experience in all aspects pertinent to electrical engineering works.

### 1 x Geotechnical Engineer

- The *services* of a Professional Geotechnical Engineer is vital to assess the ground conditions on various activities of the Works.
- The *Consultant* may procure the *services* of an experienced geotechnical engineer should they not have these services inhouse.
- Geotechnical Engineer shall be in possession of a Bachelor of Science/ Bachelor of Engineering/ Bachelor of Technology Degree in Geotechnical Engineering, registered as a Professional Engineer/Technologist in terms of the Engineering Profession Act (Act 46 of 2000) with at least 10 years of experience in the geotechnical field. It is essential that the incumbent has developed the necessary competencies and experience in all aspects pertinent to geotechnical engineering works.

### 1 X Land Surveyor

- Verification and monitoring of survey and setting out activities are critical to the successful completion of the project. Activities shall include, but is not limited to, approving setting out by Contractor, monitoring of layerworks, verifying as-built data, and general surveys deemed necessary.
- The *Consultant* may procure the *services* of an experienced land surveyor should they not have these services inhouse.
- The land surveyor shall be in possession of a Bachelor of Science Degree/ Bachelor of Technology in Land Surveying, registered as a Professional Surveyor/Technologist surveyor in terms of the South African Geomatics Council (SAGC) with at least 10 years of experience in the Land Surveying field. It is essential that the incumbent has developed the necessary competencies and experience in all aspects pertinent to Land Surveying works.

**Attached submissions to this schedule:**

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**Scoring of the Management & Cv's as follows:**

	<b>NEC Supervisor/Resident Engineer Qualifications and Experience - 0.30 weighting</b>	<b>Structural/Bridge Engineer Qualifications and Experience - 0.20 weighting</b>	<b>Civil Engineer Qualifications and Experience – 0.20 weighting</b>	<b>Electrical Engineer Qualifications and Experience – 0.1 weighting</b>	<b>Geotechnical Engineer Qualifications and Experience – 0.1 weighting</b>	<b>Land Surveyor Qualifications and Experience – 0.1 weighting</b>
<b>No Response (score 0)</b>	The tenderer has submitted no information or inadequate information to determine a score or key persons not professionally registered with the relevant body or do not have the prerequisite qualifications or certificates or experience is not relevant to the scope of works.					
<b>Poor (score 40)</b>	NEC Supervisor/Resident Engineer with relevant experience of less than twelve (12) years with prerequisite qualifications	Structural/Bridge Engineer with relevant experience of less than twelve (12) years with prerequisite qualifications.	Civil Engineer with relevant experience of less than ten (10) years with prerequisite qualifications.	Electrical Engineer with relevant experience of less than ten (10) years with prerequisite qualifications.	Geotechnical Engineer with relevant experience of less than ten (10) years with prerequisite qualifications.	Land Surveyor with relevant experience of less than ten (10) years with prerequisite qualifications.
<b>Satisfactory (score 70)</b>	NEC Supervisor/Resident Engineer with relevant experience of twelve (12) years with prerequisite qualifications.	Structural/Bridge Engineer with relevant experience of twelve (12) years with prerequisite qualifications.	Civil Engineer with relevant experience of ten (10) years with prerequisite qualifications.	Electrical Engineer with relevant experience of ten (10) years with prerequisite qualifications.	Geotechnical Engineer with relevant experience of ten (10) years with prerequisite qualifications.	Land Surveyor with relevant experience of ten (10) years with prerequisite qualifications.
<b>Good (score 90)</b>	NEC Supervisor/Resident Engineer with relevant experience of greater than twelve (12) years but less than fifteen (15) years with prerequisite qualifications.	Structural/Bridge Engineer with relevant experience of greater than twelve (12) years but less than fifteen (15) years with prerequisite qualifications.	Civil Engineer with relevant experience of greater than ten (10) years but less than twelve (12) years with prerequisite qualifications.	Electrical Engineer with relevant experience of greater than ten (10) years but less than twelve (12) years with prerequisite qualifications.	Geotechnical Engineer with relevant experience of greater than ten (10) years but less than twelve (12) years with prerequisite qualifications.	Land Surveyor with relevant experience of greater than ten (10) years but less than twelve (12) years with prerequisite qualifications.
<b>Very good (score 100)</b>	NEC Supervisor/Resident Engineer with relevant experience equal to or greater than fifteen (15) years with prerequisite qualifications.	Structural/Bridge Engineer with relevant experience equal to or greater than fifteen (15) years with prerequisite qualifications.	Civil Engineer with relevant experience equal to or greater than twelve (12) years with prerequisite qualifications.	Electrical Engineer with relevant experience equal to or greater than twelve (12) years with prerequisite qualifications.	Geotechnical Engineer with relevant experience equal to or greater than twelve (12) years with prerequisite qualifications.	Land Surveyor with relevant experience equal to or greater than twelve (12) years with prerequisite qualifications.