

Scope of Work

1. BACKGROUND

The VUT requires the services of a Multi-Disciplinary Professional Team for the Design, Supervision and Closeout of a New Non-Destructive Testing Work Integrated Learning (Wil) Simulation Centre for The Vaal University Of Technology: Sebokeng Campus.

Space Planning Specification

Space code	Space category	Proposed use of space	Stations (if applicable)	ASMs	SCU per ASM	SCUs
1210	Class Laboratory	Visual Testing, Ultrasonic Testing, Eddy Current Testing.	20	100	1,75	175
1210	Class Laboratory	Radiographic Testing	20	100	1,75	175
1210	Class Laboratory	Magnetic Testing, Penetrant Testing	20	100	1,75	175
1215	Class Laboratory	3 x Storerooms for equipment RT, UT, VT, ECT, MT & PT	0	30	1,75	52,5
1215	Class Laboratory	Special Use Facility, e.g. Demonstration of other NDT	20	100	1,75	175
1300	Offices	1 x Administration; 2 x Technician Offices	0	45	1	45
		TOTALS	n/a	475	n/a	797,5

2. PROFESSIONAL SERVICES REQUIRED: MULTI-DISCIPLINARY TEAM

Based on the Project Requirements, the following Professional Services are required:

- Project Management
- Architect
- Quantity Surveyor
- Civil/Structural Engineer
- Electrical Engineer
- Mechanical Engineer

List of compulsory returnable schedules

(Failure to submit/complete the below returnables will result to disqualification)

1. Returnable schedules that will be used for Risk Assessment:

- T2.2.A: Record of Addenda to Tender Documents (**where Addendi were issued**)
- T2.2.B: Compulsory Enterprise Questionnaire (must be fully completed).
- T2.2.C: Proof of authorisation of signatory (must be fully completed otherwise the tender will not be considered)
- T2.2.D: Compulsory briefing meeting: The attendance register will be used to verify attendance of the briefing session.
- T2.2.E: Preference schedule: Broad Based Black Economic Empowerment Status
- T2.2.F: Copy of Business Entity Registration (Submission of CIPC Registration) relevant to Public/Private Companies and Closed Corporations. Or, Certified ID Copy/s of Registered Members (Relevant to Sole Proprietaries and Partnerships).
- T2.2.G: Submit valid Certificate of Good Standing with Workman Compensation Commissioner (COIDA) at the time of submission of the bid. Expired COIDA certificates will not be considered.
- T2.2.H: Central Supplier Database Registration Report (Not older than 3 months report from date of closure of tender).
- T2.2.I: **Staffing Profile:**
 - **Construction Project Manager (Current and valid registration):**
 - Professionally Registered Construction Project Manager with SACPCMP registration.
 - Bachelor's Degree in any of the following Built Environment Qualifications:
 - Construction Project Management,
 - Civil Engineering,
 - Electrical Engineering,
 - Mechanical Engineering(Should include fire and work services engineer),
 - Quantity Surveying,
 - Architectural Studies.

NB: PROJECT MANAGER CANNOT BE UTILISED ON ANY OTHER DISCIPLINE

- **Architect or Senior Architectural Technologist (Current and valid registration):**
 - Professionally Registered as a Professional Architect or Senior Architectural Technologist with SACAP.
- **Quantity Surveyor (Current and valid registration):**
 - Professionally Registered as a Professional Quantity Surveyor with SACQSP.
- **Electrical Engineer or Electrical Engineering Technologist(Current and valid registration):**
 - Professionally Registered as an Electrical Engineer or Electrical Engineering Technologist with ECSA.
- **Mechanical Engineer or Mechanical Engineering Technologist(Current and valid registration):**
 - Professionally Registered as a Mechanical Engineer or Mechanical Engineering Technologist with ECSA.
- **Civil/Structural Engineer or Civil/Structural Engineering Technologist(Current and valid registration):**
 - Professionally Registered as a Civil/Structural Engineer or Civil/Structural Engineering Technologist with ECSA.

Submit the CV'(s) with a certified copy of qualification certificate.

- T2.2.J: In respect of a single bidder, the employer shall not award a contract to any tenderer that does not hold valid Professional Indemnity (PI) Insurance providing cover in an amount of not less than R5 000 000 per any claim that might occur , appended to Schedule 8, Part T2.2: Returnable Schedules.

Where the entity tendering is a joint venture then the value of the PI insurance cover required may be shared between the joint venture partners in proportion to the percentage contribution of each party to the joint venture.

- SBD 2: Valid Tax Clearance Certificate and/or Tax Compliance Status Pin (Issued by SARS).
- SBD 4: Duly completed and signed Declaration of Interest.
- SBD 8: Declaration of Bidders Past Supply Chain Management Practices.
- SBD 9: Duly completed and signed Certificate of Independent Bid Determination.

Functionality criteria	Weighting Factor
T2.1.A: Locality	
<p><i>Means of verification:</i> Either proof of residence, Utility bill or Lease agreement to the name of the tendering firm.</p> <p>Vaal Area= 10 Points</p> <p>Gauteng Province except the Vaal Area = 5 Points</p> <p>Other Provinces=3 Points</p>	10 Points
T2.1.B: Experience and Resource Capacity. Similar nature is in line with the Project Specification	
Schedule of similar nature and completed Projects in the last 5 years (Completion Certificates, letter of award/contract and reference letters on official letterheads of reference provided to be provided)	
<p>List of different Projects, value, and duration, start date/completion date and Clients/Principal Consultants</p> <ul style="list-style-type: none"> Minimum 3 Projects of similar nature (10 points per project) - Tenderers must submit where they acted as Principal Agent all the building work projects (the analysis and design of new and remedial works) that have been successfully completed and the Cost of Work exceeded R10m (Excl VAT) per project over the past 5 years, or that are underway at present. <p>Note: each project to be supported with proof of appointment letter/contract, completion certificates and contactable references. No points will be allocated if no letter of appointment, no successful completion certificate and no contactable references have been provided. Supporting documents must be for the same project for points to be allocated.</p>	30 Points
Competency and Management Structure	
T2.1.C: Submission of Project specific Organogram showing Key Personnel with CV's.	
Names, titles, and number of years of experience on one page for Project Specific Organogram	
<p>Submit the CVs with references as per Project Organogram:</p> <ol style="list-style-type: none"> Construction Project Manager or similar - Bachelor's Degree or higher in Built Environment; and <ul style="list-style-type: none"> More than 10 Years' experience = 10 points 5 to 10 Years' experience = 5 points Less than 5 years = 3 points Electrical Engineer or Electrical Engineering Technologist - Bachelor's Degree or higher in Built Environment; and <ul style="list-style-type: none"> More than 8 Years' experience = 5 points 5 to 8 Years' experience = 3 points Less than 5 years = 1 point Mechanical Engineer or Mechanical Engineering Technologist - Bachelor's Degree or higher in Built Environment; and <ul style="list-style-type: none"> More than 8 Years' experience = 5 points 5 to 8 Years' experience = 3 points Less than 5 years = 1 point Quantity Surveyor - Bachelor's Degree or higher in Built Environment; and <ul style="list-style-type: none"> More than 8 Years' experience = 5 points 5 to 8 Years' experience = 3 points Less than 5 years = 1 point Architect or Senior Architectural Technologist - Bachelor's Degree or higher in Built Environment; and <ul style="list-style-type: none"> More than 8 Years' experience = 5 points 5 to 8 Years' experience = 3 points Less than 5 years = 1 point Civil/Structural Engineer or Civil/Structural Engineering Technologist - Bachelor's Degree or higher in Built Environment; and <ul style="list-style-type: none"> More than 8 Years' experience = 5 points 5 to 8 Years' experience = 3 points Less than 5 years = 1 point <p>(Note: All names and Titles must be clearly indicated as mentioned above and note that it is advisable that 2 pager CVs be submitted with the required information as per above)</p>	35 Points
T2.1.D: Technical Approach and Methodology	
Submission of detailed Programme including how time will be managed	
Submit detailed Project Programme indicating the six (6) stages stipulated on page 85 on the duration of each stage.	20 Points
T2.1.E: Health and Safety Compliance	
<p>Health and Safety Officer: At least a Diploma at NQF Level 6 and provide professional registration certificate with SAIOSH, NOSA or SACPCMP.</p> <p>Submit the CV'(s) with a certified copy of qualification certificate.</p>	5 Points
Total	100