



REQUEST FOR PROPOSAL

PROVIDE PROFESSIONAL TURNKEY DESIGN, COST ESTIMATING PROJECT IMPLEMENTATION AND CONSTRUCTION MANAGEMENT SERVICES FOR A 48 HOUR WATER BACKUP SYSTEM FOR SOWETO CAMPUS, FOR THE UNIVERSITY OF JOHANNESBURG (UJ).

SPECIFICATIONS

1. General

The University of Johannesburg (UJ) cordially invites you to submit a proposal for the provision of **professional turnkey design, cost estimating, project implementation and construction management services**, as detailed below, to UJ – Central Technical Services (CTS); on the premise as referred to:

The fee proposal to be structured as per the latest guideline scope of services and tariff of fees for persons registered in terms of the relevant Engineering and the Built Environment legislation:

- Quantity Surveying Profession Act, 2000 (Act no 49 of 2000).
- Mechanical/Civil Engineering Profession Act (Wet Services Engineer), 2000 (Act no 46 of 2000)

The request for you to provide **professional turnkey design, cost estimating, project implementation and construction management services** to the University of Johannesburg are based upon the following:

2. Scope Description

2.1 Project Title: 48-Hour Water Storage Backup System

The project calls for a suitable supplier that can provide **professional turnkey design, cost estimating, project implementation and construction management services** to facilitate and implement the University of Johannesburg's 48 Hour Water Storage Backup System that is to be located at the UJ Soweto Campus.

2.2 Project Specification

2.2.1 Scope of Professional Service

The University of Johannesburg requires the following professional service providers for the **professional turnkey design, cost estimating, project implementation and construction management services** to carry out a 48 Hour Water Backup Storage design and construction, including complete professional services for all six works stages of the project cycle.

Professional and Construction Management Service Providers Required:
Professional turnkey design, cost estimating, project implementation and construction management services

- Mechanical/Civil Engineer (Wet Services Engineer)
- Quantity Surveying
- Project Implementation and Construction Management Services

The service provider must state clearly the specific professional discipline that it wishes to tender for.

The scope of the work generally entails the activities in all the works stages of the project as indicated below:

- Work stage 1: Inception
- Work stage 2: Concept and viability
- Work stage 3: Design development
- Work stage 4: Documentation and procurement
- Work stage 5: Construction
- Work stage 6: Close-out.

2.2.2 Client

The client for this project is the University of Johannesburg, represented by Central Technical Services (CTS), situated at 16 Ditton Avenue, Auckland Park, Johannesburg.

3. Professional Consultant's Responsibility

The consultant and contractor team must ensure that the essential professional services that may be deemed necessary for the speedy execution of the project are specified and cost within their brief.

The principal responsibilities of the professional consultants will be to:

- Provide **professional turnkey design, cost estimating, project implementation and construction management services** consistent with best practices from their area of expertise.
- Ensure compliance with all applicable regulations
- Identify options and report on the recommended works, including estimated costs for the execution of the works.
- Allow to costing using the two different systems that are used in industry
- Communicate with the relevant stakeholders.
- Determine the best size storage tank using the current average meterage reading assumptions – an average consumption per day will be determined
- Monitor and check the work of each sub-consultant / service provider, where relevant.

4. **Timeline and Budget for Project**

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|--|----------------------|
| • Procurement process and request for bids | April – July 2022 |
| • Appointment of successful bidder | July 2022 |
| • Complete designs | September 2022 |
| • Construction | Oct – Dec 2022 |
| • Project Completion and Close-Out | January – March 2023 |

The project execution will be in the 2022 financial year – using the Strategic Initiative Funds.

5. **Legal Compliance**

All work to comply with the Occupational Health and Safety Act (Act 85 of 1993) and all sub-regulations. All work is to be carried out in accordance with the requirements set out in the SANS 10400 – National Building Regulations and relevant SANS regulations applicable to a project of this nature.

6. **Commencement of Work**

The turnkey service provider is to commence work within seven (7) days from the issue of an official purchase order from UJ and the signature of the PROCSA 4th addition and the JBCC Minor Works Contract for the Construction Works.

7. **Scope of Services**

High-Level Objectives:

1. Design and Supply the 48 Hour Water Backup Storage System for Soweto Campus.
2. The system needs to operate for at least 48 hours when the municipal line is disrupted.
3. Provide water for the Soweto Campus population during water problems and shutdowns.
4. The system should provide measures to ensure that water is always safe to drink according to applicable standards and legislation in this regard.
5. The system should incorporate energy efficient equipment where possible
6. Equipment should be able to be maintained on a generic basis in the long term and not be supplier or OEM limited
7. Design should consider and integrate where and/or if applicable with fire water and irrigation supply
8. Project implementation to be strictly managed within the available budget.

Location:

SOWETO CAMPUS

SWC Campus Main Entrance:

Item	Location	Details of Work
1	SWC Campus	To Design and Implement a 48 Hour Water Back Storage System

The current water supply feed is located at SWC Main Entrance, and should be used as reference.

8. Pricing Schedule

Pricing is to be carried out in accordance with the PROCSA agreement for professionals as amended by the University. Pricing will include all stages from 1 to 6 as per the schedule attached at the end of this document.

9. Contractual Agreement

The successful design and supply supplier will sign a Service Level Agreement with the University of Johannesburg as compiled by the Client and the Department of Corporate Governance of the University of Johannesburg. The SLA will be provided to the successful bidder on the award of the contract and will outline the agreement between the parties, procedures to follow, a penalty clause, dispute resolution and general obligations of both parties.

10. Proposal Evaluation Conditions

The fee proposal will be evaluated using the following criteria:

- Price 80 Points
- B-BBEE 20 points

10.1 Functionality Evaluation

In keeping with the University's policy of operating, maintaining and continuously improving its first-class facilities, it is imperative that the appropriate service providers be sourced to match the requirements. In order to achieve this, the following functionality criteria is introduced to score the submitted proposals. In order for the fee proposal to be considered, the consultant must achieve a minimum score of 70 for functionality as stated below.

Please note that only the Professional Consulting bids that meet the minimum criteria of 70 points for functionality will be further considered for evaluation of their fee proposal.

10.2 Functionality Evaluation Matrix

Area	Criteria	Points per Item	Max Scoring Points / (Min acceptable)
Relevant Experience Schedule	No similar projects within the past 5 years. Reference letters must be submitted for each project listed. <ul style="list-style-type: none">• 3 similar projects (18) + references (12)• 4 similar projects (24) + references (16)• 5 + similar projects (30) + references (20)	30 points 40 points 50 points	50 / (30)
Project Brief/Plan	Understanding of the project <ul style="list-style-type: none">• Understanding the requirements. Provide a 1 page brief of your understanding of the requirements (5)• Summary of the design includes the type of equipment to be used, incorporate energy efficient equipment and general configuration (5).• Summary of measures to put in place to ensure that water will always be safe for a drink, reference relevant standards (5).	5 points 5 points 5 points 5 points	30 / (20)

	<ul style="list-style-type: none"> Summary to indicate how this will affect fire and irrigation water supply (5). Intended execution (approach) of the project. Provide a 1 page brief of how you intend to execute the project from inception to close-out using the artificial turf and the synthetic surface (5) Work-plan indicating all 6 work stages, the timelines and project duration (5) 	5 points	
Project Team	<p>List of the key personnel proposed for the project which must include:</p> <ul style="list-style-type: none"> Architecture, Quantity Surveyor, Civil and Structural Engineer – must be professionally registered The team leader of all professional service providers The team leader of the proposed contractor <p>Overall Team Review:</p> <ul style="list-style-type: none"> Key personnel's qualification certificates Key personnel's professional registration Key personnel's experience of similar work. Provide a short CV's of each of the key personnel that will be assigned to the project. 		15
Project Organogram	Provide an organogram chart indicating key personnel's position and role in the project. (5)		5
Total			100

Table 1: Functionality Matrix

11. List of Returnable Documents

1. B-BBEE Certification
2. SARS Accreditation documentation and Tax Clearance certification.
3. Accredited as a UJ Supplier confirmation
4. Relevant Experience Schedule (**please refer to 10.2 – Functionality Matrix**)
5. Project Brief / Plan (**please refer to 10.2 – Functionality Matrix**)
6. Project Team, list of key personnel including qualified & registered professional personnel (**please refer to 10.2 – Functionality Matrix**)
7. Schedule of Expertise (**please refer to 10.2 – Functionality Matrix**)
8. Pricing Schedule indicating professional fees, disbursement costs, any other relevant fees / mark-up & discounts and value added tax.
9. Project Team Organogram (**please refer to 10.2 – Functionality Matrix**)

12. Pricing Schedule

PROVIDE PROFESSIONAL TURNKEY DESIGN, COST ESTIMATING, PROJECT IMPLEMENTATION AND CONSTRUCTION MANAGEMENT SERVICES FOR A 48 HOUR WATER BACKUP STORAGE SYSTEM AT SOWETO CAMPUS, FOR THE UNIVERSITY OF JOHANNESBURG (UJ).

State the Professional Service and Construction Implementation Costs :.....

Item	Activity Description	Unit	Qty.	Rate	Amount
1	Stage 1: Inception	Sum			
2	Stage 2: Concept and viability	Sum			
3	Stage 3: Design development	Sum			
4	Stage 4: Documentation and procurement	Sum			
5	<i>Sub Total</i>				
6	<i>15% Value added Tax</i>				
7	<i>TOTAL COST (including VAT)</i>				

CONSTRUCTION PHASE:

Item	Activity Description	Unit	Qty.	Rate	Amount
8	Stage 5: Construction management and project construction	Sum			
9	Stage 6: Close-out	Sum			
10	<i>Sub Total</i>				
11	<i>15% Value added Tax</i>				
12	<i>TOTAL COST (including VAT)</i>				

13	<i>GRAND TOTAL (7+12)</i>	R
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Project Requestor:

Project Manager: Central Technical Services: Facilities Management



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Khutso Rammutla

01 April 2022
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Date

RECOMMENDED:

Issue RFP for Provide Professional Turnkey Design, Cost Estimating, Project Implementation and Construction Management Services for a 48 Hour Water Backup Storage System at Soweto Campus

Recommended Budget: Finance Business Partner

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Rene Brooks

04 APR 2022
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Date

Recommended: Director: Central Technical Services


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Mr Greg James

1 April 2022
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Date

Recommended: Campus Director: Soweto


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Mr Dirkie Van Der Watt

1 April 2022
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Date

Recommended: Executive Director: Facilities Management


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Prof Andre Nel

1 April 2022
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Date

Approval: Chief Operating Officer


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Dr Mpoti Ralephata

04 April 2022
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Date