



**AGRICULTURAL RESEARCH COUNCIL**

**REQUEST TO TENDER FOR:**

**TENDER NO: ARC/33/03/2024**

**Alternative Power Solution for the Genomics Lab and HPC at ARC Biotechnology Platform**

**Tender Requirements & Special Conditions & Functionality**



**1.1 COMPULSORY ADMINISTRATIVE REQUIREMENTS FOR THE TENDER**

The bidders shall provide the ARC (accompanying the bid document on the closing date/time) with the following information:

Criteria	Description of the criteria
1.1.1	Attendance of the compulsory briefing session. It is important for all bidders to attend briefing session as essential information relevant to the bid will be shared with all prospective bidders.
1.1.2	The potential bidder must submit three (3) bid proposals as follows: <ul style="list-style-type: none"><li>i. Two (2) hard copies (one original and one copy)</li><li>ii. One (1) electronic copy in PDF format saved on a memory stick, clearly marked, and indexed.</li><li>iii. Bid proposals must be *properly bonded (not stapled), **clearly numbered and ***divided indexed</li></ul>
1.1.3	Submission of mandatory administrative documents. Bidders must fully complete and submit the following documents, certified copies must not be more than six (6) months: <ul style="list-style-type: none"><li>i. Certified copies of the bidders CIPC documents listing the type of organisation and director information. The company must not be on deregistration status or on awaiting deregistration status.</li><li>ii. Submission of proof of the bidder's registration on the CSD (Full report)</li><li>iii. Standard bidding documents completed in full and signed off by a duly authorised person</li></ul>

**1.2 COMPULSORY TECHNICAL REQUIREMENTS**

Criteria	Comply	Do Not Comply
1.2.1 CIDB Grade 1 GB & Grade 3 EP 1.2.2 Licenced Solar PV Green Card Practitioner 1.2.3 Paint Applicator must have SACSA registration. 1.2.4 Minimum SRI (Solar Radiance Index) of 0.75 three years after application of paint. 1.2.5 Provide at least a 10-year paint and applicator warranty on the paint and work performed		
<b>Substantiation: The Bidder Must have the requisite CIDB Grade to be considered for this Tender</b>		

**1.3 SPECIAL CONDITIONS FOR THE TENDER**

Criteria	Comply	Do Not Comply
1.3.1 The PV system to be signed off by Professional Engineer (Pr. Eng.) or Professional Technologist (Pr. Tech.) 1.3.2 PV solar system design must be approved by Pr. Eng. or Pr. Tech 1.3.3 Letter of installation and commissioning approval from Eskom or municipality. 1.3.4 A Certificate of Conformance (COC) must be issued by a licensed wiremen upon completion of all electrical work. 1.3.5 Ten (10) Year Warranty on Batteries and associated components. 1.3.6 Twenty-Five (25) Year Warranty on fitted Solar Panels 1.3.7 Ten (10) Year warranty on the Inverter(s) and associated components 1.3.8 At least ten (10) year paint and applicator warranty on paint and work performed 1.3.9 20L additional paint to be provided for maintenance. Indicate to ARC Facilities how to apply product for touch-ups 1.3.10 All workers to sign indemnity and undergo security vetting prior activities onsite.		
<b>Substantiation: The bidder must Comply with All the Special Conditions for their bid submission to be considered for further evaluation</b>		

<p>THE FOLLOWING VALUES/ INDICATORS WILL BE APPLICABLE WHEN EVALUATING FUNCTIONALITY:</p> <p><b>1 = POOR; 2 = FAIR; 3 = AVERAGE; 4 = GOOD; 5 = EXCELLENT</b></p>	<p><b>WEIGHT</b></p>					
<p><b><u>Schedule A: Key Personnel / Project Team</u></b></p> <p>The personnel as listed will be the site team and may not be changed at the time of implementation <b>without</b> prior notice to the Employer (ARC-BTP). Any replacement personnel will have similar or better qualifications. A detailed CV <b>must</b> be submitted for each team member, clearly showing the years of experience, Qualification and details of experience. Qualification and trade certificates to be attached to claim points. Post qualification experience will be determined from the date of qualification supported by a certified certificate. A tenderer who fails to submit a certificate will forfeit the points on experience. An incomplete team will lead to automatic disqualification.</p> <p><b>NOTE:</b> CVs of all key personnel should be completed as per Schedule A, clearly stating their relevant experience to date.</p> <ul style="list-style-type: none"> <li>• <b>A minimum of three (3) years relevant work experience post qualification is required</b></li> <li>• Site Manager: A National Diploma in Civil Engineering and a minimum of three (3) years of construction related working experience post qualification</li> <li>• Safety Officer: A Safety Qualification and a minimum of three (3) years of construction related working experience post qualification.</li> <li>• Electrician: A Trade Qualification and minimum of three (3) years relevant work experience post qualification.</li> <li>• Carpenter: A Trade Qualification and minimum of three (3) years relevant work experience post qualification.</li> </ul> <table border="1" data-bbox="136 946 1529 1342"> <tr> <td>1 Point = No information provided</td> </tr> <tr> <td>2 Points = Site Manager and 1 mentioned Key staff personnel with the relevant experience as listed above</td> </tr> <tr> <td>3 Points = Site Manager and 2 mentioned Key staff personnel with the relevant experience as listed above</td> </tr> <tr> <td>4 Points = Site Manager and 3 mentioned Key staff personnel with the relevant experience as listed above</td> </tr> <tr> <td>5 Points = Site Manager and ALL mentioned Key staff personnel with the relevant experience as listed above</td> </tr> </table>	1 Point = No information provided	2 Points = Site Manager and 1 mentioned Key staff personnel with the relevant experience as listed above	3 Points = Site Manager and 2 mentioned Key staff personnel with the relevant experience as listed above	4 Points = Site Manager and 3 mentioned Key staff personnel with the relevant experience as listed above	5 Points = Site Manager and ALL mentioned Key staff personnel with the relevant experience as listed above	<p><b>25</b></p>
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<p><b><u>Schedule C: Previous Experience</u></b></p> <p>Similar project experience as the work tendered for i.e. refurbishment of buildings, roof refurbishment or basement repairs (waterproofing) in the past 8 years. Successful Completion Certificates to be attached or signed reference letters of successful completion by Client on their letterhead.</p> <table border="1" data-bbox="151 1198 1276 1780"> <thead> <tr> <th></th> <th align="center"><b>Total</b></th> </tr> </thead> <tbody> <tr> <td>1 point will be allocated to a tenderer who has done similar project/s with a <b>combined</b> value of less than R1 000 000 in the last 8 years.</td> <td align="center"><b>1</b></td> </tr> <tr> <td>2 points will be allocated to a tenderer who has done similar project/s with a <b>combined</b> value between R1 000 000 and R2 000 000 in the last 8 years.</td> <td align="center"><b>2</b></td> </tr> <tr> <td>3 points will be allocated to a tenderer who has done similar project/s with a <b>combined</b> value between R2 000 000 and R3 000 000 in the last 8 years.</td> <td align="center"><b>3</b></td> </tr> <tr> <td>4 points will be allocated to a tenderer who has done similar project/s with a <b>combined</b> value between R3 000 000 and R4 000 000 in the last 8 years.</td> <td align="center"><b>4</b></td> </tr> <tr> <td>5 points will be allocated to a tenderer who has done similar project/s with a <b>combined</b> value between R4 000 000 and R5 000 000 in the last 8 years.</td> <td align="center"><b>5</b></td> </tr> </tbody> </table>		<b>Total</b>	1 point will be allocated to a tenderer who has done similar project/s with a <b>combined</b> value of less than R1 000 000 in the last 8 years.	<b>1</b>	2 points will be allocated to a tenderer who has done similar project/s with a <b>combined</b> value between R1 000 000 and R2 000 000 in the last 8 years.	<b>2</b>	3 points will be allocated to a tenderer who has done similar project/s with a <b>combined</b> value between R2 000 000 and R3 000 000 in the last 8 years.	<b>3</b>	4 points will be allocated to a tenderer who has done similar project/s with a <b>combined</b> value between R3 000 000 and R4 000 000 in the last 8 years.	<b>4</b>	5 points will be allocated to a tenderer who has done similar project/s with a <b>combined</b> value between R4 000 000 and R5 000 000 in the last 8 years.	<b>5</b>	<p><b>25</b></p>
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<p><b><u>Schedule D – Project Plan</u></b></p> <p>The bidder shall provide a detailed level 5 tier project schedule on a Gantt Chart, (refer to the specifications and BOQ and the scope of works for details) through to handover. Schedule shall include the following aspects:</p> <ul style="list-style-type: none"> <li>• All activities / work breakdown structure above</li> <li>• timelines</li> <li>• resources to be used</li> <li>• logical sequence of activities</li> <li>• Schedule must include critical path</li> </ul> <table border="1" data-bbox="151 810 1276 1198"> <thead> <tr> <th></th> <th align="center">Total</th> </tr> </thead> <tbody> <tr> <td>1 Point = No project plan submitted on a Gantt Chart</td> <td align="center">1</td> </tr> <tr> <td>2 Points = Project plan submitted with only one (1) aspect as stated on a Gantt Chart.</td> <td align="center">2</td> </tr> <tr> <td>3 Points = Project plan submitted with only two (2) aspects as stated on a Gantt Chart. .</td> <td align="center">3</td> </tr> <tr> <td>4 Points = Project plan submitted with only three (3) aspects as stated on a Gantt Chart.</td> <td align="center">4</td> </tr> <tr> <td>5 Points = Project plan submitted with all aspects as stated on a Gantt Chart.</td> <td align="center">5</td> </tr> </tbody> </table>		Total	1 Point = No project plan submitted on a Gantt Chart	1	2 Points = Project plan submitted with only one (1) aspect as stated on a Gantt Chart.	2	3 Points = Project plan submitted with only two (2) aspects as stated on a Gantt Chart. .	3	4 Points = Project plan submitted with only three (3) aspects as stated on a Gantt Chart.	4	5 Points = Project plan submitted with all aspects as stated on a Gantt Chart.	5	<p align="center"><b>20</b></p>
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<p><b><u>Schedule E : Waste Management Plan</u></b></p> <p>The bidder shall provide a detailed waste management plan setting out provisions in place. The plan shall include:</p> <ul style="list-style-type: none"> <li>• Management, storage, collection, transportation and disposal of general, rubble, chemical, scrap &amp; e-waste,</li> <li>• SLA/ MOU with accredited landfill sites/ treatment facilities &amp; transporters for transportation &amp; disposal of waste including hazardous, e-waste &amp; scrap waste, address &amp; distance from site,</li> <li>• Type, size &amp; quantities of temporary storage facilities (bins, skip)</li> <li>• Frequency of waste removal. Monthly waste volume report ( which shall include &amp; not limited to waste type, waste volume, recycling, landfilling, incineration etc)</li> </ul>	<p align="center"><b>5</b></p>												

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	<b>Total</b>	
1 Point = Only 2 aspects or less, or no waste management plan submitted	<b>1</b>	
2 Points = Only 3 aspects demonstrated in the waste management plan	<b>2</b>	
3 Points = Only 4 aspects (Licences, activities, timelines, resources, logical sequence and critical path) with limited demonstration in the waste management plan	<b>3</b>	
4 Points = Only 4-5 aspects (Licences, activities, timelines, resources & logical sequence) clearly demonstrated in the waste management plan	<b>4</b>	
5 Points = All 6 aspects (Licences, timelines, resources & logical sequence) clearly demonstrated in the waste management plan	<b>5</b>	
WEIGHT PER SCHEDULE		MAX
<b>Schedule A: Key Personnel / Project Team</b>		<b>25</b>
<b>Schedule B: Letters of Recommendation</b>		<b>25</b>
<b>Schedule C: Previous Experience</b>		<b>25</b>
<b>Schedule D: Project Plan</b>		<b>20</b>
<b>Schedule E: Waste Management Plan</b>		<b>5</b>
<b>TOTAL</b>		<b>100</b>

**NOTE:**

- a) A tenderer who has scored **less than 70 points out of 100** points on the functionality section will not be considered any further.
- b) Should it be discovered that false information has been provided the tender (offer) shall be invalidated

**1. Compulsory Technical Requirement:**

**Bidders Must have a CIDB contractor grading of 1 GB & 2 EP or higher**

**2. The following Returnable Schedules will be required for tender evaluation purposes:**

- a) Schedule of key personnel including Curriculum vitae, and certified copies of qualifications
- b) Schedule of bidders experience (attach appointment letters and completion certificates)
- c) Proposed amendments, qualifications and alternatives
- d) Schedule of subcontractors for special work
- e) Form of intent to offer a performance guarantee

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- f) Certified B-BBEE Certificate issued by SANAS/Sworn Affidavit signed by EME representative/B-BBEE issued by Department of Trade and Industry (DTI)
- g) Letter of good standing
- h) Proposed execution programme
- i) Contractor's health and safety plan
- j) Contractors environmental management plan
- k) Valid Tax pin issued by SARS
- l) Full CSD Report

**3. Compulsory Returnable Schedules are certified copies / originals of the following documents where applicable.**

Failure to submit any of the documents **May** result in Disqualification.

- a) Certificate of Authority of Joint Ventures / Close Corporations / Partnership / Company / Sole Proprietor (Certified Copies of the Identity Documents in the Case of Sole Proprietor)
- b) Company registration documents (CK)
- c) Certified copies of Identity documents/ share certificates
- d) Schedule Registration Certificates of Entities - Joint Ventures / Close Corporations / Partnership / Company / Sole Proprietor
- e) Copy of Workmen's Compensation Registration Certificate (or proof of payment of contributions in terms of the Compensation for Occupational Injuries and Diseases Act No. 130 of 1993) – a Letter of Good Standing from Department of Labour
- f) Signed Form of Offer
- g) Fully completed Standard Bidding Documents according to Standard for Uniformity in Engineering and Construction Works Contracts (SBD 4, SBD 6.1, SBD, 6.2 SBD 8 and SBD 9)
- h) Fully completed original tender document

**4. Bidders who fail to attend the compulsory Site Briefing Meeting will be automatically disqualified.**

**NOTE: An Attendance Register will be circulated at the Tender Briefing Meeting**

**NOTE: Where any of the compulsory returnable schedules make a provision for signature, these schedules must be fully completed and signed. If not, the Bid may be disqualified.**

**NOTE: Contractor must be registered on the Central Supplier Database**