



**AGRICULTURAL RESEARCH COUNCIL**

**REQUEST TO TENDER FOR:**

**TENDER NO: ARC/16/11/2023**

**DESIGN, SUPPLY,  
INSTALLATION & COMMISSIONING OF THE GROUND-MOUNT OR CARPARK SOLAR  
PV SYSTEM AT ARC-ROODEPLAAT VIMP**

**Compulsory Briefing Session:**

**On the 30 November 2023 at 11:00 am: Thursday**

**At R573 Kwamhlanga Road / Moloto Road,**

**Roodeplaat West- VIMMP, Pretoria**

**Closing Date: 14 December 2023**

**TIME: 11H00 am**

**Bidder's Name:.....**

**Central Supplier Database number: .....**

**THE DETAILS AND CONTENTS OF THIS DOCUMENT ARE CONFIDENTIAL AND FOR  
CONSIDERATION AND RESPONSE BY THE RECORDED RECIPIENTS ONLY**



## 1. OVERVIEW

The Agricultural Research Council (ARC) is a Research Science and Technology institution of excellence in South Africa, which operates within the National System of Innovation. The ARC has a mandate for innovative and creative agricultural research, technology development and transfer aimed at the advancement of South African agriculture. Its operations are overseen by the ARC Council which is appointed by and accountable to the Minister for Agriculture, Forestry and Fisheries.

The Agricultural Research Council (ARC) invites suitably qualified and experienced service providers to provide the Architectural Services for the construction of a Centre of Excellence on Climate Smart Agriculture for Livestock and Crops at Roodeplaat.

## 2. TENDER SUBMISSION

Completed and sealed tender submissions reflecting “**and the name of the tenderer**” must be deposited into the Tender Box located at **1134 Park Street, Hatfield, Pretoria** for the attention of: “The Senior Supply Chain Manager”, **by no later than 11H00 (o’clock)** on.

Tender documents submitted after the closing time and date specified will not be considered.  
***No submissions sent by email or facsimile will be accepted.***

Bidders are requested to submit two (2) complete documents into the tender box (one original functionality proposal and one original for financial proposal) and prepare **three (3) copies of the functionality proposal**. A soft copy of the functionality and the financial proposal should also be submitted. The “two envelope system” will be used for this tender. One envelope shall be clearly marked “Functionality Proposal” and another be clearly marked “Financial Proposal”. The name of the bidder and the tender number should reflect on the “sealed” envelopes.

Email: mlindin@arc.agric.za/scm@arc.agric.za

**Closing Date: 14 December 2023**

**Closing Time: 11H00**



## DESIGN, SUPPLY, INSTALLATION & COMMISSIONING OF THE GROUND-MOUNT OR CARPARK SOLAR PV SYSTEM AT ARC-ROODEPLAAT VIMP

### 1. EXECUTIVE SUMMARY

Project Name: Agricultural Research Council Solar PV

Address: R573 & Moloto Rd, Roodeplaat, Pretoria, 0002

GPS Coordinates: 25°36'28.2"S 28°21'09.2"E

The proposed solar system size is **400.0kW<sub>peak</sub>** and a Battery Energy Storage System of **1000kWh**. The system is expected to generate around **827.60MWh** in its first year of operation, at a monthly average of **69.96MWh**. The life expectancy of the system is 25 years.

### 2. SYSTEM SCOPING

#### 2.1 Site

The solar panels are to be installed as a carport or/and ground mount structure. An off the shelf carport or ground mounting structure is specified for this solution.

#### 2.2 Load

The energy generated from the solar system will not exceed the campus' consumption, thus no electricity will be exported to the Eskom grid, and this is per National regulations. The Load must not exceed the solar system capacity in order to avoid powercuts and inverter damages.

#### 2.3 Low Voltage Distribution Board (LVDB)

All LVDBs will be reconfigured such that they will be able to receive all the energy produced from the solar power system. An electrical engineer shall conduct an assessment to ensure that the electrical distribution boards are correctly rated for the connection of the solar system. An electrical certificate of compliance shall be submitted after project completion.

### 3. SYSTEM INTRODUCTION - MICROGRIDS

#### 3.1 Why Micro-grid system?

- Develop the advantage of Distributed Power Generation (DPG).
- Weaken the impact and the negative effects caused by Centralized Power Generation.
- Put forward a new kind of distributed energy organization way and structure.

#### 3.2 What is Micro-grid system?

Be composed of all sorts of **Micro Energy Sources** (solar, diesel generating sets, fuel cells, miniature gas turbine, ESKOM, etc), **Energy Storage Device** (battery, the super capacitor, flywheel, etc.), **Load** and the **Control & Protection System**.

#### 3.3 What can Micro-grid system do?

- Has the parallel operation and independent operation ability
- Be able to realize the plug and play and seamless switch.

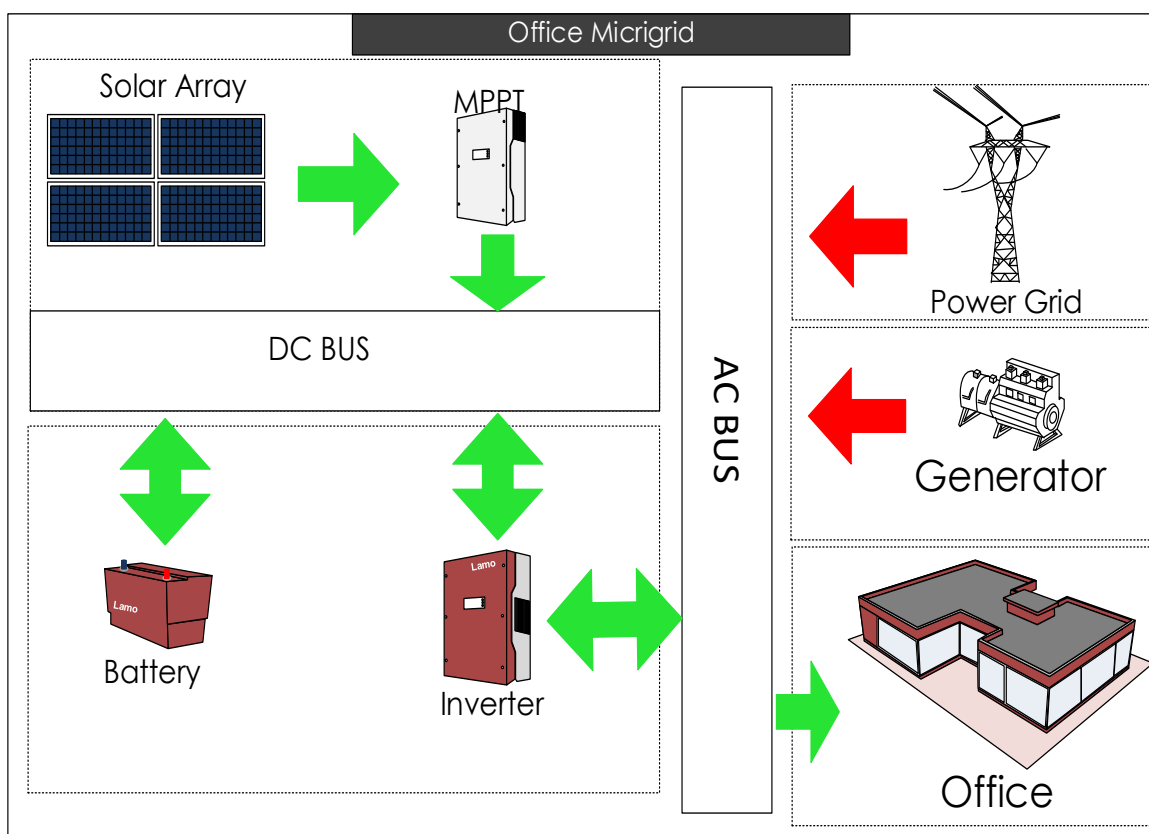


Figure 1: Microgrid schematic

#### 4. CURRENT ELECTRICITY SUPPLY SYSTEM

The building is supplied with electricity from a dual transformer system inside the premises, each with 500kVA (11kV/400V) capacity. The transformers supply two separate sections of main DB, with a busbar coupler which is used to connect the two sections when one transformer is down. There are two 800-amp three phase main circuit breakers in the main distribution board and several circuit breakers supplying section of the campus and other buildings in the premises.

**The switch gear in the main electrical chambers is very old and it is recommended that it get upgraded in the future.**

Figure 3 below details the current electrical supply system.

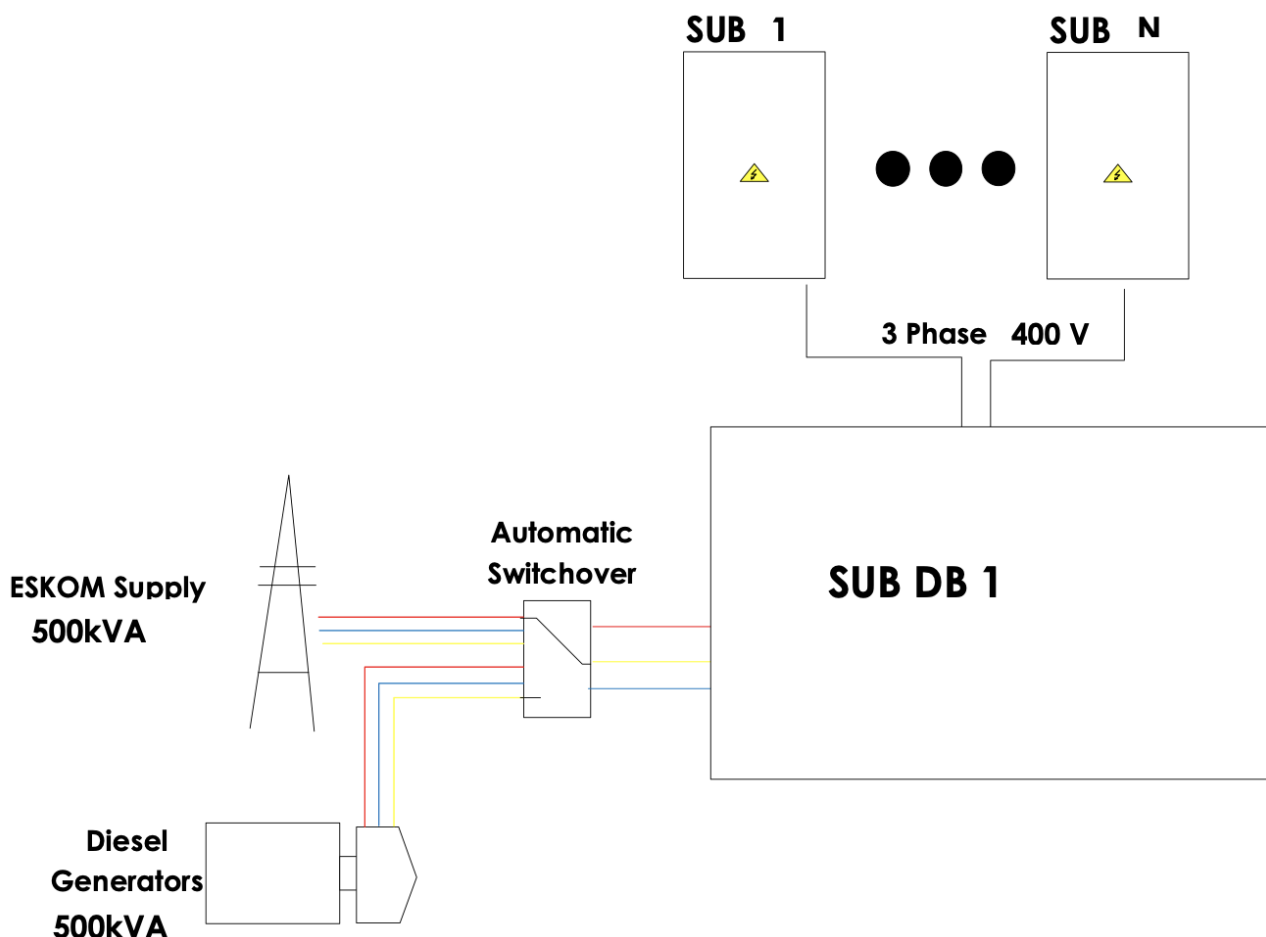


Figure 2: LV Electrical Network System

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## 4.1 Electricity Bill Analysis

The current electricity consumption of the facility over 6 months is 1 151.41MWh, averaging 191.9MWh per month, 6.27MWh per day. The energy demand charges average 513.34kVA per month, charged at R234.26/kVA in summer, and at R445,08/kVA in winter. The average cost of electricity is R1.13/kWh. Table 3 summarises the facility's energy usage and spend per month. The electricity bill readings for all months analysed are actual, and not estimated.

Indicators	Values
Average daily consumption	6269 kWh
Peak Apparent Power	1 218 kVA
Notified Maximum Demand	500 kVA

## 5. PROPOSED SYSTEM ARCHITECTURE

Figure 4 below shows a high-level hybrid system architecture of the building which is comprised of a grid-tie and a backup sub-system. This system represents an entry level microgrid solution. A common AC Bus allows for easy expansion of battery modules.

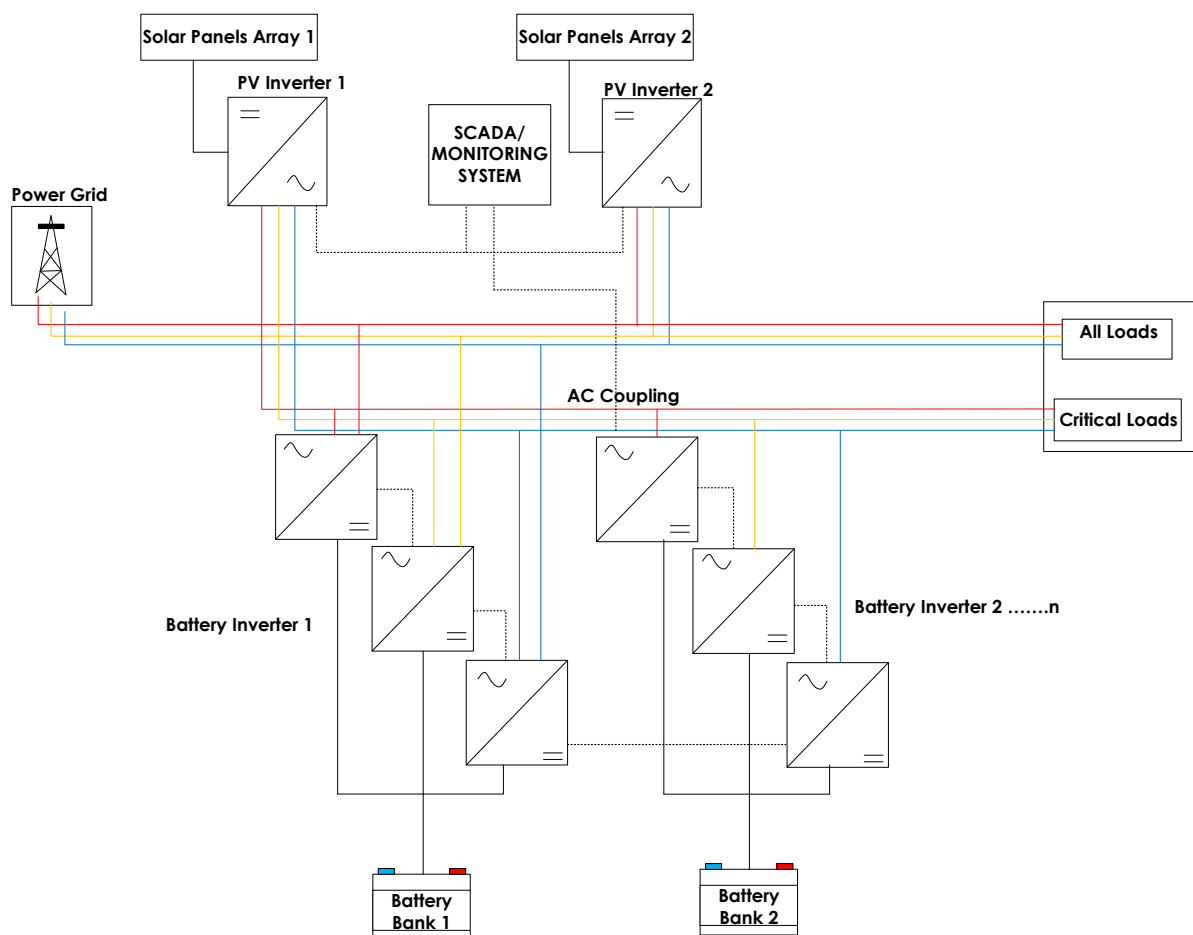


Figure 2: Hybrid System Architecture

## 5.1 Backup Sub-system

- The grid-tie sub-system needs a reference voltage and frequency to operate.
- The grid-tie sub-system comprised of solar module and PV inverter connected to the output of the backup sub-system or directly to the grid.
- PV energy from panels is used to supply loads and excess energy charges battery banks.
- In the event of power outage, the grid-tie sub-system switches off automatically according to the South African anti-islanding standards (NRS097-2) if connected to the grid, but it continues to operate when connected to the output of the backup sub-system.
- Generator can be used as a last backup source of power when batteries are depleted.

## 5.2 Solar Panel Sizing and Layout

The proposed system is based on an AC Coupled hybrid solution. The size of the solar system is determined by the average power requirements of the facility during office hours and the energy requirements between 07:00 and 17:00 is 6269kWh. The average daily sun hours to 25° tilt angle and 0° azimuth are 5.63 hours. The solar system is designed not to supply the

Roodeplaat- Proposed PV Solar Project Specifications



whole ARC Roodeplaat campus, but only a third of the energy requirements of the campus, calculated to be 2090kWh per day.

Solar Array Size =  $2090\text{kWh}/5,63\text{h} = 371,22\text{kW}$ ;

A loss factor of 10% is applied, therefore the proposed system is calculated to be:

**Solar System size = 371,22kW \* (1 + 10%) = 408kWp -> +/-400kWp**

For example: a 550Wp Polycrystalline solar module is selected:

Thus,  $\text{Number of solar panels} = \frac{400\,000 \text{ Wp}}{550 \text{ Wp}} = 727$

The selected area (carport or ground mount) will host 727 solar modules. The solar modules will cover a total area of 2000m<sup>2</sup>. Solar modules will be installed facing north

At a tilt angle of  $20^\circ$ .



Figure 3: Solar PV Layout



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### 5.3 Battery Storage Sizing

Ideally, the energy storage system is designed based on the energy storage capacity required to run the required loads uninterrupted for the whole day. Based on the load profile the average daily consumption is 6269kWh, which is high, and the Peak Demand is 1200kVA.

The backup system is design to have a capacity to supply 784 kWh (based on 2090kWh required for 3 buildings per day – 12 workibg hours) uninterrupted, which is calculated based on a 4.5 hour long load shedding period and the further removal of non-essential loads from the energy storage system. Other considerations are that the grid is available at least 50% of the time and it is backed up by a diesel generator, the high cost of battery storage system is also a big factor

A bi-directional inverter with an efficiency of 95% is considered.

- Thus, the ideal total daily energy storage is calculated to be:  
$$784\text{kWh} \div 95\% = 825 \text{ kWh}$$
- We also need to take into consideration the 80% DOD (Depth of Discharge),

Therefore, the required battery capacity is:

- $825 \text{ kWh}/80\% = 1031\text{kWh} \rightarrow \mathbf{1000\text{kWh}}$

## 6. MAIN EQUIPMENT TECHNICAL SPECIFICATION

### 6.1 Solar PV Modules

The Contractor shall supply and install the PV Modules to achieve the specified levels of performance for the required design life of 25 years under the prevailing site environmental conditions, which shall be determined by the Contractor.

Modules to be used should be reliable modules with a proven track record in performance, operation and obtaining long term debt (project finance). The Contractor shall ensure that PV modules are sourced from a Tier 1 manufacturer. All modules supplied shall be of the same type and from a single manufacturer. The PV modules must comply with the relevant international Electro-technical Commission (IEC) standards. Crystalline silicon modules are required to be IEC 61215 certified, thin film modules are required to be IEC 61646

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certified. Detailed specification sheets and certificates of compliance to these 14 standards are to be provided.

The Contractor shall be responsible to decide the module arrangements to minimize the losses due to mismatching. Where the manufacturer's module flasher data (measure the output performance of a solar PV module and are a standard testing procedure at manufacturers to ensure the conforming operability of each PV module) show an Impv deviation of not more than 3%.

## 6.2 Mounting Structure

The supporting structure of the modules and all other PV components shall be designed and installed in line with the relevant South African standards more in particular applicable for PV installations:

- SANS 10160 Part 2- Self weight and imposed loads
- SANS 10160 Part 3- Wind actions

The contractor must carefully select its mounting structures to match the life span of the whole system of 25 years. The mounting structures must have a minimum 10-year warrantee.

<b>A stable carport or ground mounting structure must ensure the following:</b>
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- |   |
|---|
| <ul style="list-style-type: none"><li>▪ Swift and unproblematic mounting.</li><li>▪ Optimum area utilization.</li><li>▪ Suitable for the selected Solar Modules to ensure warranty is void by manufacturer.</li><li>▪ Complete structural analysis prior installation.</li><li>▪ Must be made up of aluminum or steel.</li><li>▪ Durable and corrosion-free.</li><li>▪ Complete documentation in the form of system drawings.</li></ul> |
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## 6.3 Inverter and Charger Stage

The inverter/Charger stage must integrate seamlessly as one product or multiple products. Both an AC and DC coupled system will be considered, with contractor substantiating the reason for their selection.

The inverter stage must meet the following requirements:

- 
- The inverters/charge controllers shall have minimum warranty of 5 years, extendable to 15 years, and a life expectancy of 15 years.
  - The inverter/charger stage shall have a minimum of IP54 for outdoor mounting and an IP21 for indoor mounting.
  - The inverter/charger stage must accommodate for local and remote monitoring.
  - The inverter/charger stage must have a maximum power point tracking (MPPT) incorporated on the solar receiving device.

## **6.4 Battery Storage**

The batteries type shall be of any type:

- Lithium-ion batteries
- Lead acid (AGM, GEL, Flooded) batteries
- Flow batteries

The selected battery type must be compatible to the inverter supplied. The Battery bank must be designed for a minimum life cycle of more than 2000 cycles at a depth of discharge of 80%. The battery bank design must also take into consideration space constraints.

## **6.5 Scada/Monitoring System**

The main standard applicable is the IEC 61724.

A logging tariff meter is to be installed at the delivery point compliant with SANS 474/NRS 057. The meter shall be compatible and integrated into the monitoring system recordings.

The monitoring system must be designed and implemented in such a way to have a lifetime of 25 years. The monitoring system is to continuously measure data, electrical parameters and status of the PV plant components. Updated conglomerated data is to be available online at least every 30 minutes.

The monitoring system shall feature a UPS with 24-hour capacity to continue monitoring in times of grid outage. The monitoring system shall have an online platform with different levels of access control. The minimum data to be monitored are:

- DC current and voltage at the inverter input, per string
- Inverter behavior
- DC current and voltage input

- Output active and reactive power
- Phase voltage and current
- Grid/Generator frequency
- Grid/Generator status
- Energy output
- Alarms and faults
- Energy output at the export meter
- Auxiliary consumption at the import meter
- Status of the equipment (protection devices, inverters etc.)

## 6.6 Electrical Cables

AC Cable must be selected in accordance with the SANS10142 Part 1 standard. DC cables must comply with SANS1507 and TÜV 2 pfg 1169. All cables must satisfy the following maximum overall voltage drops:

- DC wiring between the arrays and the inverters must be < 3%
- AC wiring between inverters and distribution boards < 5%
- DC wiring between the Batteries and Inverterchargers must be <3%

## 6.7 Lightning Protection Earthing/Grounding

All module frames, mounting structure, all inverters and distribution boards must be bonded through earth continuity conductors to the electrical earth of the facility. The micro-grid earthing includes separate DC and AC earthing, and these two circuits should be kept separate.

The *Contractor* is to conduct a risk mitigation study of lightning damage as per SANS 10313 and IEC 62305 and implement sufficient Lightning Protection System (LPS).

Earthing shall comply with SANS 10142 Parts 1 (LV) and 2 (MV), SANS 10292 and SANS 10199. A neutral earthing design is required. Lightning protection devices should be also included on the communication lines.

As a general rule, each earthing point should go directly to the site earth and should not be combined with other earthing points before being connected to the site earth.

## 6.8 Circuit Protection and Control Devices

All circuit breakers and fuses shall be IEC and SANS certified, and the installation shall be in accordance with the relevant specifications. Switchgear used in any switchboards shall comply with SANS (IEC) 60947 and SANS (IEC) 62271.

## 6.9 DC Circuit Protection

The DC circuit protection includes the energy storage system and the PV System. The following are the circuit protection requirements for each of these two sub- systems:

- **Energy Storage Circuit Protection** - the energy storage system DC circuit shall be protected using a fuse/Circuit breaker of the correct rating, as per the maximum terminal voltage of the energy storage devices, the maximum
- **PV Circuit Protection** - the correct DC fuse rating must be selected to ensure reliable protection and various application notes from fuse manufacturers are required.

## 6.10 AC Circuit Protection

The Diesel Generator, PV inverters as well as the Energy Storage Inverters shall be equipped with surge protection and over current protection.

## 6.11 Solar Array Shading Analysis

Figure 6 below shows the method of determining the suitable distance between solar array rows to avoid shading losses. The solar array is tilted at  $30^\circ$  and is placed at an azimuth angle of  $0^\circ$ . The suitable module row distance ( $d$ ) between the solar arrays is determined on the bases that the solar arrays shall not shade each other between the 9:00 – 15:00 on the 21st of June (Solstice) in the Southern Hemisphere, but to improve the site performance, we considered 8:00 – 16:00.

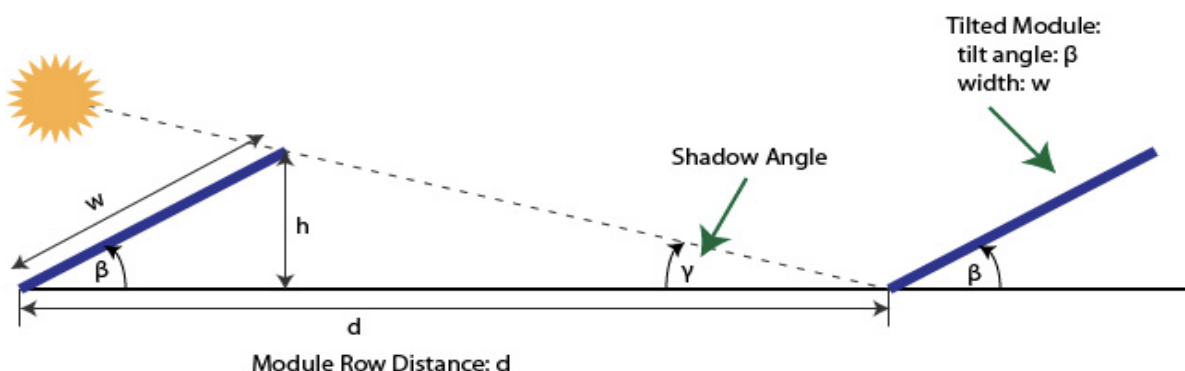


Figure 4: Shading Spacing Calculator

## 7. BILL OF QUANTITIES

S.No.	Component	Description	QTY	Unit	Total Price
1	Site Preparation, setting out, clearing,	Construction work	1	Whole	R
2a	Mounting Structure - 400 kWp	Procurement	1	Whole	R
2b	Mounting Structure - 400 kWp	Installation work	1	Whole	R
3a	PV Modules – 550Wp	Procurement	720	No.	R
3b	PV Modules – 550Wp	Installation work	720	No. of units	R
4a	DC Cabling, including ducting, terminations, MC4	Procurement	4000	m	R
4b	DC Cabling, including ducting, terminations, MC4	Installation work	4000	m	R
5a	DC junction Box – With fuses and Surge Protection.	Procurement	4	No. of units	R
5b	DC junction Box – With fuses and Surge Protection.	Installation work	4	No. of units	R
6a	400kVA Inverter/Charger Stage (AC or DC coupled or Hybrid) - 400V ac 3 Phase	Procurement	1	Whole	R
6b	400kVA Inverter/Charger Stage (AC or DC coupled or Hybrid) - 400V ac 3 Phase	Installation work	1	Whole	R
7a	Battery Bank 1000kWh	Procurement	1	Whole	R
7b	Battery Bank 100kWh	Installation work	1	Whole	R
8a	Battery Busbar, Battery Fuse Box + Fuse	Procurement	9	No. of units	R
8b	Battery Busbar, Battery Fuse Box + Fuse	Installation work	9	No. of units	R
9a	Battery cabling	Procurement	200	m	R
9b	Battery cabling	Installation work	200	m	R
10a	Cable containment	Procurement	50	m	R
10b	Cable containment	Installation work	50	m	R
11a	AC Combiner Box With switchgear and Surge Protection	Procurement	1	No. of units	R
11b	AC Combiner Box With switchgear and Surge Protection	Installation work	1	No. of units	R

12a	LV AC Cabling between inverters and boards (including ducting)	Procurement	1	Lump sum	R
12b	LV AC Cabling between inverters and boards (including ducting)	Installation work	1	Lump sum	R
13a	Earthing and Lighting Protection	Procurement	1	Lump sum	R
13b	Earthing and Lighting Protection	Installation work	1	Lump sum	R
14a	Energy and Power Meters (including CTs and VTs)	Procurement	3	No. of units	R
14b	Energy and Power Meters (including CTs and VTs)	Installation work	3	No. of units	R
15a	Balance of plant eg. fire protection, signage, cable labels, wire clips, ground lugs etc.	Procurement	1	No. of units	R
15b	Balance of plant eg. Fuses, SPDs, fire protection, signage, cable labels, wire clips, ground lugs etc.	Installation work	1	No. of units	R
16a	Control and monitoring system (Including SCADA server and user interface, all data cabling, all data monitoring and operation devices)	Procurement	1	No. of units	R
16b	Control and monitoring system (Including SCADA server and user interface, all data cabling, all data monitoring and operation devices)	Installation work	1	No. of units	R
17	PV Facility commissioning and testing	Commission & Testing	1	Lump sum	R
18	Setting up a site office, machinery & equipment, utilities	P&G	1	Lump sum	R
19	Occupational health and safety plan, preparation, PPE, training	P&G	1	Lump sum	R
20	Testing and Certification of Equipment	P&G	1	Lump sum	R
21	Environmental plan	P&G	1	Lump sum	R
22	Waste disposal plan	P&G	1	Lump sum	R
23	Engineering and Design (SANS 10400 form 3 & 4)		1	No. of units	R



24	Permits and system registration for small scale energy generation		1	Lump sum	R
25	Structure engineering report & certificate	P&G	1	Lump sum	R
26	Other	Other	1	Lump sum	R
				<b>SUB TOTAL</b>	R
				<b>VAT @ 15%</b>	R
				<b>TOTAL PRICE</b>	R

## **8. MISCELLANEOUS**

- 8.1** All preliminary work, including draft technical drawings must be discussed with ARC personnel before construction begins.
- 8.2** The appointed contractor shall submit the technical drawings prior to the commencement of work.
- 8.3** Any downtime when connecting new solar power to existing grid and/or any power cut offs should be done after normal working hours (08:00 – 16:30), Monday to Friday) to avoid disruptions to activities on the campus.

## **9. COMPULSORY REQUIREMENTS FOR THE TENDER**

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

- 9.1** Valid tax clearance certificate and PIN number from SARS.
- 9.2** CSD report (Central Supplier Database report).
- 9.3** Certified copy of company registration documents such as CK certificate for Close Corporations.
- 9.4** Complete and sign all the SBD forms.
- 9.5** CIDB grading 6 EP or EB (Attach proof)
- 9.6** Proof of registration with Engineering council of South Africa (ECSA) as an Electrical Engineer
- 9.7** Proof of attendance of the **COMPULSORY** site briefing and inspection session.
- 9.8** Professional Insurance Indemnity of not more than R12 Mil

**Failure to submit all of the above compulsory requirements will lead to disqualification**

## 10. EVALUATION CRITERIA

All bidders will be evaluated according to the following:

- 10.1 Compliance to the compulsory requirements of the tender.
- 10.2 PPPFA (price and BBBEE points). BBBEE status level of the supplier.
- 10.3 80/20 principle will be applicable to this tender.

## 11. Phase 2

- **DETAILED FUNCTIONALITY EVALUATION CRITERIA**

Proposals will be evaluated and points will be allocated and weighed on the following basis:

Criteria	Requirements from service providers	Weighting
<b>1. Company Experience</b>	<b>1.1. Relevant experience in completed PV solar systems</b> <ul style="list-style-type: none"> <li>• <b>Submit - proof of appointment letter/ signed letter and completion letters or reference letters from the developer / land lord</b></li> <li>• (five) 5 completed projects within the past 15 (fifteen) <u>years</u> of a minimum of R5 million each project = <b>5 points</b></li> <li>• (Four) 4 completed projects within the past <u>15(fifteen) years</u> of minimum of R5million each project= <b>4 points</b></li> <li>• (Three) 3 completed project within the past <u>10(ten) years</u> of minimum of R1million each project= <b>3 points</b></li> <li>• (Two) 2 completed within the past 15 (fifteen) of minimum of R1million for each project = <b>2 points</b></li> <li>• (one) 1 Relevant experience in any type of solar systems completed within the past years for any amount = <b>1 point</b></li> </ul>	<b>35</b>
	<b>1.2. Copy of the certificate of compliance (COC) on the previously completed PV solar project.</b> <ul style="list-style-type: none"> <li>• (Five) 5 Certificate of Compliance = <b>5 points</b></li> </ul>	<b>15</b>

	<ul style="list-style-type: none"> <li>• (Four) 4 Certificate of Compliance = <b>4 points</b></li> <li>• (Three) 3 Certificate of Compliance = <b>3 points</b></li> <li>• (Two) 2 Certificate of Compliance = <b>2 points</b></li> <li>• (One ) 1 Certificate of Compliance = <b>1 point</b></li> </ul>	
	<p>2.1 Certified Certificate of the Professional Registered Structural Engineer in accordance to the Engineering council of South Africa (ECSA).</p> <ul style="list-style-type: none"> <li>• Certified Certificate of the Professional Registered Structural engineer with minimum 15 years' experience= <b>5 points</b></li> <li>• Certified Certificate of the Professional Registered Structural with 10 years' experience= <b>4 points</b></li> <li>• Certified Certificate of the Professional Registered Structural with 5 years' experience= <b>3 points</b></li> <li>• Certified Certificate of the Professional Registered Structural with 4 years' experience= <b>2 points</b></li> <li>• Certified Certificate of the Professional Registered Structural with 0 to 3years experience= <b>1 point</b></li> </ul>	15
<p><b>2. Technical Capability &amp; Capacity of Principal Engineer and team on project (dedicated team experience)</b></p>	<p>2.2 Certified Certificate of the Professional Registered Electrical Engineer in accordance to the Engineering council of South Africa (ECSA) and Certified copy of wireman's license.</p> <ul style="list-style-type: none"> <li>• Certified Certificate of the Professional Registered Electrical engineer with</li> </ul>	15

minimum 15 years' experience= **5 points**

- Certified Certificate of the Professional Registered Structural with 10 years' experience= **4 points**
- Certified Certificate of the Professional Registered Structural with 5 years' experience= **3 points**
- Certified Certificate of the Professional Registered Structural with 5 years' experience= **3 points**

3.1. Provide detailed project specific methodology approach that will be used in this project

3. 2. Design Concept Approach/Process

- PV solar system design by an electrical engineer
- And structural design by a structural engineer

3.3. Conceptualizing the brief and showing the design process development step up to handing over a complete system.

3.4. The tenderers are required to prepare the case study of the previously completed project and demonstrate below activities :

- Tenderer has displayed extensive logical and in-depth understanding of the Scope of Works (SoW) and the Terms of Reference(ToR) narrative and addressed the methodology steps accordingly, Ghant Chart and templates on activities and showing milestones, critical path. Clear timelines and a roll out plan is evident. Basis of engineering designs are highlighted and addressed = **5 points**
- Tenderer has displayed practical and logical understanding of the SoW and the ToR narrative and problem statement according to their own interpretation with write-ups. Clear timelines and a roll out plan is evident. Basis of engineering design are highlighted and addressed = **4 points**
- Tenderer has displayed a fair understanding of the SoW and the ToR narrative and problem statement according to their own interpretation. Clear timelines and a roll out plan is evident = **3 points**

	<ul style="list-style-type: none"> <li>Tenderer has displayed some understanding of the SoW and the ToR narrative as is, and has not provided any meaningful own insight into the design concept approach and no clear basis of design = <b>2 points</b></li> <li>Tenderer has displayed no understanding of Sow and the ToR narrative. Has failed to re-interpret the ToR narrative, nor provide their own understanding of the Design Concept Approach and basis of design = <b>1 point</b></li> </ul>	
• Sub Total		100
• Minimum Threshold (qualifying score)		65

**Note: It is a pre-requisite for the tenderer to obtain a point under each category of scoring as stated above in the functionality**

## 12. Phase 3

**12.1 Only shortlisted bidders will be required to respond to this stage, the ARC will duly inform the shortlisted builders**

Minimum of **65 points out of a 100** for the Phase 2 stage of functional/ evaluation will qualify the Bid to move on to **the Phase 3 stage** of evaluation.

## 13. Phase 4: Price and Preferential Points Assessment

The 80/20 principle will apply in terms of the Preferential Procurement Policy Act. A maximum of 20 points will be awarded in respect of preferential procurement, which points must be awarded to a tenderer for attaining their B-BBEE Status Level in accordance with the table below:

The specific goals allocated points in terms of this tender	Number of points allocated (80/20 system) (To be completed by the organ of state)	Number of points claimed (80/20 system) (To be completed by the tenderer)
Percentage (%) Ownership by HDIs	Points 8	
91-100%	8	
81-90	7	
71-80	6	

61-70	5	
51-60	4	
41-50	3	
21-40	2	
1-20	1	
0%	0	
<b>Percentage (%) ownership by Women</b>	<b>Points (4)</b>	
81-100	4	
51-80	3	
31-50	2	
1-30	1	
0%	0	
<b>Percentage (%) Ownership ( by Youth</b>	<b>Points (4)</b>	
81-100	4	
51-80	3	
31-50	2	
1-30	1	
0%	0	
<b>Percentage Ownership by PwD</b>	<b>Points (2)</b>	
51-100%	2	
1-50	1	
0%	0	
<b>RDP Goals</b>	<b>Points (2)</b>	
Promotion of South African Owned Entity	2	



**14. Where there is a joint venture, the following information and documentation must be submitted:**

- Joint Ventures will score as the Joint Venture throughout the tender as bids cannot be split between the Joint Venture and individual bids, therefore the joint venture will be assessed as one entity
- A consolidated approved BBEE certificate in case of joint venture
- All information stipulated under minimum and administrative requirements in the bid must be submitted by all parties involved in the Joint Ventures, including functionality requirements under scoring points
- A percentage breakdown of the work allocation per stage between the parties must be clearly indicated stating which entity will take lead consultant role
- A percentage breakdown of the fees per stage between the parties must be clearly indicated. This fee breakdown must match the work split. (JV Partners will not be required to invoice separately nor to execute the services in isolation)
- A formal signed agreement indicating the leading company as well as the other company roles and responsibilities must be submitted.
- A blended JV organogram with all the key personnel CVs.  
A specific motivation of the JV formation must be submitted where there is a skills transfer involved a detailed plan between the parties must be submitted.

**15. LODGING OF SUBMISSIONS**

Tenderers are requested to submit two (2) complete documents into the tender box (one original functionality proposal and **prepare three (3) copies of the functionality** proposal.) A soft copy of the functionality and financial proposal should also be submitted. Tenderer's name and tender number to: **The Agricultural Research Council, ATTENTION: The Senior Supply Chain Manager, ARC 1134 Park Street PRETORIA**, by no later than 11H00 (o'clock) on.

Submissions not received on time and date specified will not be considered. Any entities/companies that are submitting their proposals as joint ventures are not allowed to submit their own proposals separately from the joint venture. Submitting a second separate proposal from the joint venture will lead to disqualification.

**16. COMPLIANCE WITH GENERAL CONDITIONS OF CONTRACT**

No alteration, variation or amendment of the Contract (of which this Tender represents the offer) shall be permitted unless otherwise agreed to in writing. Should the prospective provider, in the case of non-compliance, wish to make any amendments to the conditions stipulated by the ARC in this Tender, which shall form the offer element of a Contract and if it is accepted by the ARC, then such proposed amendments shall be clearly stipulated by the prospective provider and where possible stating the increase or decrease in the cost

involved by such proposals. The ARC reserves the right to reject such submissions.

**Misrepresentation of facts will result in disqualification and cancellation of the Contract.**

#### **17. ARC LIABILITY**

The ARC does not bind itself to accept the lowest or any tender proposal, nor to assign any reason for the rejection of a tender proposal, nor shall it be responsible for or pay any expenses or losses that may be incurred by the prospective provider in the preparation and delivery of its submission.

#### **18. SUBMISSION ACCEPTANCE**

No submission shall be deemed to have been accepted, unless and until a formal appointment letter is issued to the successful tenderer. Submissions shall remain open for acceptance by the ARC for a period of 120 (one hundred and twenty) days from the date on which they are returnable in terms of this Tender.

#### **19. PRICES**

Tenderers shall indicate the basis on which the services will be charged. In this regard the following information shall be provided:

- Where a Tenderer lacks in-house expertise and may have to outsource certain services, the detail and basis of charges of any such service that may be required must be outlined.
- The tenderer shall reflect service discounts that they will offer throughout the contract duration.
- Tenderers submissions must reflect the detailed breakdown of the tender price as per the costing structure or bill of quantities
- Prices must include VAT, if it is applicable and all other costs related to the execution of the required services.
- The tenderer agrees not to change the price with VAT or any other Tax subsequent to submitting the tender. This includes subsequent VAT registration.
- All prices quoted are to be in SA Rand and inclusive of Value Added Tax (VAT).
- No change in the prices submitted shall be considered after receipt of response to the Tender submission within the validity period of the tender.
- Bidders shall ensure that the bid price is for the duration of the project, **including escalations.**

#### **20. TERMS OF ENGAGEMENT**

- The successful bidder shall not take more than three (3) months from date of Bid award unless otherwise indicated and agreed between the successful Bidder and the ARC.
- The Service Provider shall be available for consultation with the ARC representative.
- The Service Provider shall manage as confidential all data, information and insights gained in execution of work for the ARC.
- ARC retains the right to negotiate with the successful Bidder for partial execution of the proposal.
- ARC retains the right to enter into non-exclusive agreements with Service Providers that do not restrict procurement of goods and services from other Service Providers.
- ARC retains the right to require the Service Provider to obtain permission in writing from the ARC prior to replacement of individuals proposed for execution of this Bid.
- Service Providers to accept professional liability for services rendered, including those rendered under sub-contract to the service provider

## 21. CONTENTS OF SUBMISSION

Proposals shall include all relevant information about the Bidder, which is thought appropriate to assist the ARC to assess its capabilities, capacity, outputs, value adding abilities, competitive advantage, etc.

The proposals presented are to be comprehensive and should describe the methodology to be followed in doing the following:

- The Breakdown of the complete specification with associated costs.
- All SBD (Standard Bidding Documents) must be completed and signed.

The proposals presented are to be as comprehensive as possible and ARC reserves the right to request the Bidder to provide more details.

Bidders shall adhere to the conditions stipulated in the General Conditions of Contract as prescribed by the National Treasury.

Bidders must ensure that the complete bid document is submitted with all additional required information and any other documents that the bidder wishes to supply to substantiate or clarify specific aspects in the proposal.

**Failure to submit all the signed and completed Standard Bidding documents and / or any required documentation will result in disqualification.**

## 22. APPROACH AND METHODOLOGY

Bidders should propose a comprehensive approach and methodology regarding the design, supply, installation and commissioning of the ground mount or carport solar PV System services. **Bidders should also indicate proactive good will services expected to be provided to ARC.**

## 23. TRACK RECORD

Bidders shall provide a list of companies for which similar services have been rendered/ provided for (attach at least five reference letters)

**24. BROADBASED BLACK ECONOMIC EMPOWERMENT (BBBEE)**

In terms of the Preferential Procurement Policy Framework Act (PPPFA), Act 5 of 2000, the 80 / 20 principle shall be applicable to this bid and points shall be allocated as indicated under functionality. Sound evidence for points claimed must be attached so that points can be allocated.

BBBEE status level points will be awarded to service providers who will submit certified copy of BBBEE certificates or original BBBEE certificates from SANAS accredited agencies and IRBA registered auditors or BBBEE letters from an auditor or accountant.

Joint Ventures / Consortium / Partnerships must submit a BBBEE document as indicated above for that particular entity e.g. JV or Consortium otherwise no BBBEE points shall be awarded.

**No BBBEE points shall be awarded to a tenderer who fails to comply with the above.**

**25. AMPLIFICATION OF SUBMISSIONS**

The ARC may, after the opening of submissions, call on the prospective Bidder to amplify in writing any matter which is not clear in the prospective Bidder's submission and such amplification shall form part of the original submission. In the event of the prospective Bidder failing to supply such information, the submission will be liable to rejection.

**26. COST OF PROPOSAL**

Bidders shall bear all costs associated with the preparation and submission of their proposals, the ARC will in no case be responsible or liable for those costs, regardless of the conduct or outcome of the Bid.

**27. BID DOCUMENTS**

This document in its entirety serves as the complete Bid document. Proposals offering only part of the requirements will be rejected. The Bidder is expected to examine all corresponding instructions, forms, terms and specifications contained in this document. Failure to comply with these documents will be at the Bidder's risk and may affect the evaluation of their proposal.

**28. DOCUMENTS COMPRISING THE PROPOSAL**

In preparing the technical and price components of the submissions all references to descriptive material and brochures should be included in the appropriate response paragraph, although material documents themselves may be provided as annexes to the proposal / response. Bidders are requested to focus on the provision of relevant information and to limit the amount of marketing and "boilerplate" material. The successful Bidder's proposal may be incorporated in whole or in part in the final contract. Any information that the Bidder considers proprietary should be marked as such.

**29. INFORMATION**

Information that the Bidder considers proprietary, if any, should be clearly marked "proprietary" next to the relevant part of the text and it will be treated as such accordingly.

**30. PERIOD OF VALIDITY**

Proposals shall remain valid for one hundred and twenty (120) days after the date of proposal submission. A proposal valid for a shorter period may be rejected by the ARC on the grounds that it is non-responsive.

In exceptional circumstances, the ARC may solicit the Bidder's consent to an extension of the period of validity. The request and the responses thereto shall be made in writing.

**31. FORMAT AND SIGNING OF PROPOSALS**

The Bidder shall prepare four copies of the proposal, clearly marking one "Original Proposal" and three "Copies of Proposal" as appropriate. In the event of any discrepancies between them, the original shall govern. The four proposals shall be signed by the Bidder or a person or persons duly authorised to bind the Bidder to the contract.

**32. INTERLINEATIONS**

A proposal shall contain no interlineations, erasures, or overwriting except, as necessary to correct errors made by the Bidder, in which case such corrections shall be initiated by the person or persons signing the proposal.

**33. PAYMENT**

The successful Bidder shall be paid upon submission of an invoice for each transaction of satisfactory work detailed in the scope.

**34. DUE DILIGENCE EXERCISE**

The ARC reserves the right to perform due diligence exercise for the purpose of appointing a credible tenderer.

**35. PRICE AND PRICING STRUCTURE**

**(To be inserted or deposited into the Financial Proposal Envelope)**

- Bidders shall indicate the basis on which the services will be charged.
- Where a Bidder lacks in-house expertise and may have to outsource certain services, the detail and basis of charges of any such service that may be required must be outlined.
- The Bidder shall reflect service discounts that they will offer throughout the contract duration.
- Bidders submissions must reflect the detailed breakdown of the bid price as follows:
- Prices must be for the entire period of the tender including price escalation.
  - Prices must include VAT, if it is applicable and all other costs related to the execution of the required services.

**36. CANCELLATION OF THE BID**

The ARC reserves the right to cancel the bid at any time of the process should the recommended service provider/s fail to meet the requirements of the bid.

**37. SITE INSPECTION**

The ARC reserves the right to conduct a site inspection to the premises of the recommended service provider and/or the recommended service provider's clients at any given time.

### **38. SIGNING OF THE SERVICE LEVEL AGREEMENT**

The successful service provider will be expected to sign the service level agreement within ten (10) working days after receiving the appointment letter from the ARC Supply Chain Management Unit.

The Agricultural Research Council will then send the letter of award to the preferred bidder with two copies of the completed version of the said contract specimen and the preferred bidder will be firmly obliged to duly sign, initial and properly date both copies of the same and return them to the Agricultural Research Council for its signature within 10 (Ten) working days of their receipt of the said documents, failing which the Agricultural Research Council will be entitled, in its sole and total discretion and without further notice to such preferred bidder to write to such preferred bidder, summarily withdrawing the tender award, due to such contract signing process delay on the part of the given preferred bidder.

## PART A INVITATION TO BID

<b>YOU ARE HEREBY INVITED TO BID FOR REQUIREMENTS OF THE (AGRICULTURAL RESEARCH COUNCIL)</b>					
BID NUMBER:	ARC/16/11/2023	CLOSING DATE:	14 DECEMBER 2021	CLOSING TIME:	11H00
DESCRIPTION	<b>Design, supply, installation &amp; commissioning of the Ground – mount or carpark solar PV system at ARC – Roodeplaat VIMP.</b>				
<b>BID RESPONSE DOCUMENTS MAY BE DEPOSITED IN THE BID BOX SITUATED AT (STREET ADDRESS)</b>					
1134 PARK STREET, HATFIELD, PRETORIA (NEXT TO GAUTRAIN STATION)					
<b>BIDDING PROCEDURE ENQUIRIES MAY BE DIRECTED TO</b>			<b>TECHNICAL ENQUIRIES MAY BE DIRECTED TO:</b>		
CONTACT PERSON	Ms. N Mlindi		CONTACT PERSON		
TELEPHONE NUMBER	012 427-9733		TELEPHONE NUMBER		
FACSIMILE NUMBER			FACSIMILE NUMBER		
E-MAIL ADDRESS	MLINDIN@ARC.AGRIC.ZA		E-MAIL ADDRESS		
<b>SUPPLIER INFORMATION</b>					
NAME OF BIDDER					
POSTAL ADDRESS					
STREET ADDRESS					
TELEPHONE NUMBER	CODE		NUMBER		
CELLPHONE NUMBER					
FACSIMILE NUMBER	CODE		NUMBER		
E-MAIL ADDRESS					
VAT REGISTRATION NUMBER					
SUPPLIER COMPLIANCE STATUS	TAX COMPLIANCE SYSTEM PIN:		<b>OR</b>	CENTRAL SUPPLIER DATABASE No:	MAAA
B-BBEE STATUS LEVEL VERIFICATION CERTIFICATE	[TICK APPLICABLE BOX]  <input type="checkbox"/> Yes <input type="checkbox"/> No		B-BBEE STATUS LEVEL SWORN AFFIDAVIT		[TICK APPLICABLE BOX]  <input type="checkbox"/> Yes <input type="checkbox"/> No
<b>[A B-BBEE STATUS LEVEL VERIFICATION CERTIFICATE/ SWORN AFFIDAVIT (FOR EMES &amp; QSEs) MUST BE SUBMITTED IN ORDER TO QUALIFY FOR PREFERENCE POINTS FOR B-BBEE]</b>					



<p>ARE YOU THE ACCREDITED REPRESENTATIVE IN SOUTH AFRICA FOR THE GOODS /SERVICES /WORKS OFFERED?</p>	<p><input type="checkbox"/>Yes <input type="checkbox"/>No</p> <p>[IF YES ENCLOSE PROOF]</p>	<p>ARE YOU A FOREIGN BASED SUPPLIER FOR THE GOODS /SERVICES /WORKS OFFERED?</p>	<p><input type="checkbox"/>Yes <input type="checkbox"/>No</p> <p>[IF YES, ANSWER THE QUESTIONNAIRE BELOW ]</p>
<p><b>QUESTIONNAIRE TO BIDDING FOREIGN SUPPLIERS</b></p>			
<p>IS THE ENTITY A RESIDENT OF THE REPUBLIC OF SOUTH AFRICA (RSA)? <input type="checkbox"/> YES <input type="checkbox"/> NO</p> <p>DOES THE ENTITY HAVE A BRANCH IN THE RSA? <input type="checkbox"/> YES <input type="checkbox"/> NO</p> <p>DOES THE ENTITY HAVE A PERMANENT ESTABLISHMENT IN THE RSA? <input type="checkbox"/> YES <input type="checkbox"/> NO</p> <p>DOES THE ENTITY HAVE ANY SOURCE OF INCOME IN THE RSA? <input type="checkbox"/> YES <input type="checkbox"/> NO</p> <p>IS THE ENTITY LIABLE IN THE RSA FOR ANY FORM OF TAXATION? <input type="checkbox"/> YES <input type="checkbox"/> NO</p> <p><b>IF THE ANSWER IS "NO" TO ALL OF THE ABOVE, THEN IT IS NOT A REQUIREMENT TO REGISTER FOR A TAX COMPLIANCE STATUS SYSTEM PIN CODE FROM THE SOUTH AFRICAN REVENUE SERVICE (SARS) AND IF NOT REGISTER AS PER 2.3 BELOW.</b></p>			

## PART B TERMS AND CONDITIONS FOR BIDDING

<b>1. BID SUBMISSION:</b>
1.1. BIDS MUST BE DELIVERED BY THE STIPULATED TIME TO THE CORRECT ADDRESS. LATE BIDS WILL NOT BE ACCEPTED FOR CONSIDERATION.
1.2. <b>ALL BIDS MUST BE SUBMITTED ON THE OFFICIAL FORMS PROVIDED–(NOT TO BE RE-TYPED) OR IN THE MANNER PRESCRIBED IN THE BID DOCUMENT.</b>
1.3. THIS BID IS SUBJECT TO THE PREFERENTIAL PROCUREMENT POLICY FRAMEWORK ACT, 2000 AND THE PREFERENTIAL PROCUREMENT REGULATIONS, 2017, THE GENERAL CONDITIONS OF CONTRACT (GCC) AND, IF APPLICABLE, ANY OTHER SPECIAL CONDITIONS OF CONTRACT.
1.4. <b>THE SUCCESSFUL BIDDER WILL BE REQUIRED TO FILL IN AND SIGN A WRITTEN CONTRACT FORM (SBD7).</b>
<b>2. TAX COMPLIANCE REQUIREMENTS</b>
2.1 BIDDERS MUST ENSURE COMPLIANCE WITH THEIR TAX OBLIGATIONS.
2.2 BIDDERS ARE REQUIRED TO SUBMIT THEIR UNIQUE PERSONAL IDENTIFICATION NUMBER (PIN) ISSUED BY SARS TO ENABLE THE ORGAN OF STATE TO VERIFY THE TAXPAYER'S PROFILE AND TAX STATUS.
2.3 APPLICATION FOR TAX COMPLIANCE STATUS (TCS) PIN MAY BE MADE VIA E-FILING THROUGH THE SARS WEBSITE <a href="http://WWW.SARS.GOV.ZA">WWW.SARS.GOV.ZA</a> .
2.4 BIDDERS MAY ALSO SUBMIT A PRINTED TCS CERTIFICATE TOGETHER WITH THE BID.
2.5 IN BIDS WHERE CONSORTIA / JOINT VENTURES / SUB-CONTRACTORS ARE INVOLVED, EACH PARTY MUST SUBMIT A SEPARATE TCS CERTIFICATE / PIN / CSD NUMBER.
2.6 WHERE NO TCS PIN IS AVAILABLE BUT THE BIDDER IS REGISTERED ON THE CENTRAL SUPPLIER DATABASE (CSD), A CSD NUMBER MUST BE PROVIDED.
2.7 NO BIDS WILL BE CONSIDERED FROM PERSONS IN THE SERVICE OF THE STATE, COMPANIES WITH DIRECTORS WHO ARE PERSONS IN THE SERVICE OF THE STATE, OR CLOSE CORPORATIONS WITH MEMBERS PERSONS IN THE SERVICE OF THE STATE."

**NB: FAILURE TO PROVIDE / OR COMPLY WITH ANY OF THE ABOVE PARTICULARS MAY RENDER THE BID INVALID.**

SIGNATURE OF BIDDER:

CAPACITY UNDER WHICH THIS BID IS SIGNED:  
(Proof of authority must be submitted e.g. company resolution)

DATE:

**NB: FAILURE TO PROVIDE ANY OF THE ABOVE PARTICULARS MAY RENDER THE BID INVALID.**

**ANY ENQUIRIES REGARDING THE BIDDING PROCEDURE AND TECHNICAL  
QUIRIES MAY BE DIRECTED TO:**

**Department:** Supply Chain Management

**Contact Person:** Ms N Mlindi

**Tel:** (012) 427 9733

**E-mail address:** [mlindin@arc.agric.za](mailto:mlindin@arc.agric.za)/[scmrequests@arc.agric.za](mailto:scmrequests@arc.agric.za)

All technical enquiries must be forwarded in writing to Supply Chain Management who will act as communicator between the Bidder and ARC to ensure that all Bidders receive the same information.

CONFIDENTIAL

## **TAX CLEARANCE CERTIFICATE REQUIREMENTS**

**It is a condition of bid that the taxes of the successful bidder must be in order, or that satisfactory arrangements have been made with South African Revenue Service (SARS) to meet the bidder's tax obligations.**

1. In order to meet this requirement bidders are required to complete in full the attached form TCC 001 "Application for a Tax Clearance Certificate" and submit it to any SARS branch office nationally. The Tax Clearance Certificate Requirements are also applicable to foreign bidders / individuals who wish to submit bids.
2. SARS will then furnish the bidder with a Tax Clearance Certificate that will be valid for a period of 1 (one) year from the date of approval.
3. The original Tax Clearance Certificate must be submitted together with the bid. Failure to submit the original and valid Tax Clearance Certificate will result in the invalidation of the bid. Certified copies of the Tax Clearance Certificate will not be acceptable.
4. In bids where Consortia / Joint Ventures / Sub-contractors are involved, each party must submit a separate Tax Clearance Certificate.
5. Copies of the TCC 001 "Application for a Tax Clearance Certificate" form are available from any SARS branch office nationally or on the website [www.sars.gov.za](http://www.sars.gov.za)
6. Applications for the Tax Clearance Certificates may also be made via eFiling. In order to use this provision, taxpayers will need to register with SARS as eFilers through the website [www.sars.gov.za](http://www.sars.gov.za).

**PRICING SCHEDULE**  
**(Professional Services)**

NAME OF BIDDER: .....  
**ARC/16/11/2023**

BID NO.:

CLOSING TIME **11H00** CLOSING DATE: **14 December 2023**

**OFFER TO BE VALID FOR 120 DAYS FROM THE CLOSING DATE OF BID.**

Item Description Bid Price in RSA Currency \*\* (All Applicable Taxes Included)  
No

1. The accompanying information must be used for the formulation of proposals.
2. Bidders are required to indicate a ceiling price based on the total estimated time for completion of all phases and including all expenses inclusive of all applicable taxes for the project.

R.....

3. PERSONS WHO WILL BE INVOLVED IN THE PROJECT AND RATES APPLICABLE (CERTIFIED INVOICES MUST BE RENDERED IN TERMS HEREOF)

4. PERSON AND POSITION, HOURLY RATE AND DAILY  
RATE

-----R-----

-----R-----

-----R-----

-----R-----

5. PHASES ACCORDING TO WHICH THE PROJECT WILL BE COMPLETED, COST PER PHASE AND MAN-DAYS TO BE SPENT

-----R-----

days

-----R-----

days

-----R----- days  
 ----- R----- days

5.1 Travel expenses (specify, for example rate/km and total km, class of air-travel, etc). Only actual costs are recoverable. Proof of the expenses incurred must accompany certified invoices.

DESCRIPTION OF EXPENSE TO BE INCURRED AMOUNT	RATE	QUANTITY
---	------	----------

-----	R.....	
-----	R.....	
-----	R.....	
-----	R.....	

TOTAL: R.....

**\*\* "all applicable taxes" includes value-added tax, pay as you earn, income tax, unemployment insurance fund contributions and skills development levies.**

5.2 Other expenses, for example accommodation (specify, eg. Three star hotel, bed and breakfast, telephone cost, reproduction cost, etc.). On basis of these particulars, certified invoices will be checked for correctness. Proof of the expenses must accompany invoices.

DESCRIPTION OF EXPENSE TO BE INCURRED AMOUNT	RATE	QUANTITY
---	------	----------

-----	R.....	
-----	R.....	
-----	R.....	
-----	R.....	

TOTAL: R.....

6. Period required for commencement with project after acceptance of bid

.....

7. Estimated man-days for completion of project

.....

8. Are the rates quoted firm for the full period of contract?

\*YES/NO

9. If not firm for the full period, provide details of the basis on which adjustments will be applied for, for example consumer price index.

.....

.....

.....

**\*[DELETE IF NOT APPLICABLE]**

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Any enquiries regarding bidding procedures may be directed to the –

**AGRICULTURAL RESEARCH COUNCIL – CENTRAL OFFICE**

**Department:** Supply Chain Management

**Contact Person:** Ms N Mlindi

**Tel:** (012) 427 9733

**E-mail address:** mlindin@arc.agric.za/[scmrequests@arc.agric.za](mailto:scmrequests@arc.agric.za)



## **BIDDER'S DISCLOSURE**

### **1. PURPOSE OF THE FORM**

Any person (natural or juristic) may make an offer or offers in terms of this invitation to bid. In line with the principles of transparency, accountability, impartiality, and ethics as enshrined in the Constitution of the Republic of South Africa and further expressed in various pieces of legislation, it is required for the bidder to make this declaration in respect of the details required hereunder.

Where a person/s are listed in the Register for Tender Defaulters and / or the List of Restricted Suppliers, that person will automatically be disqualified from the bid process.

### **2. Bidder's declaration**

2.1 Is the bidder, or any of its directors / trustees / shareholders / members / partners or any person having a controlling interest<sup>1</sup> in the enterprise, employed by the state? **YES/NO**

2.1.1 If so, furnish particulars of the names, individual identity numbers, and, if applicable, state employee numbers of sole proprietor/ directors / trustees / shareholders / members/ partners or any person having a controlling interest in the enterprise, in table below.

2.2

<b>Full Name</b>	<b>Identity Number</b>	<b>Name of State institution</b>

<sup>1</sup> the power, by one person or a group of persons holding the majority of the equity of an enterprise, alternatively, the person/s having the deciding vote or power to influence or to direct the course and decisions of the enterprise.

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Do you, or any person connected with the bidder, have a relationship with any person who is employed by the procuring institution?

**YES/NO**

1 If so, furnish particulars:

.....  
 .....

2.3 Does the bidder or any of its directors / trustees / shareholders / members / partners or any person having a controlling interest in the enterprise have any interest in any other related enterprise whether or not they are bidding for this contract? **YES/NO**

2.3.1 If so, furnish particulars:

.....  
 .....

### 3 DECLARATION

I, the undersigned,  
 (name)..... in submitting  
 the accompanying bid, do hereby make the following statements that I certify to be true and complete in every respect:

- 3.1 I have read and I understand the contents of this disclosure;
- 3.2 I understand that the accompanying bid will be disqualified if this disclosure is found not to be true and complete in every respect;
- 3.3 The bidder has arrived at the accompanying bid independently from, and without consultation, communication, agreement or arrangement with any competitor. However, communication between partners in a joint venture or consortium<sup>2</sup> will not be construed as collusive bidding.
- 3.4 In addition, there have been no consultations, communications, agreements or arrangements with any competitor regarding the quality, quantity, specifications, prices, including methods, factors or formulas used to calculate prices, market allocation, the intention or decision to submit or not to submit the bid, bidding with the intention not to win the bid and conditions or delivery particulars of the products or services to which this bid invitation relates.
- 3.5 The terms of the accompanying bid have not been, and will not be, disclosed by the bidder, directly or indirectly, to any competitor, prior to the date and time of the official bid opening or of the awarding of the contract.
- 3.6 There have been no consultations, communications, agreements or arrangements

<sup>2</sup> Joint venture or Consortium means an association of persons for the purpose of combining their expertise, property, capital, efforts, skill and knowledge in an activity for the execution of a contract.

made by the bidder with any official of the procuring institution in relation to this procurement process prior to and during the bidding process except to provide clarification on the bid submitted where so required by the institution; and the bidder was not involved in the drafting of the specifications or terms of reference for this bid.

3.7 I am aware that, in addition and without prejudice to any other remedy provided to combat any restrictive practices related to bids and contracts, bids that are suspicious will be reported to the Competition Commission for investigation and possible imposition of administrative penalties in terms of section 59 of the Competition Act No 89 of 1998 and or may be reported to the National Prosecuting Authority (NPA) for criminal investigation and or may be restricted from conducting business with the public sector for a period not exceeding ten (10) years in terms of the Prevention and Combating of Corrupt Activities Act No 12 of 2004 or any other applicable legislation.

I CERTIFY THAT THE INFORMATION FURNISHED IN PARAGRAPHS 1, 2 and 3 ABOVE IS CORRECT.

I ACCEPT THAT THE STATE MAY REJECT THE BID OR ACT AGAINST ME IN TERMS OF PARAGRAPH 6 OF PFMA SCM INSTRUCTION 03 OF 2021/22 ON PREVENTING AND COMBATING ABUSE IN THE SUPPLY CHAIN MANAGEMENT SYSTEM SHOULD THIS DECLARATION PROVE TO BE FALSE.

.....	.....
Signature	Date
.....	.....
Position	Name of bidder

## SBD 6.1

### PREFERENCE POINTS CLAIM FORM IN TERMS OF THE PREFERENTIAL PROCUREMENT REGULATIONS 2017

This preference form must form part of all bids invited. It contains general information and serves as a claim form for preference points for Broad-Based Black Economic Empowerment (B-BBEE) Status Level of Contribution

**NB: BEFORE COMPLETING THIS FORM, BIDDERS MUST STUDY THE GENERAL CONDITIONS, DEFINITIONS AND DIRECTIVES APPLICABLE IN RESPECT OF B-BBEE, AS PRESCRIBED IN THE PREFERENTIAL PROCUREMENT REGULATIONS, 2017.**

#### 1. GENERAL CONDITIONS

1.1 The following preference point systems are applicable to all bids:

- the 80/20 system for requirements with a Rand value of up to R50 000 000 (all applicable taxes included); and
- the 90/10 system for requirements with a Rand value above R50 000 000 (all applicable taxes included).

1.2

- a) The value of this bid is estimated to **exceed/not exceed** R50 000 000 (all applicable taxes included) and therefore the ..... preference point system shall be applicable; or
- b) Either the 80/20 or 90/10 preference point system will be applicable to this tender (*delete whichever is not applicable for this tender*).

1.3 Points for this bid shall be awarded for:

- (a) Price; and
- (b) B-BBEE Status Level of Contributor.

1.4 The maximum points for this bid are allocated as follows:

	POINTS
PRICE	

<b>B-BBEE STATUS LEVEL OF CONTRIBUTOR</b>	
<b>Total points for Price and B-BBEE must not exceed</b>	<b>100</b>

1.5 Failure on the part of a bidder to submit proof of B-BBEE Status level of contributor together with the bid, will be interpreted to mean that preference points for B-BBEE status level of contribution are not claimed.

1.6 The purchaser reserves the right to require of a bidder, either before a bid is adjudicated or at any time subsequently, to substantiate any claim in regard to preferences, in any manner required by the purchaser.

## 2. DEFINITIONS

- (a) **“B-BBEE”** means broad-based black economic empowerment as defined in section 1 of the Broad-Based Black Economic Empowerment Act;
- (b) **“B-BBEE status level of contributor”** means the B-BBEE status of an entity in terms of a code of good practice on black economic empowerment, issued in terms of section 9(1) of the Broad-Based Black Economic Empowerment Act;
- (c) **“bid”** means a written offer in a prescribed or stipulated form in response to an invitation by an organ of state for the provision of goods or services, through price quotations, advertised competitive bidding processes or proposals;
- (d) **“Broad-Based Black Economic Empowerment Act”** means the Broad-Based Black Economic Empowerment Act, 2003 (Act No. 53 of 2003);
- (e) **“EME”** means an Exempted Micro Enterprise in terms of a code of good practice on black economic empowerment issued in terms of section 9 (1) of the Broad-Based Black Economic Empowerment Act;
- (f) **“functionality”** means the ability of a tenderer to provide goods or services in accordance with specifications as set out in the tender documents.
- (g) **“prices”** includes all applicable taxes less all unconditional discounts;
- (h) **“proof of B-BBEE status level of contributor”** means:
  - B-BBEE Status level certificate issued by an authorized body or person;
  - A sworn affidavit as prescribed by the B-BBEE Codes of Good Practice;
  - Any other requirement prescribed in terms of the B-BBEE Act;
- (i) **“QSE”** means a qualifying small business enterprise in terms of a code of good practice on black economic empowerment issued in terms of section 9 (1) of the Broad-Based Black Economic Empowerment Act;
- (j) **“rand value”** means the total estimated value of a contract in Rand, calculated at the time of bid invitation, and includes all applicable taxes;

## 3. POINTS AWARDED FOR PRICE

### 3.1 THE 80/20 OR 90/10 PREFERENCE POINT SYSTEMS

A maximum of 80 or 90 points is allocated for price on the following basis:

**80/20**

**or**

**90/10**

$$P_s = 80 \left( 1 - \frac{P_t - P_{\min}}{P_{\min}} \right) \quad \text{or} \quad P_s = 90 \left( 1 - \frac{P_t - P_{\min}}{P_{\min}} \right)$$

Where

$P_s$  = Points scored for price of bid under consideration

$P_t$  = Price of bid under consideration

$P_{\min}$  = Price of lowest acceptable bid

#### 4. POINTS AWARDED FOR B-BBEE STATUS LEVEL OF CONTRIBUTOR

Percentage Ownership by HDI'S	Points (8)	Percentage Ownership by Women	Points (4)	Percentage Ownership by Youth	Points (4)
91-100%	8	81-100	4	81-100	4
81-90	7	51-80	3	51-80	3
71-80	6	31-50	2	31-50	2
61-70	5	1-30	1	1-30	1
51-60	4	0%	0	0%	0
41-50	3				
21-40	2				
1-20	1				
0%	0				

Percentage Ownership by People with Disability	Points (2)	RDP Goals	Points (2)
51-100	2	The promotion of enterprise located in rural areas.	2
1-50	1	0%	0
0%	0		

## 5. BID DECLARATION

5.1 Bidders who claim points in respect of B-BBEE Status Level of Contribution must complete the following:

## 6. B-BBEE STATUS LEVEL OF CONTRIBUTOR CLAIMED IN TERMS OF PARAGRAPHS 1.4 AND 4.1

6.1 B-BBEE Status Level of Contributor: . = .....(maximum of 10 or 20 points)

(Points claimed in respect of paragraph 7.1 must be in accordance with the table reflected in paragraph 4.1 and must be substantiated by relevant proof of B-BBEE status level of contributor.

## 7. SUB-CONTRACTING

7.1 Will any portion of the contract be sub-contracted?

(*Tick applicable box*)

YES	<input type="checkbox"/>	NO	<input type="checkbox"/>
-----	--------------------------	----	--------------------------

7.1.1 If yes, indicate:

- i) What percentage of the contract will be subcontracted.....%
- ii) The name of the sub-contractor.....
- iii) The B-BBEE status level of the sub-contractor.....
- iv) Whether the sub-contractor is an EME or QSE

YES	<input type="checkbox"/>	NO	<input type="checkbox"/>
-----	--------------------------	----	--------------------------

- i) Specify, by ticking the appropriate box, if subcontracting with an enterprise in terms of Preferential Procurement Regulations, 2017:

Designated Group: An EME or QSE which is at least 51% owned by:	EME √	QSE √
Black people		
Black people who are youth		
Black people who are women		
Black people with disabilities		
Black people living in rural or underdeveloped areas or townships		
Cooperative owned by black people		
Black people who are military veterans		
<b>OR</b>		
Any EME		
Any QSE		

**8. DECLARATION WITH REGARD TO COMPANY/FIRM**

8.1 Name of company/firm:.....  
....

8.2 VAT registration number:.....

8.3 Company registration number:.....

**8.4 TYPE OF COMPANY/ FIRM**

- ☐ Partnership/Joint Venture / Consortium
  - ☐ One person business/sole propriety
  - ☐ Close corporation
  - ☐ Company
  - ☐ (Pty) Limited
- [TICK APPLICABLE BOX]

**8.5 DESCRIBE PRINCIPAL BUSINESS ACTIVITIES**

.....  
.....  
.....  
.....  
.....

**8.6 COMPANY CLASSIFICATION**

- ☐ Manufacturer
- ☐ Supplier
- ☐ Professional service provider

Other service providers, e.g. transporter, etc.  
[TICK APPLICABLE BOX]

8.7 Total number of years the company/firm has been in business:.....

8.8 I/we, the undersigned, who is / are duly authorised to do so on behalf of the company/firm, certify that the points claimed, based on the B-BBE status level of contributor indicated in paragraphs 1.4 and 6.1 of the foregoing certificate, qualifies the company/ firm for the preference(s) shown and I / we acknowledge that:

i) The information furnished is true and correct;



- ii) The preference points claimed are in accordance with the *General Conditions* as indicated in paragraph 1 of this form;
- iii) In the event of a contract being awarded as a result of points claimed as shown in paragraphs 1.4 and 6.1, the contractor may be required to furnish documentary proof to the satisfaction of the purchaser that the claims are correct;
- iv) If the B-BBEE status level of contributor has been claimed or obtained on a fraudulent basis or any of the conditions of contract have not been fulfilled, the purchaser may, in addition to any other remedy it may have –
  - (a) disqualify the person from the bidding process;
  - (b) recover costs, losses or damages it has incurred or suffered as a result of that person's conduct;
  - (c) cancel the contract and claim any damages which it has suffered as a result of having to make less favourable arrangements due to such cancellation;
  - (d) recommend that the bidder or contractor, its shareholders and directors, or only the shareholders and directors who acted on a fraudulent basis, be restricted by the National Treasury from obtaining business from any organ of state for a period not exceeding 10 years, after the *audi alteram partem* (hear the other side) rule has been applied; and
  - (e) forward the matter for criminal prosecution

<p>WITNESSES</p> <p>1. ....</p> <p>2. ....</p>	<p>.....</p> <p>SIGNATURE(S) OF BIDDERS(S)</p> <p>DATE: .....</p>
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## **ADHERENCE TO THE ARC'S CODE OF ETHICS**

### **1. INTRODUCTION**

This statement forms part of the Agricultural Research Council's "Ethics and Fraud Prevention strategy". It sets out the tone, culture and expectations of the ARC in promoting a policy of fair dealing and integrity in the conduct of business and the countering of fraudulent activities.

### **2. POLICY**

- 2.1 The ARC's vision is to provide Excellence in Agricultural Research and Development.
- 2.2 The ARC will do everything possible to promote honesty, integrity and to adhere to all applicable laws in everything it does and is committed to the prevention, deterrence, detection and investigation of all forms of non-adherence to policies, laws and the Code of Ethics.
- 2.3 ARC Council members, Audit Committee members and employees at all levels are expected to adopt the highest standards of propriety and accountability. These standards are also expected from organisations that the ARC deals with such as suppliers, contractors, customers, partners, etc.
- 2.4 If it is established that suppliers, contractors, customers and partners have engaged in corrupt, dishonest, fraudulent activities or have contravened the supply chain policy of the Code of Ethics in competing or executing the contract awarded, the ARC will immediately terminate the contract. Any supplier, contractor, partner or officer representing any of the entities if found guilty of any of the above they will be declared ineligible to supply goods, works and services to the ARC under any programmes or projects managed and administered by the ARC on behalf of its clients.
- 2.5 The ARC can in its sole judgement proceed to pursue any legal remedies available.

### **3. CULTURE**

- 3.1 Adherence to laws, policies and procedures, the prevention and detection of fraud and corruption and the protection of ARC's assets is every stakeholder's responsibility.
- 3.2 Council members, Audit Committee members, all employees are expected to carry out their duties to the best of their ability for the benefit of the ARC and not to take advantage of any situation for personal gain, for themselves, members of their family or friends.

### **4. CODE OF ETHICS AND FRAUD PREVENTION STATEMENT**

- 4.1 Members of the public, suppliers, contractors and partners are expected to act with integrity in their business dealings with the ARC and not to behave dishonestly to the detriment of the ARC.
- 4.2 The ARC has set up a secure and confidential framework, within which any employee, member of the public, suppliers, contractors, partners are encouraged to raise concerns if they know of or suspect that the following is about to occur or has occurred:
- Fraud;
  - Corruption;
  - Abuse of assets;
  - Irregular transaction are taking place;
  - Fruitless expenditure has been incurred;
  - Endangering of an individual's health and safety;
  - A violation of applicable laws, rules, policies or regulations of the Code of Ethics.
- 4.3 The ARC will ensure that any allegations received are taken seriously and investigated in an appropriate manner.

- 4.4 The ARC will deal firmly with those who act dishonestly. Following proper investigation, appropriate disciplinary action and / or criminal proceedings will be instigated.
- 4.5 Suppliers, contractors and partners acknowledge that they have read and understood relevant sections of the Code of Ethics policies, procedures and laws applicable to them.
- 4.6 Stakeholders who wish to remain anonymous when raising concerns are encouraged to use the following secure hotline:

Free Call Telephone Number: 0800 000 604

Free Call Facsimile Number: 0800 007 788

E-mail: [arc@tip-offs.com](mailto:arc@tip-offs.com)

“Please call me” number: 32840

Tip-offs anonymous url: [www.tip-offs.com](http://www.tip-offs.com)

No-one will be subjected to retaliation for good faith reporting of a suspected violation.

- 4.7 Concerns can only be adequately investigated if all relevant facts concerning the issue being reported are disclosed. Stakeholders are encouraged to provide relevant facts including supporting documentation of available.

I, \_\_\_\_\_ the  
undersigned .....  
.... in my capacity as an authorised representative  
of ..... registration  
number .....

**HEREBY ACKNOWLEDGE:**

1. That I have been explicitly informed of and consequently an fully aware of the fact that:
  - a) I must adhere to sections of the ARC Code of Ethics, supply chain policy and laws that apply to me as a supplier or contractor;
  - b) I will report to the ARC any violations and contraventions of its Code of Ethics, policies, procedures that I may become aware of;
  - c) Failure to adhere to (a) and (b) above will result in the cancellation of my contract with the ARC and the ARC in its sole judgement may pursue any other legal action it deems appropriate.

NAME(s): ..... (BLOCK LETTERS)

CAPACITY ..... of ..... authorised agents: .....

SIGNATURE(s) ..... of ..... authorised agents: .....

SIGNED AT ..... on this ..... day of .....

WITNESSES: (Full name – BLOCK LETTERS – and signature)

1. ....

2. ....

# **THE NATIONAL TREASURY**

**Republic of South Africa**



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## **GOVERNMENT PROCUREMENT: GENERAL CONDITIONS OF CONTRACT**

**July 2010**

### **GENERAL CONDITIONS OF CONTRACT**

#### **1. Definitions**

The following items shall be interpreted as indicated:

- 1.1 “Closing time” means the date and hour specified in the bidding documents for the receipt of bids
- 1.2 “Contract” means the written agreement entered into between the purchaser and the supplier, as recorded in the contract form signed by the parties, including all attachments and appendices thereto and all documents incorporated by reference therein.
- 1.3 “Contract price” means the price payable to the supplier under the contract for the full and proper performance of his contractual obligations.
- 1.4 “Corrupt practice” means the offering, giving, receiving, or soliciting of anything of value to influence the action of a public official in the procurement process or in contract execution.
- 1.5 “Countervailing duties” are imposed in cases where an enterprise abroad is subsidised by its government and encourage to market its products internationally.
- 1.6 “Country of origin” means the place where the goods were mined, grown or produced or from which the services are supplied. Goods are produced when, through manufacturing, processing or substantial and major assembly of components, a commercially recognised new product results that is substantially different in basic characteristics or in purpose or utility from its components.
- 1.7 “Day” means calendar day
- 1.8 “Delivery” means delivery in compliance of the conditions of the contract or order.
- 1.9 “Delivery ex stock” means immediate delivery directly from stock actually on hand.
- 1.10 “Delivery into consignees store or to his site” means delivered and unloaded in the specific store or depot or on the specified site in compliance with the conditions of the contract or order, the supplier bearing all risks and charges involved until the goods are so delivered and a valid receipt is obtained.
- 1.11 “Dumping” occurs when a private enterprise abroad market its goods on own initiative in the RSA at lower prices than that of the country of origin and which have the potential to harm the local industries in the RSA.

- 1.12 “Force majeure” means an event beyond the control of the supplier and not involving the supplier’s fault or negligence and not foreseeable. Such events may include, by is not restricted to, acts of the purchaser in its sovereign capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions and freight embargoes.
- 1.13 “Fraudulent practice” means a misrepresentation of facts in order to influence a procurement process or the execution a contract to the detriment of any bidder, and includes collusive practice among bidders (prior to or after bid submission) designed to establish bid prices at artificial non-competitive levels and to deprive the bidder of the benefits of free and open competition.
- 1.14 “GCC” means the General Conditions of Contract.
- 1.15 “Goods” means all of the equipment, machinery, and / or other materials that the supplier is required to supply to the purchaser under the contract.
- 1.16 “Imported content” means that portion of the bidding price represented by the cost of components, parts or materials which have been or are still to be imported (whether by the supplier or his sub-contractors) and which costs are inclusive of the costs abroad, plus freight and other direct importation costs such as landing costs, dock dues, import duty, sales duty or other similar tax or duty at the South African place of entry as well as transportation and handling charges to the factory in the Republic where goods covered by the bid will be manufactured.
- 1.17 “Local content” means that portion of the bidding price, which is not included in the imported content provided that local manufacture does take place.
- 1.18 “Manufacture” means the production of products in a factory using labour, materials, components and machinery and includes other related value-adding activities.
- 1.19 “Order” means an official written order issued for the supply of goods or works or the rendering of a service.
- 1.20 “Project site”, where applicable, means the place indicated in bidding documents.
- 1.21 “Purchaser” means the organisation purchasing the goods.
- 1.22 “Republic” means the Republic of South Africa
- 1.23 “SCC” means the Special Conditions of Contract



- 1.24 “Services” means those functional services ancillary to the supply of the goods, such as transportation and any other incidental services, such as installation, commissioning, provision of technical assistance, training, catering, gardening, security, maintenance and other such obligations of the supplier covered under the contract.
- 1.25 “Supplier” means the successful bidder who is awarded the contract to maintain and administer the required and specified service(s) to the State.
- 1.26 “Tort” means in breach of contract.
- 1.27 “Turnkey” means a procurement process where one service provider assumes total responsibility of all aspects of the project and delivers the full end product / service required by the contract
- 1.28 “Written” or ‘in writing” means hand-written in ink or any form of electronic or mechanical writing.

## **2. Application**

- 2.1 These general conditions are applicable to all bids, contracts and orders including bids for functional and professional services (excluding professional services related to the building and construction industry), sales, hiring, letting and the granting or acquiring of rights, but excluding immovable property, unless otherwise indicated in the bidding documents.
- 2.2 Where applicable, special conditions of contract are also laid down to cover specific goods, services or works.
- 2.3 Where such special conditions of contract are in conflict with these general conditions, the special conditions shall apply.

## **3. General**

- 3.1 Unless otherwise indicated in the bidding documents, the purchaser shall not be liable for any expense incurred in the preparation and submission of a bid. Where applicable a non-refundable fee for documents may be charged.
- 3.2 With certain exceptions, invitations to bid are only published in the Government Tender Bulletin. The Government Tender Bulletin may be obtained directly from

the Government Printer, Private Bag X85, Pretoria, 0111, or accessed electronically from [www.treasury.gov.za](http://www.treasury.gov.za)

#### **4. Standards**

- 4.1 The goods supplied shall conform to the standards mentioned in the bidding documents and specifications.

#### **5. Use of contract documents and information inspection**

- 5.1 The supplier shall not, without the purchaser's prior written consent, disclose the contract, or any provision thereof, or any specification, plan, drawing, pattern, sample, or information furnished by or on behalf of the purchaser in connection therewith, to any person other than a person employed by the supplier in the performance of the contract. Disclosure to any such employed person shall be made in confidence and shall extend only so far as may be necessary for purposes of such performance.
- 5.2 The supplier shall not, without the purchaser's written consent, make use of any document or information mentioned in the GCC clause 5.1 except for purposes of performing the contract.
- 5.3 Any document, other than the contract itself mentioned in GCC clause 5.1 shall remain the property of the purchaser and shall be returned (all copies) to the purchaser on completion of the supplier's performance under the contract if so required by the purchaser.
- 5.4 The supplier shall permit the purchaser to inspect the supplier's records relating to the performance of the supplier and to have them audited by auditors appointed by the purchaser, if so required by the purchaser.

#### **6. Patent rights**

- 6.1 The supplier shall indemnify the purchaser against all third-party claims of infringement of patent, trademark, or industrial design rights arising from use of the goods or any part thereof by the purchaser.

#### **7. Performance Security**

- 7.1 Within thirty (30) days of receipt of the notification of contract award, the successful bidder shall furnish to the purchaser the performance security of the amount specified in the SCC.

- 7.2 The proceeds of the performance security shall be payable to the purchaser as compensation for any loss resulting from the supplier's failure to complete his obligations under the contract.
- 7.3 The performance security shall be denominated in the currency of the contract, or in a freely convertible currency acceptable to the purchaser and shall be in one of the following forms:
- a) A bank guarantee or an irrevocable letter of credit issued by a reputable bank located in the purchaser's country, or abroad, acceptable to the purchaser, in the form provided in the bidding documents or another form acceptable to the purchaser; or
  - b) A cashier's or certified cheque.
- 7.4 The performance security will be discharged by the purchaser and returned to the supplier not later than thirty (30) days following the date of completion of the supplier's performance obligations under the contract, including any warranty obligations, unless otherwise specified in SCC.
- 8. Inspections, tests and analysis**
- 8.1 All pre-bidding testing will be for the account of the bidder.
- 8.2 If it is a bid condition that supplies to be produced or services to be rendered should at any stage during production or execution or on completion be subject to inspection, the premises of the bidder or contractor shall be open, at all reasonable hours, for inspection by a representative of the Department or an organisation acting on behalf of the Department.
- 8.3 If there are no inspection requirements indicated in the bidding documents and no mention is made in the contract, but during the contract period it is decided that inspections shall be carried out, the purchaser shall itself make the necessary arrangements, including payment arrangements with the testing authority concerned.
- 8.4 If the inspections, tests and analyses referred to in clauses 8.2 and 8.3 show the supplies to be in accordance with the contract requirements, the cost of the inspections, tests and analysis shall be defrayed by the purchaser.
- 8.5 Where the supplies or services referred to in clauses 8.2 and 8.3 do not comply with the contract requirements, irrespective of whether such supplies or services are accepted or not, the cost in connection with these inspections, tests or analyses shall be defrayed by the supplier.

8.6 Supplies and services which are referred to in clauses 8.2 and 8.3 and which do not comply with the contract requirements may be rejected.

8.7 Any contract supplies may on or after delivery be inspected, tested or analysed and may be rejected if found not to comply with the requirements of the contract. Such rejected supplies shall be held at the cost and risk of the supplier who shall, when called upon, remove them immediately at his own cost and forthwith substitute them with supplies which do comply with the requirements of the contract. Failing such removal the rejected supplies shall be returned at the suppliers cost and risk. Should the supplier fail to provide the substitute supplies forthwith, the purchaser may, without giving the supplier further opportunity to substitute the rejected supplies, purchase such supplies as may be necessary at the expense of the supplier.

8.8 The provisions of clauses 8.4 to 8.7 shall not prejudice the right of the purchaser to cancel the contract on account of a breach of the conditions thereof, or to act in terms of Clause 23 of GCC.

## **9. Packing**

9.1 The supplier shall provide such packing of the goods as is required to prevent their damage or deterioration during transit to their final destination, as indicated in the contract. The packing shall be sufficient to withstand, without limitation, rough handling during transit, and open storage. Packing, case size and weights shall take into consideration, where appropriate, the remoteness of the goods' final destination and the absence of heavy handling facilities at all points in transit.

9.2 The packing, marking and documentation within and outside the packages shall comply strictly with such special requirements as shall be expressly provided for in the contract, including additional requirements, if any, specified in SCC, and in any subsequent instructions ordered by the purchaser.

## **10. Delivery and documents**

10.1 Delivery of the goods shall be made by the supplier in accordance with the terms specified in the contract. The details of shipping and / or other documents to be furnished by the supplier are specified in SCC.

10.2 Documents to be submitted by the supplier are specified in SCC.

## **11. Insurance**

The goods supplied under the contract shall be fully insured in a freely convertible currency against loss and damage incidental to manufacture or acquisition, transportation, storage and delivery in the manner specified in the SCC.

## **12. Transportation**

- 12.1 Should a price other than an all-inclusive delivered price be required, this shall be specified in the SCC.

## **13. Incidental services**

- 13.1 The supplier may be required to provide any or all of the following services, including additional services, if any, specified in SCC:

- a) Performance or supervision of on-site assembly and / or commissioning of the supplied goods;
- b) Furnishing of tools required for assembly and / or maintenance of the supplied goods;
- c) Furnishing of a detailed operations and maintenance manual for each appropriate unit of the supplied goods;
- d) Performance or supervision or maintenance and / or repair to the supplied goods, for a period of time agreed by the parties, provided that this service shall not relieve the supplier of any warranty obligations under this contract; and
- e) Training of the purchaser's personnel, at the supplier's plant and / or on-site, in assembly, start-up, operation, maintenance, and / or repair of the supplied goods.

- 13.2 Prices charged by the supplier for incidental services, if not included in the contract price for the goods, shall be agreed upon in advance by the parties and shall not exceed the prevailing rates charged to other parties by the supplier for similar services.

## **14. Spare parts**

- 14.1 As specified in SCC, the supplier may be required to provide any or all of the following materials, notifications, and information pertaining to spare parts manufactured or distributed by the supplier:

a) Such spare parts as the purchaser may elect to purchase from the supplier, provided that this election shall not relive the supplier of any warranty obligations under the contract; and

b) In the event of termination of production of the spare parts:

(i) Advance notification to the purchaser of the pending termination, in sufficient time to permit the purchaser to procure needed requirements; and

(ii) Following such termination, furnishing at no cost to the purchaser, the blueprints, drawings and specifications of the spare parts, if requested.

## **15. Warranty**

15.1 The supplier warrants that the goods supplied under the contract are new, unused, of the most recent or current models, and that they incorporate all recent improvements in design and materials unless provided otherwise in the contract. The supplier further warrants that all goods supplied under this contract shall have no defect, arising from design, materials, or workmanship (except when the design and / or material is required by the purchaser's specifications) or from any act or omission of the supplier, that may develop under normal use of the supplied goods in the conditions prevailing in the country of final destination.

15.2 This warranty shall remain valid for twelve (12) months after the goods, or any portion thereof as the case may be, have been delivered to and accepted at the final destination indicated in the contract, or for eighteen (18) months after the date of shipment from the port or place of loading in the source country, whichever period concludes earlier, unless specified otherwise in SCC.

15.3 The purchaser shall promptly notify the supplier in writing of any claims arising under this warranty.

15.4 Upon receipt of such notice, the supplier shall, within the period specified in SCC and with all reasonable speed, repair or replace the defective goods or parts thereof, without costs to the purchaser.

15.5 If the supplier, having been notified, fails to remedy the defect(s) within the period specified in SCC, the purchaser may proceed to take such remedial action as may be necessary, at the supplier's risk and expense and without prejudice to any other rights which the purchaser may have against the supplier under the contract.

## **16. Payment**

- 16.1 The method and conditions of payment to be made to the supplier under this contract shall be specified in the SCC.
- 16.2 The supplier shall furnish the purchaser with an invoice accompanied by a copy of the delivery note and upon fulfilment of other obligations stipulated in the contract.
- 16.3 Payments shall be made promptly by the purchaser, but in no case later than thirty (30) days after submission of an invoice or claim by the supplier.
- 16.4 Payment will be made in Rand unless otherwise stipulated in SCC.

## **17. Prices**

- 17.1 prices charged by the supplier for goods delivered and service performed under the contract shall not vary from the prices quoted by the supplier in his bid, with the exception of any price adjustments authorised in SCC or in the purchaser's request for bid validity extension, as the case may be.

## **18. Variation orders**

- 18.1 No variation in or modification of the terms of the contract shall be made except by written amendment signed by the parties concerned.

## **19. Assignment**

- 19.1 The supplier shall not assign, in whole or in part, its obligations to perform under the contract, except with the purchaser's prior written consent.

## **20. Subcontracts**

- 20.1 The supplier shall notify the purchaser in writing of all subcontracts awarded under the contracts if not already specified in the bid. Such notification, in the original bid or later, shall not relive the supplier from any liability or obligation under the contract.

## **21. Delays in the supplier's performance**

- 21.1 Delivery of the goods and performance of services shall be made by the supplier in accordance with the time schedule prescribed by the purchaser in the contract.

- 21.2 If at any time during performance of the contract, the supplier or its sub-contractor(s) should encounter conditions impeding timely delivery of the goods and performance of services, the supplier shall promptly notify the purchaser in writing of the fact of the delay, its likely duration and its cause(s). As soon as practicable after receipt of the supplier's notice, the purchaser shall evaluate the situation and may at his discretion extend by the supplier's time for performance, with or without the imposition of penalties, in which case the extension shall be ratified by the parties by amendment of contract.
- 21.3 No provision in a contract shall be deemed to prohibit the obtaining of supplies or service from a national department, provincial department or a local authority.
- 21.4 The right is reserves to procure outside of the contract small quantities or to have minor essential services executed is an emergency arises, the supplier's point of supply is situated at or near the place where the supplies are required, or the supplier's services are not readily available.
- 21.5 Except as provided under GCC Clause 25, a delay by the supplier in the performance of its delivery obligations shall render the supplier liable to the imposition of penalties, pursuant to GCC Clause 22, unless an extension of time is agreed upon pursuant to GCC Clause 21.2 without the application of penalties.
- 21.6 Upon any delay beyond the delivery period in the case of a supplier contract, the purchaser shall, without cancelling the contract, be entitled to purchase supplies of a similar quality and up to the same quantity in substitution of the goods not supplied in conformity with the contract and to return any goods delivered later at the supplier's expense and risk, or to cancel the contract and buy such goods as may be required to complete the contract and without prejudice to his other rights, be entitles to claim damages from the supplier.

## **22. Penalties**

- 22.1 Subject to GCC Clause 25, if the supplier fails to deliver any or all of the goods or to perform the services within the period(s) specified in the contract, the purchaser shall, without prejudice to its other remedies under the contract, deduct from the contract price, as a penalty, a sum calculated on the delivered price of the delayed goods or unperformed services using the current prime interest rate calculated for each day of the delay until actual delivery or performance. The purchaser may also consider termination of the contract pursuant to GCC Clause 23.

## **23. Termination for default**



- 23.1 The purchaser, without prejudice to any other remedy for breach of contract, by written notice of default sent to the supplier, may terminate this contract in whole or in part:
- a) If the supplier fails to deliver any or all of the goods within the period(s) specified in the contract, or within any extension thereof granted by the purchaser pursuant to GCC Clause 21.2;
  - b) If the supplier fails to perform any other obligation(s) under the contract; or
  - c) If the supplier, in the judgement of the purchaser, has engaged in corrupt or fraudulent practices in competing for or in executing the contract.
- 23.2 In the event the purchaser terminates the contract in whole or in part, the purchase may procure, upon such terms and in such manner as it deems appropriate, goods, works or services similar to those undelivered, and the supplier shall be liable to the purchaser for any excess costs for such similar goods, works or services. However, the supplier shall continue performance of the contract to the extent not terminated.
- 23.3 Where the purchaser terminates the contract in whole or in part, the purchase may decide to impose a restriction penalty on the supplier by prohibiting such supplier from doing business with the public sector for a period not exceeding 10 years.
- 23.4 If a purchase intends imposing a restriction on a supplier or any person associated with the supplier, the supplier will be allowed a time period of more than fourteen (14) days to provide reasons why the envisaged restriction should not be imposed. Should the supplier fail to respond within the stipulated fourteen (14) days the purchaser may regard the intended penalty as not objected against and may impose it on the supplier.
- 23.5 Any restriction imposed on any person by the Accounting Officer / Authority will, at the discretion of the Accounting Officer / Authority, also be applicable to any other enterprise or any partner, manager, director or other person who wholly or partly exercises or exercised or may exercise control over the enterprise of the first-mentioned person, and with which enterprise or person the first-mentioned person, is or was in the opinion of the Accounting Officer / Authority actively associated.
- 23.6 Is a restriction is imposed, the purchaser must, within five (5) working days of such imposition, furnish the National Treasury, with the following information:
- (i) The name and address of the supplier and / or person restricted by the purchaser;
  - (ii) The date of commencement of the restriction

- (iii) The period of restriction; and
- (iv) The reasons for the restriction.

23.7 If a court of law convicts a person of an offense as contemplated in sections 12 or 13 of the Prevention and Combating of Corrupt Activities Act, Act no 12 of 2004, the court may also rule that such person's name be endorsed on the Register for Tender Defaulters. When a person's name has been endorsed in the Register, the person will be prohibited from doing business with the public sector for a period not less than five years and not more than 10 years. The National Treasury is empowered to determine the period of restriction and each case will be dealt with on its own merits. According to section 32 of the Act the Register must be open to the public. The Register can be perused on the National Treasury website.

## **24. Anti-dumping and countervailing duties and rights**

When, after the date of bid, provisional payments are required, or anti-dumping or countervailing duties are imposed, or the amount of a provisional payment or anti-dumping or countervailing right is increased in respect of any dumped or subsidised import, the State is not liable for any amount so required or imposed, or for the amount of any such increase. When, after the said date, such a provisional payment is no longer required or any such anti-dumping or countervailing right is abolished, or where the amount of such provisional payment or any such right is reduced, any such favourable difference shall on demand be paid forthwith by the contractor to the State or the State may deduct such amounts from moneys (if any) which may otherwise be due to the contractor in regard to supplied or services which he delivered or rendered, or is to deliver or render in terms of the contract or any other contract or any other amount which may be due to him.

## **25. Force Majeure**

25.1 Notwithstanding the provisions of GCC Clauses 22 and 23, the supplier shall not be liable for forfeiture of its performance security, damages, or termination for default is and to the extent that his delay in performance or other failure to perform his obligations under the contract is the result of an event of force majeure.

25.2 If a force majeure situation arises, the supplier shall promptly notify the purchaser in writing of such condition and the cause thereof. Unless otherwise directed by the purchaser in writing, the supplier shall continue to perform its obligations under the contract as far as is reasonable practical, and shall seek all reasonable alternative means for performance not prevented by the force majeure event.

## **26. Termination for Insolvency**

- 26.1 The purchaser may at any time terminate the contract by giving written notice to the supplier if the supplier becomes bankrupt or otherwise insolvent. In this event, termination will be without compensation to the supplier, provided that such termination will not prejudice or affect any right of action or remedy which has accrued or will accrue thereafter to the purchaser.

## **27. Settlement of disputes**

- 27.1 If any dispute or difference of any kind whatsoever arises between the purchaser and the supplier in connection with or arising out of the contract, the parties shall make every effort to resolve amicably such dispute or difference by mutual consultation.
- 27.2 If, after thirty (30) days, the parties have failed to resolve their dispute or difference by such mutual consultation, then either the purchaser or the supplier may give notice to the other party of his intention to commence with mediation. No mediation in respect of this matter may be commenced unless such notice is given to the other party.
- 27.3 Should it not be possible to settle a dispute by means of mediation, it may be settled in a South African Court of Law.
- 27.4 Mediation proceedings shall be conducted in accordance with the rules of procedure specified in the SCC.
- 27.5 Notwithstanding any reference to mediation and / or court proceedings herein
- a) The parties shall continue to perform their respective obligations under the contract unless they otherwise agree; and
  - b) The purchaser shall pay the supplier any monies due to the supplier.

## **28. Limitation of Liability**

- 28.1 Except in cases of criminal negligence or wilful misconduct, and in the case of infringement pursuant to Clause 6;
- a) The supplier shall not be liable to the purchaser, whether in contract, tort, or otherwise, for any indirect or consequential loss or damage, loss of use, loss of production, or loss of profits or interest costs, provided that this exclusion shall not apply to any obligation of the supplier to pay penalties and / or damages to the purchaser; and

- b) The aggregate liability of the supplier to the purchaser, whether under the contract, in tort or otherwise, shall not exceed the total contract price, provided that this limitation shall not apply to the cost of repairing or replacing defective equipment.

## **29. Governing language**

- 29.1 The contract shall be written in English. All correspondence and other documents pertaining to the contract that is exchanged by the parties shall also be written in English.

## **30. Applicable law**

The contract shall be interpreted in accordance with South African laws, unless otherwise specified in SCC.

## **31. Notices**

- 31.1 Every written acceptance of a bid shall be posted to the supplier concerned by registered or certified mail and any other notice to him shall be posted by ordinary mail to the address furnished in his bid or to the address notified later by him in writing and such posting shall be deemed to be proper service of such notice.
- 31.2 The time mentioned in the contract documents for performing any act after such aforesaid notice has been given, shall be reckoned from the date of posting of such notice.

## **32. Taxes and duties**

- 32.1 A foreigner shall be entirely responsible for all taxes, stamp duties, license fees, and other such levies imposed outside the purchaser's country.
- 32.2 A local supplier shall be entirely responsible for all taxes, duties, licence fees, etc. incurred until delivery of the contracted goods to the purchaser.
- 32.3 No contract shall be concluded with any bidder whose tax matters are not in order. Prior to the award of a bid the Department must be in possession of a tax clearance certificate, submitted by the bidder. This certificate must be an original issued by the South African Revenue Services.

## **33. Transfer of contracts**

- 33.1 The NIP Programme administered by the Department of Trade and Industry shall be applicable to all contracts that are subject to the NIP obligation.

#### **34. Amendments of contracts**

- 34.1 In terms of section 4 (1) (b) (iii) of the Competition Act no. 89 of 1998, as amended, an agreement between, or concerted practice by, firms, or a decision by an association of firms, is prohibited if it is between parties in a horizontal relationship and if a bidder(s) is / are or a contractor(s) was / were involved in collusive bidding (or bid rigging).
- 34.2 Of a bidder(s) or contractor(s), based in reasonable grounds or evidence obtained by the purchase, has / have engaged in the restrictive practice referred to above, the purchaser may refer the matter to the Competition Commission for investigation and possible imposition of administrative penalties as contemplated in the Competition Act No 89 of 1998.
- 34.3 Is a bidder(s) or contractor(s), has / have been found guilty by the Competition Commission of the restrictive practice referred to above, the purchaser may, in addition and without prejudice to any other remedy provided for, invalidate the bid(s) for such item(s) offered, and / or terminate the contract in whole or part, and / or restrict the bidder(s) or contractor(s) from conducting business with the public sector for a period not exceeding ten (10) years and / or claim damages from the bidder(s) or contractor(s) concerned.