

## **OFFICE OF THE SUPPLY CHAIN MANAGEMENT**

### **1.1 DESCRIPTION OF SERVICE: Supply, delivery, and installation of a Multiple crop breeding structure (Bien Donne) (Non-fixed Flat top shade net structure)**

#### **BACKGROUND:**

Breeding material of various stone and pome fruit crops are currently established in farm blocks which demand a high initial as well as annual input cost.

#### **PURPOSE:**

A breeding structure can house double the field material with the benefit that the same area and irrigation material can be used for replant. The blocks are at the main campus which reduces weekly travelling costs and consolidation enhances security efforts. The breeding structure is a high-tech specialised structure has the additional benefit of being a free marketing (PRO) opportunity for the breeding programme. This is the first stage of the Bien Donne revamp project which will make breeding cost effective and thus sustainable by reducing annual development of new breeding blocks that have a biological value but with no fruit sales.

#### **SCOPE OF WORK**

Supply, delivery, and installation of a Multiple crop breeding structure (Flat top shade net structure) at ARC Bien Donne Research Farm (33°50'31" S 18°58,59" E). Bien Donne is located on the R45 between Paarl and Franschhoek (Fig.1) The farm is 19km from Paarl, 25km from Franschhoek and 19km from Stellenbosch. The breeding structure area is situated in the research area of ARC-Bien Donne.



*Figure 1 Breeding structure area on ARC-Bien Donne farm*

**The structure must be a non-fixed flat top net structure:**

Non-fixed in terms of not using concrete and being able to change configuration or to add-on.

Length (excluding perimeter anchors): **120m** (See Fig3 B),

Width (excluding perimeter anchors): **72m** (See Fig3 D), Height: at least **4m** inside

Perimeter leg spacing: **6m** (E & F on Figure 3) and the Internal leg spacing: **12m** (G & H on Figure 3)

Perimeter anchor spacing: 4m from the perimeter legs. (See Figure 3)

The structure cover is 20 % white shade net.

The floor should be a high density, high UV resistant weed cover made locally

Galvanized anchors on every leg (No concrete needed technology).

Retrofittable to a hooped shade structure or poly



Figure 2: Aerial view of a similar Structure

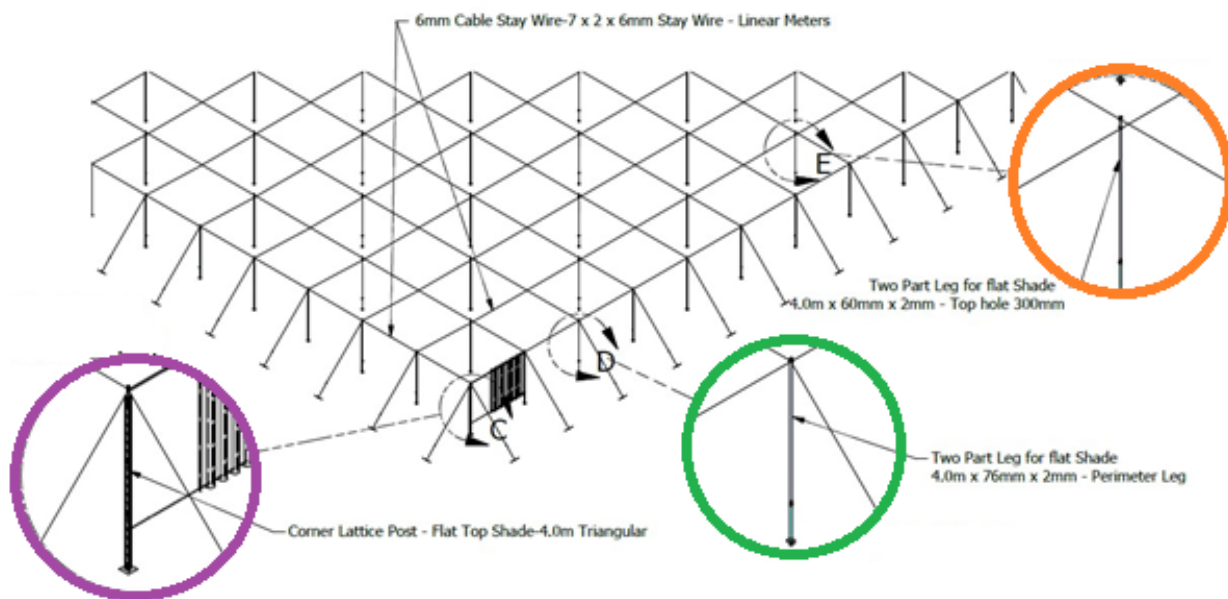


Figure 3: Detail of different poles

The structure will have four gated openings for ease of moving the large potted trees in and out of the Breeding structure (two opposite of each other). See Figure 4 for more detail as to the positioning of poles etc.

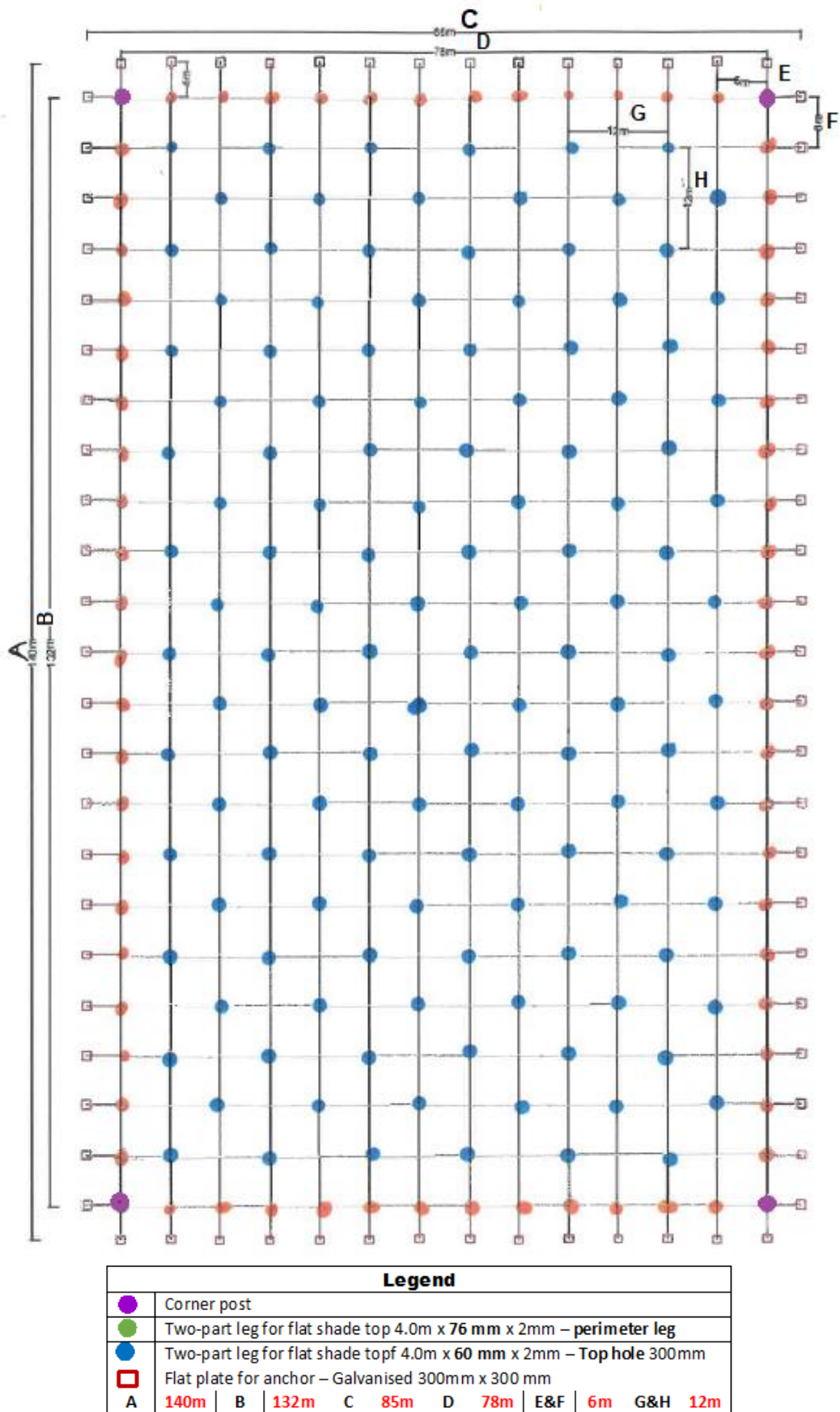


Figure 3 Positioning of poles

SPECIFICATION	Comply with specification. Please indicate (Yes or No)		
	Yes	No	If no, indicate deviation
1. Shade net cover: Code 20 White draw cord in the seams and the centre of each panel			
2. Ground cover: HDPE Heavy duty, 135 gram/square meter, preferably made locally). 8-year warranty			
3. Poles			
3.1. Corner lattice post: Flat top shade – 4m Triangular			
3.2. Perimeter legs: Two-part leg for flat shade 4m x 76mm x 2mm Z350 High Tensile Pre galvanised Tube			
3.3. Two-part leg for flat shade top 4.0m x <b>60 mm</b> x 2mm – <b>Top hole</b> 300mm Z350 High Tensile Pre galvanised Tube <b>(TECHNOLOGY DOES NOT NEED CONCRETE)</b>			
3.4. Flat plate for anchor – Galvanised 300mm x 300 mm			
3.5. Cables 6mm Stay Wire: 7 x 2 x 6 mm – linear meters			
GENERAL CONDITIONS FOR THE PURCHASE ORDER AGREEMENT			
The original equipment manufacturer should provide a standard warranty (please specify) on the equipment with authentic certification.			
The participating vendor should be either a principal installer of tunnels/greenhouses or an authorized installer of the tunnels (please provide evidence on official letterhead) with proven after sales support (please provide official certification to support this)			
The supplier should submit photographs of previous installations showing the parts that are going to be used.			
The quotation must include installation			

## 1.2 PRICING SCHEDULE

Item description	QTY	Unit price	Total Price
1. Supply, delivery, and installation of a Multiple crop breeding structure (Bien Donne) (Flat top shade net structure)	1		
2. Installation and validation	1		
Other, specify			
SUBTOTAL			
VAT			
GRANDTOTAL			



**1. The specification prepared by:**

**Name:** Zelda Bijzet

**Date:** 27/10/2022

**Signature:** 

**2. The specification approved by commodity specialist**

**Name:** Andani Mabirimisa

**Date:** 27/10/2022

**Signature:** 

**The specification approved by SCM specialist**

**Name:** Silindile Mqana

**Date:** 31/10/2022

**Signature:** ... 

**EVALUATION PROCESS & CRITERIA STAGE ONE FOR : SUPPLY, DELIVERY, AND INSTALLATION OF A MULTIPLE CROP BREEDING STRUCTURE (BIEN DONNE) (FLAT TOP SHADE NET STRUCTURE)**

**ADMINISTRATIVE COMPLIANCE EVALUATION OF ALL PROPOSALS**

	Comply with specification. Please indicate (Yes or No)		
	Yes	No	If no, indicate deviation
<b>EVALUATION PROCESS: NB: It must be noted that ARC reserve the rights to request for clarification if all the below questions are not answered properly.</b>			
<b><u>STAGE ONE: ADMINISTRATION COMPLIANCE</u></b>			
<p>All suppliers are duly lodged will be examined to determine compliance with quoting requirements and conditions. Quotes with obvious deviations from the requirements/conditions, <b>will be eliminated or disqualified from further adjudication.</b></p> <p><b>(a) Mandatory</b></p> <p>Quotes will only be compliant if supplier has submitted the following documents:</p>			
<p><b><i>Administrative documents</i></b></p> <p>1. According to National Treasury SCM Instruction number 4 of 2016/2017, only suppliers who are registered on Central Supplier Database (CSD) may be appointed. Suppliers is therefore encouraged to register their entities on CSD, <a href="http://www.csd.gov.za">www.csd.gov.za</a> and such information will be verified through Central Supply Database (CSD);</p>			
2. All SBD documents must be submitted and completed;			
3. The supplier must comply with all the specification			
4. Valid Tax Pin certificate			
<p><b>(b) Non-Mandatory</b></p> <ul style="list-style-type: none"> <li>Valid B-BBEE certificate or sworn affidavit certify by commissioner of oaths.</li> </ul>			

**Delivery Address:** ARC Infruitec Bien Donne

**SUPPLIER'S DETAILS:**

**Company Name:** .....

**Contact person:** .....

**Contact number & Email:** .....

**Date & Signature:** .....