**ARC INFRUITEC - NIETVOORBIJ**

 Private Bag/Private X5026, Stellenbosch, 7599, South Africa

 Tel: (021) 809 3093. Fax: (021) 809 3400/3592

**Office of the Supply Chain Management**

**1.1 Description of Service: SUPPLY OF IRRIGATION EQUIPMENT AND FITTINGS**

**Background:** **Background:**

Installation of irrigation system is one of the major requirements for the project. Without this in place, planting of cabbage and Swiss chard which are the test crops for this research cannot take place. Therefore, these irrigation equipment and fittings will work together with the tensiometers that are already procured and delivered to partners in Eswatini in determining the soil water content and the time to irrigate.

**PURPOSE NEEDED FOR:**

These irrigation equipment and fittings are needed in order for the objectives of the research to be completed

**SCOPE OF WORK**:

A field trial will be conducted on this project to determine the Rootzone water and nutrient retention under vegetable production in soil amended with zeolite*.* Without the irrigation system in place, the project cannot commence.

|  |  |  |
| --- | --- | --- |
| **SPECIFICATION** |  | **Comply with specification. Please indicate (Yes or No)** |
|  | **Yes** | **No** | **QTY** | **If no, indicate deviation** |
| **IRRIGATION EQUIPMENT AND FITTINGS** |  |  |  |  |
| 75mm class 9 PVC pipe |  |  | 120m |  |
| PVC Ball valve compact 80mm Female |  |  | 2 |  |
| 75 mm to 40mm PVC Saddle  |  |  | 2 |  |
| Nylon adaptor male reducer 40 x 30mm |  |  | 2 |  |
| 32mm Blank pipe CL6 POLIPIPE Type1 (100m) |  |  | 1 coil |  |
| 32mm to 15mm Tee nylon Male (PXMIXP) |  |  | 10 |  |
| 15 PVC Ball valves compact screwed  |  |  | 10 |  |
| Bard 17 – male 15mm BSP conn. (13c-05m) |  |  | 40 |  |
| 15mm nylon socket |  |  | 20 |  |
| 15mm Plastic water meter |  |  | 10 |  |
| Nylon socket 20 x 15mm |  |  | 20 |  |
| 17mm Tee drip |  |  | 240 |  |
| 17mm Elbow drip |  |  | 10 |  |
| 17mm Blank pipe (100m coil) |  |  | 8 |  |
| Dripline 17mm x 2.3L/H x 0.30m (500m) |  |  | 2 |  |
| Dripline 17mm x 2.3L/H x 0.50m (500m) |  |  | 2 |  |
| Bermad 100 series 50mm SAGIV+PLASTIC PIL |  |  | 1 |  |
| ARKAL 50mm disc filter dual – red |  |  | 1 |  |
| PVC ball valve 50mm female |  |  | 1 |  |
| FIP Adaptor Male 75mm x 90mm x 50mm BSP |  |  | 1 |  |
| FIP Elbow 90mm solvent x 80mm Female |  |  | 1 |  |
| FIP Adaptor Male 63mm x 75mm x 50mm BSP  |  |  | 1 |  |
| FIP Elbow 75mm x 90° solvent |  |  | 2 |  |
| PVC Saddle 75mm x 15mm Bolt on |  |  | 1 |  |
| Micro jet vacuum breaker 15mm anti vacuum |  |  | 1 |  |
| PVC Elbow 90° tpd 6mm 75mm (Tap 6MM) |  |  | 1 |  |
| Tyre valve Schrader S/Steel 6mm |  |  | 1 |  |
| PVC Reiniger 500ml |  |  | 2 |  |
| Oatey pressure cement 473ml H/Duty |  |  | 2 |  |
|  |  |  |  |  |
|  | **GENERAL CONDITIONS FOR THE PURCHASE ORDER AGREEMENT** |
| Must be delivered to:Prof Yoseph Assefa ArmideDept. of Crop ProductionFaculty of AgricultureUniversity of EswatiniCell: +268 7689 3730 |  |  |  |  |

**1.2 PRICING SCHEDULE**

|  |  |  |  |
| --- | --- | --- | --- |
| **Item description** | **QTY** | **Unit price** | **Total Price** |
| 1. 75mm class 9 PVC pipe
 | 120m |  |  |
| 1. PVC Ball valve compact 80mm Female
 | 2 |  |  |
| 1. 75 mm to 40mm PVC Saddle
 | 2 |  |  |
| 1. Nylon adaptor male reducer 40 x 30mm
 | 2 |  |  |
| 1. 32mm Blank pipe CL6 POLIPIPE Type1 (100m)
 | 1 coil |  |  |
| 1. 32mm to 15mm Tee nylon Male (PXMIXP)
 | 10 |  |  |
| 1. 15 PVC Ball valves compact screwed
 | 10 |  |  |
| 1. Bard 17 – male 15mm BSP conn. (13c-05m)
 | 40 |  |  |
| 1. 15mm nylon socket
 | 20 |  |  |
| 1. 15mm Plastic water meter
 | 10 |  |  |
| 1. Nylon socket 20 x 15mm
 | 20 |  |  |
| 1. 17mm Tee drip
 | 240 |  |  |
| 1. 17mm Elbow drip
 | 10 |  |  |
| 1. 17mm Blank pipe (100m coil x 8 = 800m)
 | 8 |  |  |
| 1. Dripline 17mm x 2.3L/H x 0.30m (500m)
 | 2 |  |  |
| 1. Dripline 17mm x 2.3L/H x 0.50m (500m)
 | 2 |  |  |
| 1. Bermad 100 series 50mm SAGIV+PLASTIC PIL
 | 1 |  |  |
| 1. ARKAL 50mm disc filter dual – red
 | 1 |  |  |
| 1. PVC ball valve 50mm female
 | 1 |  |  |
| 1. FIP Adaptor Male 75mm x 90mm x 50mm BSP
 | 1 |  |  |
| 1. FIP Elbow 90mm solvent x 80mm Female
 | 1 |  |  |
| 1. FIP Adaptor Male 63mm x 75mm x 50mm BSP
 | 1 |  |  |
| 1. FIP Elbow 75mm x 90° solvent
 | 2 |  |  |
| 1. PVC Saddle 75mm x 15mm Bolt on
 | 1 |  |  |
| 1. Micro jet vacuum breaker 15mm anti vacuum
 | 1 |  |  |
| 1. PVC Elbow 90° tpd 6mm 75mm (Tap 6MM)
 | 1 |  |  |
| 1. Tyre valve Schrader S/Steel 6mm
 | 1 |  |  |
| 1. PVC Reiniger 500ml
 | 2 |  |  |
| 1. Oatey pressure cement 473ml H/Duty
 | 2 |  |  |
|  **Other:** Must be delivered to:Prof Yoseph Assefa ArmideDept. of Crop ProductionFaculty of AgricultureUniversity of EswatiniCell: +268 7689 3730 |  |  |  |
| **SUBTOTAL** |  |
| **VAT** |  |
| **GRANDTOTAL** |  |

**1. The specification prepared by**

**Name: Dr Ngwatshipane Madonna Mashabela**

**Date…25/11/2022…**

**Signature:** **…………………**

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

**Name ……… Dr MN Lewu ………………**

**Date: 25/11/2022…**

**Signature…………………**

**This is applicable to designated sector commodities**

**1 MINIMUM LOCAL PRODUCTION CONTENT REQUIREMENTS STAGE ONE**

In terms of the National Treasury Designated Sectors Instruction Number 15 of 2017/2018;” National Treasury designated sectors circular No1 of 2017/18- Invitation and evaluation of bids based on a stipulated minimum threshold for local production and content for the …………………..

Components for Construction which stipulates the minimum threshold for local content and production …….. and SBD 6.2 and relevant annexures forming part of this document is to be adhered to as shown on table below:

**TABLE**

|  |  |  |
| --- | --- | --- |
| **METERING DEVICE**  | **Components** | **Local Content Threshold** |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

**EVALUATION PROCESS & CRITERIA STAGE ONE FOR SUPPLY OF IRRIGATION EQUIPMENT AND FITTINGS**

 **ADMINISTRATIVE COMPLIANCE EVALUATION OF ALL PROPOSALS**

|  | **Comply with specification. Please indicate (Yes or No)** |
| --- | --- |
|  | **Yes** | **No** | **If no, indicate deviation** |
| **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.** |  |  |  |
|  |  |  |  |
| **STAGE ONE: ADMINISTRATION COMPLIANCE** |  |  |  |
| All suppliers are duly lodged will be examined to determine compliance with quoting requirements and conditions. Quotes with obvious deviations from the requirements/conditions, **will be eliminated or disqualified from further adjudication.****Mandatory**Quotes will only be compliant if supplier has submitted the following documents: |  |  |  |
| ***Administrative documents***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 encourage to register their entities on CSD, www.csd.gov.za and such information will be verified through Central Supply Database (CSD);
 |  |  |  |
| 1. All SBD documents must be submitted and completed;
 |  |  |  |
| 1. The supplier must comply with all the specification
 |  |  |  |
| 1. Contact Details, VAT number, Company registration number, Bank details must be appended on the supplier quote.
 |  |  |  |
| **Non-Mandatory*** Valid B-BBEE certificate or sworn affidavit certify by commissioner of oaths.
 |  |  |  |

**Delivery Address:**

**Supplier’s Details:**

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

**Contact person: …………………………………………………………………………**

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

**Date & Signature: ………………………………………………………………………**

***Arc Contact: Name ……………., email……………………. Tel, ………………………….***

**ANNEXURE B**



**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.

1. **Bidder’s declaration**

2.1 Is the bidder, or any of its directors / trustees / shareholders / members / partners or any person having a controlling interest[[1]](#footnote-1) 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.

|  |  |  |
| --- | --- | --- |
| **Full Name** | **Identity Number** | **Name of State institution** |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

2.2 Do you, or any person connected with the bidder, have a relationship with any person who is employed by the procuring institution? **YES/NO**

2.2.1 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**

* + 1. If so, furnish particulars:

…………………………………………………………………………….

…………………………………………………………………………….

1. **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[[2]](#footnote-2) will not be construed as collusive bidding.

3.4In 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.

3.4 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.

3.5 There have been no consultations, communications, agreements or arrangements 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.

* 1. 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

November 2011

1. 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. [↑](#footnote-ref-1)
2. 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 executaion of a contract. [↑](#footnote-ref-2)