

SUPPORT DIVISION
PURCHASING DEPARTMENT

SPECIFICATIONS FOR

The acquisition of a Greenhouse for culture plants

Yours speaker in the purchasing and logistic department:

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CHAPTER I : CONDITIONS:

ARTICLE 1 : OBJECT

The aim of this tender is the acquisition of greenhouse, its accessories as well as the identification of the maintenance conditions;

ARTICLE 2: REFERENCE DOCUMENTS

2.1 Law

The contract resulting from this consultation will be subject to Moroccan law.

Any disagreement between MAScIR and the Recipient shall be settled amicably by cooperation between both sides; otherwise, litigation will be submitted to the competent court in Rabat unless specific clauses figure in the selling engagement of the supplier, in which case they shall prevail.

2.2 Contractual Documents

The obligation of the supplier for the performance of works that are the subject of this Tender will result in the whole constituent pieces of the engagement designated as bellow:

- *This Document;
- *The orders
- *The submission and, where necessary annexes;

After its notification, the engagement will be able to be modified only by amend ings accepted by both contracting sides.

ARTICLE 3 : DEADLINE AND PLACE OF SUBMISSION OF TENDER

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Tenders must be submitted according to conditions and delays planned by these specifications to the speaker of the purchasing department at the latest **February 25th , 2020 before 12 PM GMT.**

The tendered must establish the proposition of price according the incoterm DAP, disaggregating the cost of transporting the equipment.

ARTICLE 4: SUBMISSION FOLDER

Any tenderer is required to show a folder of submission containing:

- ✓ A Commercial Folder that contains « Detailed prices schedule »;
- ✓ A Technical Folder containing the technical tenderer of the supplier with specifications as shown in the chapter TECHNICAL CHARACTERISTICS;
- ✓ An administrative Folder containing excerpt of K-BIS, Company presentation, References of completed projects, Declaration on honor and Power of signature

ARTICLE 5 : PROCEDURE FOR AWARDING

This consultation will sold following the needs of MASciR Foundation. The supplier will be chosen on the basis of equipments quality and the respect of the formulated needs;

CHAPITRE II : SCOPE OF DELIVERY

ARTICLE 6 : CHARACTERISTICS AND TECHNICAL SPECIFICATIONS

Technical specifications of greenhouse for crops cultivation

- Supply and installation of a Roof-top greenhouse galvanized tube base with high resistance to corrosion and able to withstand atmospheric loads: actions of wind and rain; expected life-time 10 years based on UNI EN 13031-1 dated 11/01/2004
- Total covered area 200.00 m² (20m length x 10m width).
 - 2.50m high on the periphery of the greenhouse and a height of 4.50m max in the center.
 - Supporting poles with foot plates and stiffeners in galvanized steel, maximum distance among them 2,0 mt, to be bolted on a concrete slab.
 - Roof arches bolted to the supporting poles, in galvanized steel, maximum distance 2,0 mt
 - 2 ventilation openings on the roof, gear-motorized, with possibility of manual/auto operation, interlocked with rain detector and wind speed detector for safety reasons; auto operation must be adjustable based on Temperature and Relative humidity detectors placed inside the greenhouse
 - Extraction fan on one end, flow rate about 20.000 m³/h, 4 poles, Variable Frequency Driven, coupled with air inlet grille on the other hand, with possibility of manual/auto

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operation, adjustable based on Temperature and Relative humidity detectors placed inside the greenhouse

- Covering with bio-oriented PVC profiled plate type ONDEX BIO2 TOG 77/20, 80% UV protection, minimum thickness 0,9 mm
- Number of access sliding doors: 4 units (double doors), dimensions: 2.20m height x 2.00m wide for lateral doors, 3,00 m x 2,00 m for front and rear doors
- Equipped with galvanized steel gutter system on the roof for the recovery of rainwater.
- Equipped with a shading system (cloth fabric EcoScreen ES16 or equivalent, allowing the attenuation of the light 65%, heat retention 63%, suspended below the vault, to reduce the sunshine), with possibility of manual/auto operation, adjustable based on Temperature and Light intensity detectors placed inside the greenhouse.
- Insect protection net on doors and roof openings.
- Electrical switchboard containing all operation, regulation and safety devices
- LED lighting for the entire growing part in the greenhouse
- Assembly of the greenhouse, including cable trays, wires and electrical connections, start-up. Lighting, main power supply to switchboard, connection from switchboard to earthing network, concrete slab, process and rain water evacuation will be at customer care.
- Tables for crops culture

Quotation must detail the following costs:

- Metallic structure including doors and roof openings
- PVC covering
- Shading system and regulation
- Exhaust fan, air inlet grille and regulation
- LED lighting installation
- Electrical switchboard, cable trays and cables
- Installation, electrical connection, start-up
- Tables for crops culture
- Transportation Incoterm DAP Mascir

ARTICLE 7 : WARRANTY AND MAINTENANCE

The equipment and all its components are warranted on MAScIR Foundation facilities for at least 2 years starting from the end of installation;

This warranty will be assorted with an engagement of maintenance for 3 years similar that contains an annual preventive maintenance visit, the furniture of required pieces and telephonic support and Internet unlimited

During the warranty period and maintenance engagement, the whole fees will be charged on the supplier or its representative and include Handbook.

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Certified calibration kit (whole cell and sample and software suite for edition of certification report), the furniture of replacement parts, labor and transportation fees, housing and subsistence will be on the supplier charge

ARTICLE 8 : TRAINING

The training must be given to the technical team of MAScIR Foundation on the supplier's charges respecting the following conditions:

The training should be done by the producer of the equipment

The deadline for the training is 1 week after delivery

It should include the machine launching, the how use and the maintenance procedure

ARTICLE 9 : INSTALLATION AND IMPLEMENTATION

The implementation contains the equipment's installation and its accessories, initialization verification of specifications and good performance of the equipment and training of MAScIR Foundation teams.

ARTICLE 10 : TECHNICAL DOCUMENTATION

The supplier engages to supply, at the delivery all the necessary documentation for use, reparation and any technical documentation of the equipment including software in English, and if available in French.

ARTICLE 11 : TERMS AND EXECUTION CONDITIONS

a) Contract period

The equipment must be delivered in a delay of maximum 8 weeks after receiving the purchase order.

b) Execution of conditions or delivery

The equipment and its accessories must be delivered, installed and operational in MAScIR Foundation facilities.

If the delivery delay is different than 8 weeks, it is important to mention it on your proposal.

ARTICLE 12 : LATE PENALTIES

In case of excess of the execution delay as specified in the article 11, the recipient is liable of a penalty of 5% of the amount of the engagement per day of late with a maximum cumulative flat

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rate of 10% of the amount of the engagement which beyond are applied dispositions of article 15.

ARTICLE 13 : RECEPTION – VERIFICATION

a) Verification

The verification of the equipment of this order will happen in MAScIR Foundation facilities; they will be performed under the supervision of the project leader.

No delivery even if partial is accepted if the whole equipment does not respect the order form.

b) Reception

The final reception will be pronounced with satisfaction of MAScIR Foundation according to the following points:

- Installation of the main and of its accessories ;
- Verification of the conformity of the whole equipment with the order form ;
- Training of MAScIR Foundation staff

ARTICLE 14 : PAYMENT CONDITIONS

The payment will be performed 60 days at the end of the month with given reception statement by MAScIR Foundation by a transfer to the checking account of the recipient.

The recipient must produce a commercial numbered bill established in 03 copies signed, dated on letters written. It must indicate references of the Engagement of related order.

Bills must be addressed to the Accounting Division in MAScIR, which is located at Rabat Design Center, Avenue Mohamed El Jazouli – Madinat Al Irfane - Rabat- Maroc.

ARTICLE 15 : RETENTION GUARANTEE

A 10% holdback is planned during the purchase of equipment that will be released after the warranty period

ARTICLE 16 : CONTRACT CANCELATION

Regardless of expected cases of common Law, the Contract from these specifications can be canceled with plain rights by MAScIR, with Recipient faults, and after a notice by registered letter with a delay of 20 days in the following cases:

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- ▶ Fraudulent acts on the nature, the quality and reliability of the equipment and allowances of the actual specifications
- ▶ In case of excess of maximum flat rate of late penalties as mentioned in article 12.

ARTICLE 17 : RISKS INSURANCE

The recipient declares being covered with a civil professional insurance in effect at the moment of performance of related tasks of this contract. This insurance must cover all risks that encounter his staff at MAScIR. The Client reserves the right to ask a copy of insurance policy or coverage certificate.