



File 20130430-00309

**SPECIFIC CONDITIONS FOR THE PURCHASE
OF COLLECTING SAND TRAPS**

Paseo de la Habana, 138
28036 Madrid. Spain
Tel. +34 91 452 12 00
Fax: +34 91 452 13 00
www.ineco.es

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1 PURPOSE

Sand traps will be used for collecting windblown sand to a height of 1.5 m above the ground level, in order to accurately calculate the sand rate. They will be installed in a pole or short mast in clusters of four. The traps are provided with a vane, which will align them along the wind direction.

2 ITEMS AND CHARACTERISTICS

2.1 Sand Traps

Two types of sand traps shall be required.

- BSNE Type (45 units to be supplied)

Its characteristics were described in *Fryrear, D.W.1986. A field dust sampler. Jour. Soil and water Cons. 41(2): 117-120*; and in *Goosans, D; Offer, Z; London, G. 2000. Wind tunnel and field calibration of five aeolian sand traps. Geomorphology, 35:233-252*. Three of them will be installed at the upper part of the mast at convenient heights.

- Near-Surface Type (15 units to be supplied)

Its characteristics are described in *Stout, J.E; Fryrear, D.W. 1989. Transact. of Am. Soc. Agric. Eng.32(6):2041-2045*. One of them will be installed at the bottom part of the mast.

2.2 Mast (15 Units to be supplied)

The pole or mast shall have a length of 1.75 m and a diameter adequate to install the clamping devices for traps. It must be made of galvanized steel. When installed the cluster of four traps in the pole, its strength shall be sufficient to withstand wind gusts up to 55 m/s.

The base part of the mast shall be provided of three welded galvanised steel for fixation to the ground imbedded in a concrete foundation. The sides of triangles shall be 0.200 m, 0.200 m and 0.283 m. The triangles shall be welded to the pole by one of their short sides along the pole. The other short side shall be perpendicular to the pole axis direction and shall be aligned with the pole's end. The triangles shall be fixed at 120° angles around the pole. The welds shall be protected with two layers of anti-rust paint.

2.3 Clamping device (60 Units to be supplied)

The clamping device of a trap to the mast shall allow each collector to be fixed to a particular height between 0.1 and 1.5 m. It shall be designed as a pivoting clamp with minimum friction force, allowing the traps to turn around following the wind direction.

The clamping device shall be easy to install and uninstall.

The clamping devices shall be made with galvanised steel, UV-resistant plastic or other robust material capable of withstanding the harsh conditions of the hot desert.

2.4 Sketches

The bid shall include a technical sketch of the pole with measures and details on the pole diameter and thickness, galvanised film thickness and anti-rust paint type.

The bid shall also include a technical sketch of the clamping device, with measures and details of the material or materials, shape, and the various parts that make up the device.

Bids not including such sketches will not be taken into account in the tender process.

3 COMMERCIAL TERMS AND CONDITIONS

Invoicing of the fees shall be contingent on supply and items checked by INECO staff shall be performed when an INECO certifies the items received and their functioning.

Payment shall be made against invoices adapted to the Ineco invoicing form and always by bank transfer.

Invoices shall fall due 60 days after issue.

The general terms and conditions of contract published in the Ineco contracting profile (www.ineco.es) and (www.contrataciondelestado.es) shall be applicable, as well as these specific terms and conditions.

Ineco is a member of a Consortium of companies and therefore, as an exception, Ineco may extend the terms agreed with the vendors to the rest of the companies in the Consortium and the supplier shall have the obligation to fulfil them.

In this case, Ineco shall always have priority in any process over other companies in the Consortium.

3.1 PENALTIES FOR NON-COMPLIANCE

The daily penalty applicable to breach of undertakings included in the bid shall be 2% of the amount of the fees for the purchase process in progress. This amount shall be discounted from the invoicing amount for the process.

The penalties may accumulate up to a maximum of 30%, which shall be understood as a breach of contract and will be grounds for termination of the contract by Ineco.

3.2 DURATION

The term of the contract shall be when the supply is completed and the items tested by INECO staff. Considering that the complete supply of the order shall be delivered on 27 of July, 2013, as end date.

The start of the work shall coincide with the date the contract is signed between the awardee company and Ineco.

3.3 ESTIMATED MAXIMUM AMOUNT

The estimated maximum amount for the purchase of items specified totals **twenty thousand** euro (€ 20,000.00).

Under no circumstances shall Ineco have the obligation to use up its maximum budget, with the actual amount being limited to the company's actual requirements.

The contract price is considered to include all expenses arising on the awardee company's account as a result of supply of the specified items at the address below:

INECO
AL-Shoula Group
Alameer Sultan Street North
Alnaeem dist (4)
Ahmed Al-Hamoodi Street Building nº8
Jeddah
Kingdom of Saudi Arabia.

These expenses include:

- Packing and Handling.
- Freight charges.
- All duties, customs, and other fees.
- The obligations provided in this document and in the attached General Terms and Conditions of Contract.

4 CRITERIA FOR ASSESSMENT OF BIDS

The successful bid will be the cheapest one that fulfils all the technical specifications.

Bids **may be excluded** on the following grounds:

- Failure to provide the items as specified.
- Failure to provide the items in time, in the address specified.
- Bids not including sketches as specified in Section 2.4
- Economic bid over the estimated maximum amount specified in Section 3.3

Bids 20% lower than the average of the bids presented shall be deemed disproportionately low. In such cases, a written breakdown of the economic bid may be requested. A bid shall be ruled out if it is considered that it is dangerously low and that it presents a risk to the successful completion of the works.

Bids that are considered recklessly low will not be taken into account when determining the most economical bid.

5 CONTENT OF THE BIDS

The content of the bids must meet the requirements provided in this document.

5.1 TECHNICAL AND ADMINISTRATIVE BID

5.1.1 Technical Documentation

Documentation certifying compliance with the requirements stated in this document must be included.

5.1.2 Administrative Documentation

To expedite drafting of the contract if the company is awarded the contract, the following documentation must be attached:

- Details of the company: Company name, tax identification number (NIF), company purpose (copy of company bylaws and/or amendments), place of business.
- Details of the company representative: Name and surname, copy or reference to the deed of proxy or position or power of attorney to sign the contract, tax identification number (NIF) certificate (photocopy).

5.2 ECONOMIC BID

The economic bid shall be signed by the bidder company's attorney.

6 SUBMISSION OF BIDS

Bidders shall submit any documentation they deem necessary in order to ensure that the items to purchase fulfil the technical specifications.

To request the information during the tender process, the contact person for Ineco shall be Ms Irene Garcia Martínez (irene.garcia@ineco.es) and for administrative and procedural inquiries, Mr Enrique López del Hierro (elh@ineco.es).

All bids must be submitted on electronic media to the following address: ofertas@ineco.es. The total file size must not exceed 14 MB.

The file containing the economic bid shall be identified as **O.E.- 20130430-00309-VENDOR NAME** and the file with the technical bid shall be identified as **O.T.- 20130430-00309-VENDOR NAME**.

The technical and economic bids must be presented in separate files. No reference must be made to the economic bid in the technical bid.

Failure to comply with the requirements of this section by sending bids to an address other than that provided herein shall be grounds for exclusion of the bid from the tender process.