



Program Operacyjny Innowacyjna Gospodarka na lata 2007-2013

4. Oś priorytetowa:

Inwestycje w innowacyjne przedsięwzięcia

Działanie 4.3:

Kredyt technologiczny

Cracow, 08-12-2014

**Request for proposal
Nr 06/2014**

Ladies and Gentlemen,

We wish to inform that our company within the framework of the Project "ULTRALIGHT AERONAUTICAL MEASUREMENT SYSTEM TECHNOLOGY FOR ASSESSMENT OF TECHNICAL CONDITION OF PREMISES AND AREAS", which received co-financing as part of the Measure 4.3 "Technological credit" under the Operational Programme Innovative Economy Number of the contract for co-financing: POIG.04.03.00-00-D18/12-00 is planning the purchase of goods. With regard to this we kindly invite you to submit a tender according to specifications given below:

Name and address of the Orderer:

Spectra System Sp. z o.o.

ul. Feliksa Koniecznego 4/10U

31-216 Kraków

Basic information about tender:

- Proceedings of granting orders: Competitive bid
- Date of announcing a request for proposal: 8th December, 2014
- Date of submission of tender: until 12th December, 2014 till 12.00 noon (the date of reception by the Orderer shall be decisive)
- Minimal expiry date of tender: until 31st December, 2014

Description of the Subject-matter of Request for Proposal

The subject-matter of this request is a purchase of mobile GNSS reference station with instrumentation:

Mobile GNSS reference station with instrumentation.

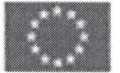
Technical specification:

- GNSS receiver.

Basic technical parameters:

- precise geodetic RTK GNSS receiver integrated with a GPS antenna , interference - resistant and able to eliminate multipath





- 440 channels , simultaneous tracking of satellite signals :
 - - GPS: L1C / A, L1C , L2C , L2E , L5
 - - GLONASS : L1C / A, L1P , L2C / A, L2P , L3
 - - SBAS : L1C / A, L5
 - - Galileo : GIOVE -A and GIOVE -B , E1, E5a , E5B
 - - BeiDou (COMPASS) : B1 , B2,
- Positioning with OmniSTAR HP , XP , G2, VBS, QZSS, WAAS, MSAS, EGNOS, GAGAN
- time on internal battery min . 4.5 hours in receive mode RTK corrections
- provision for attaching a power source during the measurement
- able to use the receiver as a local base station emitting corrections via the Internet using the built-in receiver 3.5G modem protocol (NTRIP)
- positioning frequency : 1, 2, 5 , 10, 20 Hz
- dustproof and waterproof - according to IP 67
- built into the recording parameter inclinometer deflection

Measurement accuracy - not less than:

- Static measurement, high precision:
 - Horizontal + / - 3 mm + 0.1 ppm RMS
 - Vertical + / - 3.5 mm + 0.4 ppm RMS
- Measurement of kinematic RTK (single station <30 km)
 - Horizontal + / - 8 mm + 1 ppm RMS
 - Vertical + / - 15 mm + 1 ppm RMS
- Measurement of kinematic RTN (within the network)
 - Horizontal + / - 8mm + 0.5ppm RMS
 - Vertical + / - 15mm + 0.5ppm RMS

Communication and data logging:

- the built-in modem GPRS/3G/UMTS/HSDPA with the possibility of the SIM card from the user,
- a receiver integrated with the memory module min. 4GB
- The radio modem: a fully integrated, sealed, broadband, sending / receiving 450 MHz frequency range 410 MHz to 470 MHz transmit power 2W
- Bluetooth wireless communication module built into the receiver,
- communication module WiFi: 802.11 b, g, mode access point or client built-in receiver
- Ports: Serial, USB, Bluetooth, power,
- Formats Input / Output: RTCM 2.3, RTCM 3.0, RTCM 3.1, CMR, CMR +, CMRx
- Receiver parameters can be configured via remote access from an external device (eg, tablet, smartphone, laptop) using Wi-Fi connection (Remote UI)

Other:

- battery charger receiver min. 2-workstation
- removable battery to the receiver - min. 2 pieces
- transport case for the receiver and controller
- GPS controller kit:
 - controller of the same brand as the GNSS receiver
 - Windows Mobile 6.5
 - 800 processor ARM [™] Cortex [™]-A8 processor,
 - RAM 256 MB,
 - 8GB internal memory,
 - Color Touch Screen, 4.2cala, VGA, 640 × 480 pixels, readable in daylight,
 - full, physical alphanumeric keyboard with QWERTY (one letter in one click)
 - power source allowing for min. 25 hours work without having to replace batteries
 - SD memory card slot,
 - communication ports, Bluetooth, 9-pin RS-232, USB host, USB client,



- resistance to shocks, falls on a hard surface from a height of min. 1m.,
- dustproof and waterproof - according to IP 67
- built-in modem controller GSM/GPRS/EDGE/3G/HSDPA with the possibility of the SIM card from the user
- 5Mpix built-in camera with flash function,
- built-in GPS (WAAS enabled)
- built-in compass
- built-in accelerometer

Scope of tender

This request is a combined request. Contractor is obliged to submit a tender for all components of the Order since intended components must cooperate with each other.

Date of realization of the subject of tender

Subject-matter of the contract: until 29th December, 2014

Planned date of the tender selection: 12th December, 2014

Criteria for the selection of tender

100% of price – 100 pts

To ensure full openness and transparency of the selection of Contractor, the Orderer after assessment of offers, will forward the results of the offer contest to all Tenderers as well as will offer entering into a contract for the realization of the Subject-Matter of the Order to the Tenderer, who has gained the most points.

The method for determining the price

The price of the offered components must include the cost of the annual guarantee service. In the event of receiving offers in a different currency than PLN, prices will be revalued at the average exchange rate quoted by the NBP of the day of completion of tender submission.

Formal requirements

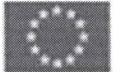
Tender must include at least:

- Complete data of tenderer identification (name, VAT Identification Number (NIP) address, KRS (National Court Register)/EDG (Economic Activity Register) ,
- Date of preparation and expiry date of tender,
- Scope and detailed description of offered products within the framework of tender,
- Net and gross price,
- Date/period of realization of the subject-matter of tender,
- Data of a contact person (name and surname, phone number, e-mail address),
- Signature of the person authorized to submit a tender.

Tenderer is obliged to the below mentioned:

- Submission of declaration of no financial and personal links to Orderer

Lack of any of above mentioned aspects may result in rejecting a tender



Method for submitting tenders

Tender may be submitted:

- Electronically to e-mail address: project@spectrasystem.com.pl
- In paper version to the company's head office - Spectra System Sp. z o.o, Konecznego Street 4/10U, 31-216 Cracow

Bids submitted after the deadline shall not be considered. The date on which the tender is received by the company shall be decisive. The ordering party also reserves the right to invalidate the procedure from other important reasons, about which he will be obliged to inform tenderers.

Confirmation of reception of request

With tender a confirmation of reception of proposal request to Tenderer must be sent to the Orderer (copy of the first page of this request for proposal with annotation "It was received on the day..." and Tenderer's company stamp and signature of the authorized person on the Tenderer's part).

Additional information

With the framework of submitting an application for co-financing an offer, information may be passed to a proper public institution for the purpose of confirmation.

For further information about the subject-matter and terms of the contract, please contact us at: tel. +48 728 429 545, or via address e-mail: project@spectrasystem.com.pl

This request for proposal was placed on the website www.spectrasystem.com.pl as well as in the Company's head office on the noticeboard in Konecznego Street 4/10U in Cracow.

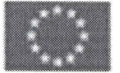
Attachments:

- Tender Form,
- Declaration of no financial and personal links with Tenderer

SPECTRA SYSTEM Sp. z o.o.
31-216 Kraków, ul. Konecznego 4/10u
tel: 012 416-16-00; fax: 012 416-16-03
NIP: 945-19-72-106 Regon: 356570049
KRS: 000139423



Przes Zarządu
Piotr Stefański



Declaration of no financial and personal links with the Ordering Party.

I, the undersigned:

.....

Acting for and on behalf of:

.....

(full name of the Contractor)

.....

(address of the Contractor's head's office)

I declare that I am not linked with the Ordering Party or persons authorized to enter into obligations on behalf of the Ordering Party or persons performing activities on behalf of the Ordering Party, related to preparing and carrying out the selection procedure of the Contractor personally and financially,

In particular through

- I. Participation in the company as an associate in partnership,
- II. Holding shares or at least 10% of shares ,
- III. Fulfilling the role of a member of management or supervisory body, proxy,
- IV. Staying in a marriage, in a relationship of lineal kinship and affinity , collateral kinship and affinity to the second degree or in relations of adoption, custody or guardianship.

