



FG/PZ/590/2019

December 16, 2020

INVITATION TO OPEN TENDER

Szczecińska Energetyka Ciepła Spółka z o.o. with the registered office in Szczecin, ul. Zbożowa 4, (hereinafter SEC), hereby invites to participate in an open tender on the terms set out in the Civil Code, for the task named: **”Execution of aerial thermovision images of section of the heating network of Szczecińska Energetyka Ciepła Sp. z o.o., with analysis and report of inconsistencies”**.

The subject of the order covers the delivery of products for SEC Sp. z o.o. ul. Zbożowa 4.

**Szczecińska Energetyka
Ciepła Sp. z o.o.**

ul. Zbożowa 4
70-653 Szczecin
sec.com.pl

T +48 91 450 99 99

bok@sec.com.pl

I. Description of the subject of the order:

For the execution of the Subject of the Order, the following must be done:

1. Taking aerial thermovision images of sections of the heating network, whose total length is around 356 km, on the basis of the map provided by the Ordering Party.
2. Analysing the thermovision images and, based on it, drawing up and providing to the Ordering Party a report specifying any potential defects / leaks / inconsistencies in the network, along with an orthophotomap for presenting the thermovision images in map projection.
3. The flights should be made in favourable weather conditions, namely:
 - a) in cloudless sky,
 - b) at a temperature of -10 to 0°C,
 - c) with winds not exceeding 8 m/s.

Moreover, the flights should be done when there is no snow, in the evening or at night, and should begin not sooner than 2 hrs after sunset. At the same time, it is a prerequisite that all photos were taken in similar weather conditions.

4. The executed orthophotomap should be possible for upload to the GIS system used by the Ordering Party and to AutoCAD files (in both cases the map resources are maintained in Coordinate System 2000). The field size of the GSD pixel to make an orthophotomap cannot be larger than 20cm.
5. The offer should include all other costs necessary for the correct execution of the subject of the order, in particular any costs related to:
 - a) the transport of the equipment and employees,
 - b) the civil liability insurance for the equipment and employees,
 - c) the accommodation and board for the employees at the location of execution of the order,
 - d) obtaining any necessary permits for flights.

II. Conditions for participation in the proceeding:

1. The Contractor shall be obliged to attach the draft of the service performance contract. The draft contract's key parameters must be consistent with the subject of the order.
2. The Ordering Party allows making the thermovision images with manned aircraft (planes) or unmanned flying platforms (drones) with thermal imaging cameras.
3. Contractors who have professional experience necessary to execute the order may apply for it, namely such contractors that completed, during the last 5 years prior to submitting offers, at least 2 orders consisting in taking aerial thermovision images of heating networks at least 10 km long (for each order), using a drone or a plane, along with making an analysis of thermovision images and drawing up a report specifying potential defects / leaks /

inconsistencies in the network. The offer must be accompanied by relevant references and at least two aerial thermal images of the heating network with a description of any irregularities found.

III. Date of execution:

- a) taking aerial thermovision images of the heating network:
60 days from the conclusion of the contract,
- b) analysing thermovision images and writing a report listing any potential defects / leaks / inconsistencies and drawing up an orthophotomap for presenting the thermovision images in map projection: **21 days from the completion of taking thermovision images.**

If adverse weather conditions make it impossible to perform the service in these dates, the Ordering Party allows to reschedule.

IV. Offer selection criterion:

- a) 100% price.

V. Method and date of submitting offers:

The Contractor should submit the offer by email using the attached form, until January 5th, 2021, 13:00, to: paulina.zawistowska@sec.com.pl with the description saying - Offer for: **"Execution of aerial thermovision images of section of the heating network of Szczecińska Energetyka Ciepła Sp. z o.o., with analysis and report of inconsistencies"**.

VI. The offer's binding period: the Contractors shall be bound by their offers for 30 days. This period commences upon the expiry of the date for submitting offers.

VII. For content related issues pertaining to the proceeding, please contact the Procurement Department: Paulina Zawistowska, phone +48 663 490 093.

For technical issues: Department of Investment Planning and Equipment Management: Tomasz Kłodawski, phone +48 693,929,331.

VIII. The Ordering Party expects the Contractor's cooperation during the execution of the subject of the order.

IX. SEC Sp. z o.o. reserves the right to freely select a Contractor and to cancel the proceeding without stating a reason.

Grzegorz Opaluch

Director of the Department
of Procurement
and Logistics,

p.p.

Attachments:

1. Price offer form.
2. Environmental guidelines for Contractors.
3. General Terms and Conditions of Performing Services for SEC Spółka z o.o.
4. Personal data information clause.