



**THE REPUBLIC OF CROATIA**  
**CROATIAN HYDROCARBON AGENCY**

CLASS: 310-34/20-01/01

RE: 405-01/01-22-3

Zagreb, 28th December 2022

## **BIDDING ROUND DOCUMENTATION**

**for issuing geothermal waters exploration license in  
Ferdinandovac-1 exploration block for the purpose of  
issuing a geothermal waters exploitation license for energy  
purposes**

Zagreb, December 2022

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## **1. INTRODUCTION**

### **1.1 Description of the unique licensing procedure for exploration of geothermal waters and the issuing exploitation license for geothermal waters for energy purposes**

For the purposes of this Bidding Round Documentation, geothermal waters are geothermal waters whose accumulated heat can be used for energy purposes (hereinafter: geothermal waters), in accordance with the Act on Hydrocarbon Exploration and Exploitation (Official Gazette, No. 52/18, 52/19 and 30/21) (hereinafter: the Act).

Pursuant to the provisions of Article 54 of the Act, the issuance of an exploitation license for geothermal waters is carried out based on a single Bidding Round, which begins with the procedure for the selection of the most favorable bidder for the exploration of geothermal waters and ends with the conclusion of a contract for the exploitation of geothermal waters. Accordingly, the subject of the competition includes the entire unique procedure described above with all its stages.

As part of the selection process of the most suitable bidder for the exploration of geothermal waters in Ferdinandovac-1 exploration block, a unique competition will be held. Based on the review and evaluation of the submitted bids that meet the conditions set out in this Bidding Round Documentation for the selection of the most favorable bidder for the exploration of geothermal waters in the Ferdinandovac-1 exploration block for the issuing of a license for the exploitation of geothermal waters (hereinafter: Bidding Round Documentation ), Ministry of Economy and Sustainable Development (hereinafter: Ministry), upon the proposal of the Commission for selection of the best bidder in the bidding round for the selection of the best bidder for the exploration of geothermal waters in Ferdinandovac-1 exploration block, for the issuing of a license for the exploration of geothermal waters (hereinafter: Commission), will make a decision to issue an exploration license for geothermal waters.

In accordance with the above, the bidders must submit bids for the Ferdinandovac-1 exploration block of geothermal waters.

## **2. GENERAL INFORMATION**

### **2.1 Information on the geothermal waters exploration and exploitation license issuer**

Name: Ministry of Economy and Sustainable Development (Ministarstvo gospodarstva i održivog razvoja)

Headquarters: Radnička cesta 80, 10 000 ZAGREB

Personal Identification Number (OIB): 19370100881

Phone Number: +3851/3717111

Web address: <https://gospodarstvo.gov.hr/>

### **2.2 Contact details**

Name: Croatian Hydrocarbon Agency (Agencija za ugljikovodike)

Contact person: Zorica Kurešić

Telephone: +38597/6595252

Web site: [www.azu.hr](http://www.azu.hr)

E-mail address: [geoterme@azu.hr](mailto:geoterme@azu.hr)

### **2.3 List of business entities with which the Ministry may have a conflict of interest**

Pursuant to Article 80 of the Act on Public Procurement (Official Gazette, no. 120/16), the issuer of an exploration license and an exploitation license for the geothermal waters may not conclude a contract for the exploitation of geothermal waters with the following economic operator:

- FIMAR d.o.o., Stepinčeva 16, 21 000 Split, OIB: 55546015929

The aforementioned economic operator shall not participate, either as a bidder or as a member of the bidding consortium in the selection of the most favorable bidder for the exploration of geothermal waters in the Ferdinandovac-1 exploration block for the purpose of issuing an exploitation license for geothermal waters and shall not award subcontracts to the selected bidder.

## **3. INFORMATION ON THE BIDDING ROUND SUBJECT**

### **3.1 Description of the subject of the Bidding Round**

The subject of the Bidding Round is the selection of the most favorable bidder for the exploration of geothermal waters in the “Ferdinandovac-1” exploration block for the purpose of issuing an exploitation license for geothermal waters. The subject of the Bidding Round includes the entire one - time procedure for issuing an exploration license and an exploitation license for geothermal waters with all its stages.

### 3.2 Technical specifications of the Bidding Round

#### 3.2.1 Geographical location of the subject of the Bidding Round

The Ferdinandovac-1 exploration block is located in the Municipalities of Ferdinandovac and Novo Virje in the Koprivnica-Križevci County.

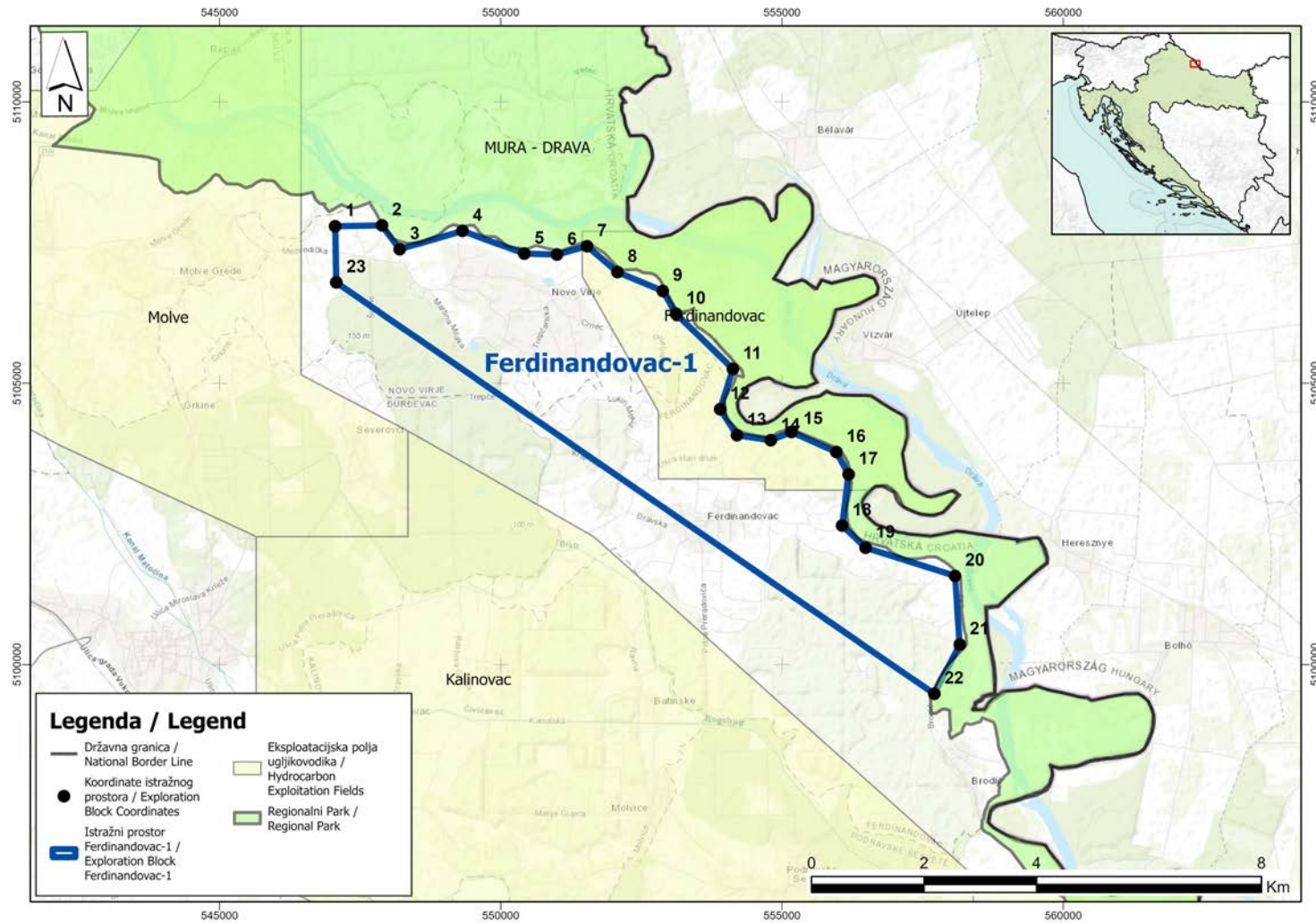
The boundaries of the exploration block are determined by the coordinates of the endpoints shown in Table 1.

The map of the Ferdinandovac-1 exploration block is shown in Figure 1.

Table 1. Coordinates of Ferdinandovac-1 exploration block

Exploration Block	Area (sqkm)	Endpoints	Coordinates	
			HTRS96	
			E	N
Ferdinandovac-1	28,62	1	547.056,86	5.107.790,43
		2	547.886,73	5.107.806,09
		3	548.204,79	5.107.382,03
		4	549.318,79	5.107.708,07
		5	550.416,60	5.107.303,67
		6	550.997,07	5.107.284,58
		7	551.534,34	5.107.434,70
		8	552.073,12	5.106.974,75
		9	552.879,60	5.106.639,86
		10	553.117,31	5.106.234,26
		11	554.126,02	5.105.253,05
		12	553.899,44	5.104.538,66
		13	554.198,21	5.104.074,22
		14	554.799,96	5.103.985,55
		15	555.167,23	5.104.132,50
		16	555.964,04	5.103.777,42
		17	556.181,54	5.103.381,42
		18	556.068,67	5.102.469,12
		19	556.486,09	5.102.076,89
		20	558.075,73	5.101.576,69
		21	558.158,71	5.100.358,07
		22	557.705,19	5.099.479,41
		23	547.075,74	5.106.790,64

Figure 1 Map of the Ferdinandovac-1 exploration block



NOTE: All maps are created in a cartographic projection of The Republic of Croatia: – HTRS96/TM



### 3.3 Summary of geological settings and geothermal potential of the Ferdinandovac area

The Ferdinandovac area is located on the northwestern edge of the Drava Depression, one of the four major depressions in the Croatian part of the Pannonian Basin. The Ferdinandovac area in the Drava Depression is shown in Figure 2.

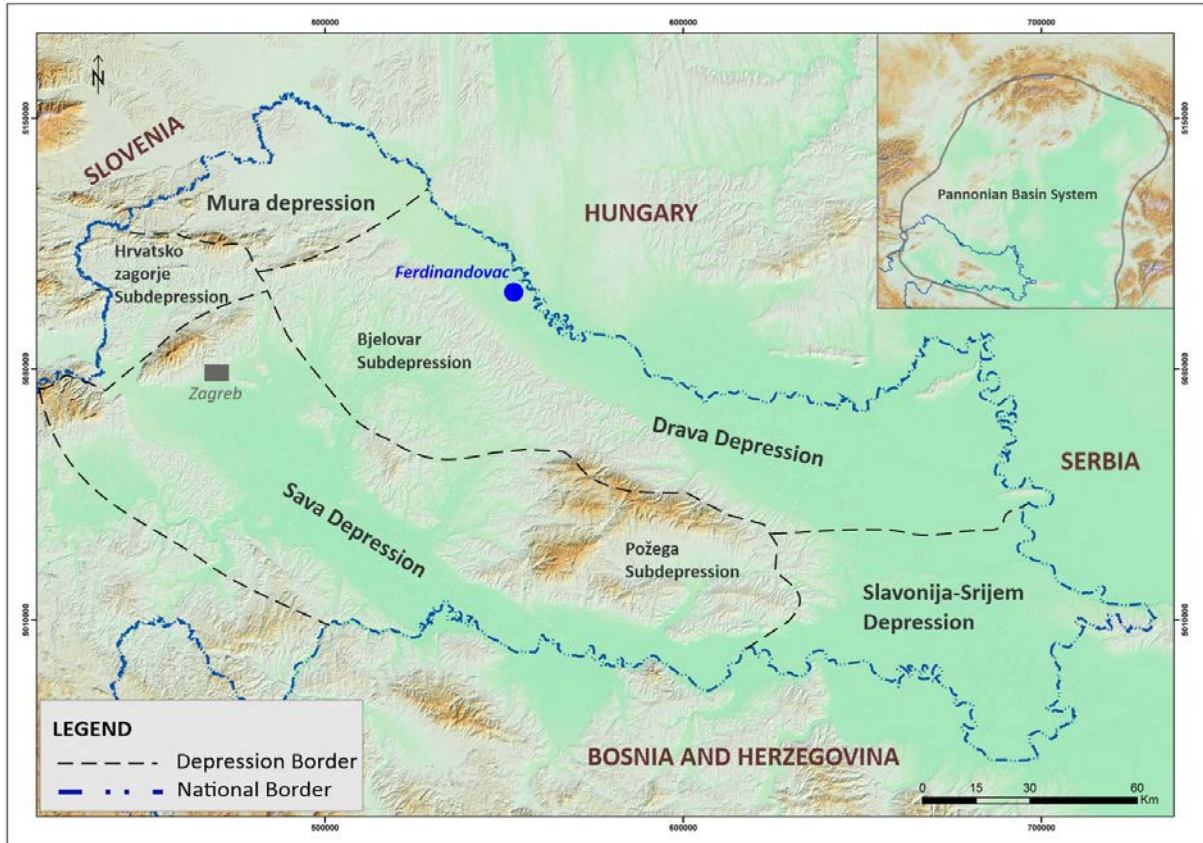


Figure 2 Location of the Ferdinandovac area in the Drava Depression

#### 3.3.1 Geological settings of the Drava Depression

The Drava Depression consists of two rock complexes. The pre-Neogene basement is composed of a magmatic - metamorphic complex of the Paleozoic and sediments of the Mesozoic and Paleogene, while the sedimentary basin infill is defined by deposits of the Neogene and Quaternary. The Mesozoic carbonate-clastic complex in the pre-Neogene basement is characterized by a different lithological composition: limestones, dolomites, breccias, conglomerates and their varieties. The Mesozoic carbonate-clastic complex is bounded by the pre-Neogene top *Tg* (E-log marker) in the bottom and by the *Pt* E-log marker on the top.

The sedimentary basin infill consists of clastic rocks and marls with different variations of Neogene and Quaternary age. Also, Lithothamnium limestones of Middle Miocene (mainly Badenian) age may occur. The Neogene-Quaternary sediments of basin infill within Drava Depression are distinguished into five lithostratigraphic units, i.e., formations.



The first and oldest Moslavačka gora Formation is defined by the tectonic-erosion unconformity  $Pt / Tg$  in the basement and the  $Rs5$  E-log marker on the top. It is defined by a heterogeneous lithological composition, and in chronostratigraphic terms includes the Lower and Middle Miocene and the lowest part of Upper Miocene (part of Lower Pannonian). The formation is lithologically composed of conglomerates, breccias, marly sandstones, sandstones, Lithothamnium limestones, calcareous marls, clayey marls with their varieties. Within the Moslavačka gora Formation, the regional E-log marker  $Rs7$  can be delineated as the top of the Mosti Member which is characterized by a heterogeneous lithological composition of rocks. It separates the Middle and Lower Miocene deposits from the Upper Miocene deposits.

The Ivanić-Grad Formation is bounded by E-log markers  $Rs5$  and  $Z'$  and represents the approximate equivalent of Upper Pontian deposits. The formation is characterized by sandstones with sandy, clayey, and silty marls. The occurrence of calcite marls is common in the bottom part of the formation.

The Kloštar Ivanić Formation is defined between by the E-log markers  $Z'$  and  $\Delta$  and is lithologically characterized by sandy and clayey marls and sandstones of the Lower Pontian.

The Bilogora Formation encompasses a sequence of Upper Pontian deposits bounded by the E-log markers  $\Delta$  and  $\alpha'$ . The formation is lithologically defined by the appearance of sands to unconsolidated sandstones, marly clays, clayey or sandy marls.

The last and youngest Lonja Formation is defined by sediments of Pliocene and Quaternary. The formation consists of a heterogeneous rock composition, but it is dominated mainly by sandstones, sandy and clayey marls, sands, gravels, and clays with occasional occurrences of coal layers. The formation is determined by the  $\alpha'$  E-log marker in the bottom, while the top formation is defined by the terranean surface. The schematic lithostratigraphic column of Ferdinandovac-1 Duboka (F-1Du) well is shown in Figure 3.

The area of the Drava Depression, which includes the wider area of Ferdinandovac, is characterized by very complex structural-tectonic relations due to defined fault systems of different generations and dip directions, as well as the newly formed structure. Three fault systems are dominating across the area with directions of dip: southwest-northeast, northwest-southeast, and north-south.

The Ferdinandovac area is structurally defined as a faulty anticline with the northwest-southeast direction. Also, a reverse fault has been determined on the south side of the anticline.

### ***3.3.2 Geothermal potential of the Ferdinandovac area***

The geothermal potential of the Ferdinandovac area was discovered in the early 1990s by a Ferdinandovac-1Duboka (F-1Du) deep exploration well, drilled for the purpose of finding hydrocarbons. The well drilled a sequence of Neogene and Quaternary sediments and a Mesozoic carbonate-clastic complex (marly limestones and cataclastic dolomites). The total depth of the well is 3011 m with a measured temperature of 149° C at the bottom of well.

By well testing, the geothermal potential was determined in cataclastic dolomites of the Mesozoic carbonate-clastic complex (*pre-rift carbonate geothermal play*), where water

saturation was found with a temperature of 149° -162° C, indicating a high enthalpy reservoir.

Another geothermal potential is represented by the sandstones of the Kloštar-Ivanić Formation (*post-rift clastic geothermal play*).

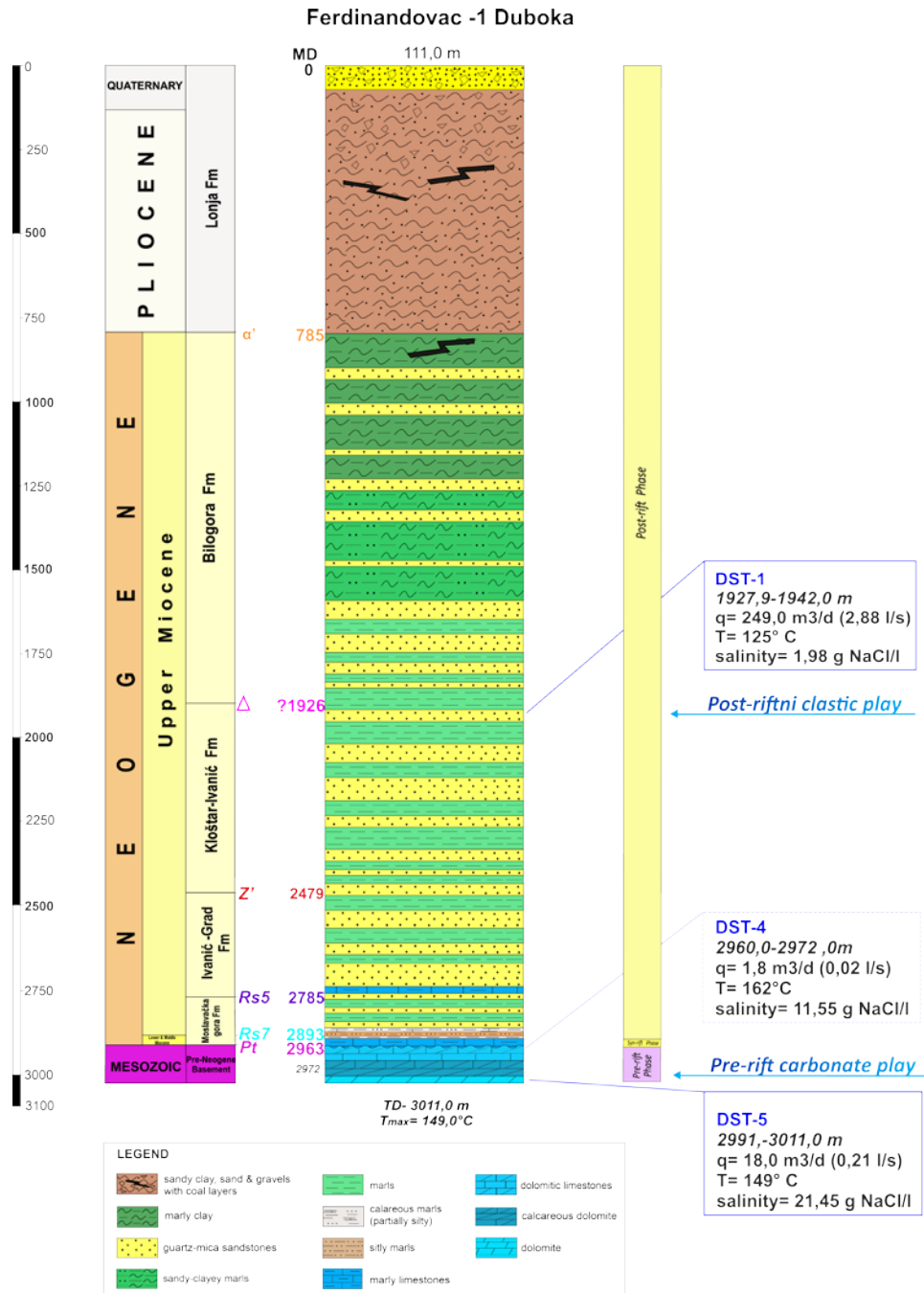


Figure 3 Schematic lithostratigraphic column of the Ferdinandovac-1 Duboka (F-1Du) well

### 3.4 Available geological, geochemical, and geophysical data

All bidders who pay the bid fee specified in Chapter 6.1. of this Bidding Round Documentation, shall be granted the right to use the data related to this exploration block of geothermal waters in order to participate in the bidding round, for the purpose of submitting a bid. The available data for Ferdinandovac-1 exploration block is shown in Tables 2. and 3. and in Figure 4.

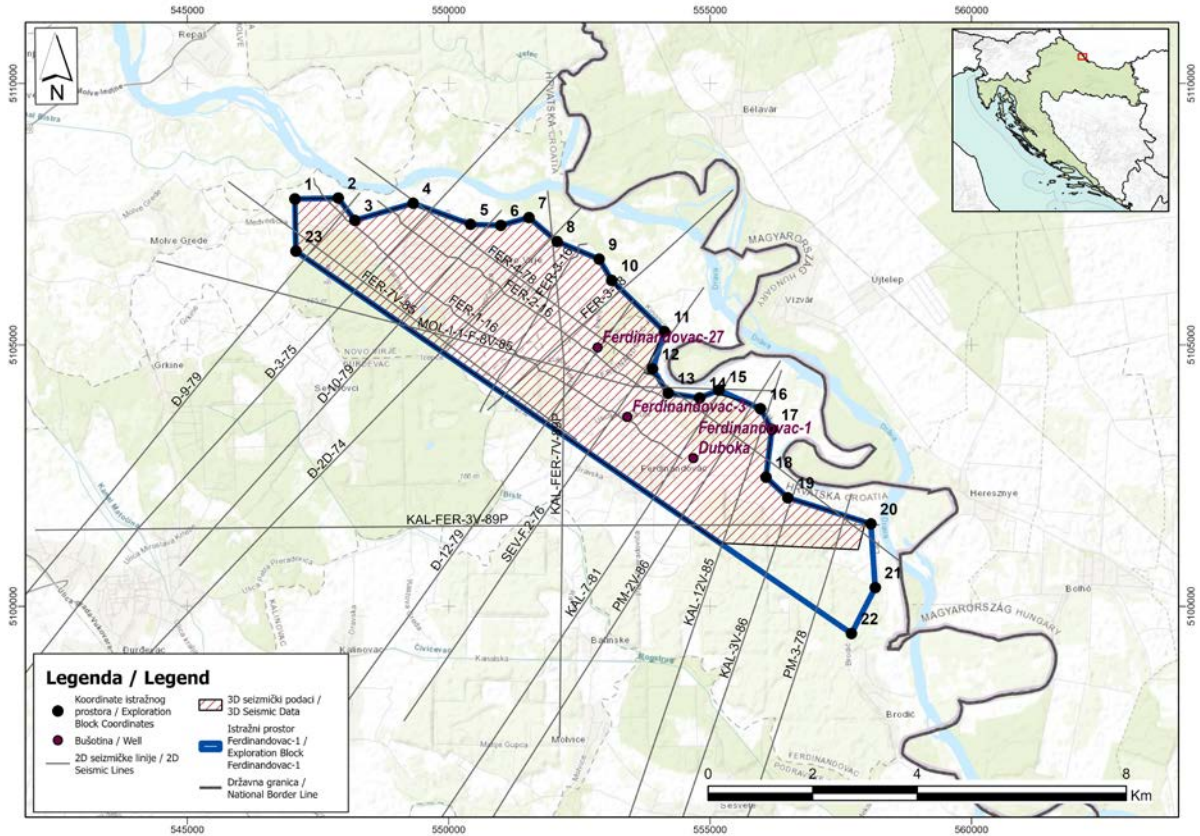


Figure 4. Available data for the Ferdinandovac-1 exploration block

*Note: The displayed part of the 3D seismic volume will not be available after payment of the bid fee, based on which the specified data is provided.*

Table 2. Available well data for Ferdinandovac-1 exploration block

Name	Short Name	End of Drilling	Total Depth (m)
Ferdinandovac-1 Duboka	F-1D	1991	3011,00
Ferdinandovac-3	F-3	1959	2063,30
Ferdinandovac-27	F-27	1968	1936,00

Table 3. Available 2D seismic data for Ferdinandovac-1 exploration block

ID	Line Name	Recording Year	Available Format	Data Type	Total Line Length (km)
1	PM-2V-86	1986	RAW/STK/MIG	2D	21,56
2	FER-3-78	1978	RAW/STK/MIG	2D	6,30
3	D-10-79	1979	STK/MIG	2D	9,16
4	KAL-12V-85	1985	STK/MIG	2D	12,21
5	KAL-FER-7V-89P	1989	RAW/STK/MIG	2D	10,46
6	Đ-3-75	1975	RAW/STK/MIG	2D	17,24
7	MOL-I-1-F-8V-85	1985	RAW/STK/MIG	2D	12,13
8	FER-4-78	1978	RAW/STK/MIG	2D	12,97
9	Đ-2D-74	1974	RAW/STK/MIG	2D	13,63
10	PM-3-78	1978	STK/MIG	2D	15,92
11	Đ-9-79	1979	RAW/STK/MIG	2D	11,27
12	KAL-FER-3V-89P	1989	RAW/STK/MIG	2D	16,12
13	FER-7V-85	1985	RAW/STK/MIG	2D	8,29
14	SEV-F.2-76	1976	STK/MIG	2D	10,06
15	Đ-12-79	1979	RAW/STK/MIG	2D	10,63
16	KAL-3V-86	1986	RAW/STK/MIG	2D	17,71
17	KAL-7-81	1981	RAW/STK/MIG	2D	10,25
18	FER-1-16	2016	STK/MIG	2D	9,11
19	FER-2-16	2016	STK/MIG	2D	7,07
20	FER-3-16	2016	STK/MIG	2D	3,93

For all information regarding available data and how to download and visit the data room, please send an inquiry to [geoterme@azu.hr](mailto:geoterme@azu.hr).

### 3.5 Conditions for carrying out exploration activities

The selected most favorable bidder for exploration of geothermal waters, which has obtained an exploration license for geothermal waters from the Ministry, shall carry out the exploration activities in accordance with the conditions specified in the exploration license for geothermal waters and in compliance with all provisions of the Act and related by-laws, as well as all other regulations of the Republic of Croatia.

Exploration of geothermal waters in Ferdinandovac-1 exploration block is carried out by performing exploration activities in order to determine the presence, location and structure of geothermal water reservoir, the quantity and quality of geothermal water reserves and exploitation conditions, in accordance with the provisions of the Act.

Pursuant to Article 58, paragraph 3 of the Act, prior to the announcement of this Bidding Round, the Ministry requested special conditions, restrictions, and approvals for the boundaries of the proposed exploration block from state administrative bodies and local and regional self-government units in whose territory the proposed exploration block is located, as well as from the legal persons with public authority.

Appendix I to this Bidding Round Documentation lists specific conditions and restrictions to be observed when carrying out exploration activities in Ferdinandovac-1 exploration block, issued by state administrative bodies, local and regional self-government units, and legal entities with public authority.

### **3.6 Type and scope of the exploration activities**

Bidders submitting the bids for exploration of geothermal waters in Ferdinandovac-1 exploration block shall prepare, as an integral part of the bid, a program of all exploration activities by type and scope with a cost estimate to be carried out during the exploration period.

The quantities and types of exploration activities indicated shall constitute the minimum requirements for the bid to be considered and taken into account as proper.

### **3.7 Deadlines and duration of the exploration license for geothermal waters**

Pursuant to the provisions of Article 64 of the Act, an exploration license for geothermal waters shall be issued for the period required for carrying out exploration activities, for a maximum of five years, with the possibility of extending the validity of the exploration license for geothermal waters up to two times, with the maximum duration of each extension lasting for six months.

#### **4. REASONS FOR EXCLUSION OF THE BIDDER AND CONDITIONS OF LEGAL AND BUSINESS, FINANCIAL, TECHNICAL AND PROFESSIONAL ABILITY OF THE BIDDER**

##### **4.1 Reasons for exclusion of bidders**

The Ministry shall exclude the bidder from the Bidding Round Procedure at any time if it determines that there are obstacles to the exercise of rights in accordance with the reasonable application of the provisions of Article 17 of the Act.

1. The bidder must prove that there are no obstacles to the exercise of the rights referred to in Article 17, paragraph 1, item 1 of the Act, i.e. that the bidder or a person who is a member of the administrative, management or supervisory body or has the authority to represent, decide or supervise, has been convicted of one of the offenses referred to in Article 17, paragraph 1, item 1 of the Act.

**The following shall be proven:**

- by a certified notarized statement by a person legally authorized to represent the bidder, which may not be older than three months before the deadline for submission of bids
2. The bidder must prove that there are no obstacles to the exercise of the rights referred to in Article 17, paragraph 1, item 2 of the Act, i.e., that the bidder is not in breach of the payment obligations referred to in Article 17, paragraph 1, item 2 of the Act.

**The following shall be proven:**

- certificate from the tax administration on the absence of debts, stating that the bidder has no outstanding debts related to public levies in the Republic of Croatia,
- statement from the energy inspection for petroleum mining of the State Inspectorate which oversees energy affairs which proves that the bidder has not been caught engaging in unlawful exploration and/or exploitation of geothermal waters,
- certificate from the ministry in charge of energy and the ministry in charge of finances stating that the bidder has no outstanding debts related to fees for the exploration and/or exploitation of geothermal waters in the Republic of Croatia,
- certificate from the authority in charge of the management of state assets stating that the bidder has no outstanding debts related to the use of forests and/or forestland, i.e., agricultural land, for the purpose of exploitation of geothermal waters in the Republic of Croatia,
- certificate from the ministry in charge of environmental protection or the competent inspection proving that the bidder does not have any defaulted obligations related to the restoration and protection of the natural environment in the Republic of Croatia.

If it is not possible to obtain one of the above – mentioned certificates from the relevant ministries or state inspection authorities, the bidder shall provide evidence that it has requested the relevant certificate and that the relevant ministries or state inspection authorities are unable to issue the requested certificate.

3. The bidder must prove that there are no obstacles to the exercise of the rights referred to in Article 17, paragraph 1, item 4 of the Act, i.e., that the bidder is not in liquidation or bankruptcy proceedings or has ceased its business activities in the Republic of Croatia.

**The following shall be proven:**

- an excerpt from the court register.
4. The bidder must prove that there are no obstacles within the meaning of Article 17, paragraph 5, item 5 of the Act, i.e., that the bidder has not had its license revoked or a previously concluded contract terminated or a specific obligation to pay damages or similar sanctions imposed on it because of significant or persistent deficiencies in the fulfillment of essential requirements under previous licenses or contracts, or similar sanctions.

**The following shall be proven:**

- by a certified, notarized statement, signed by a person legally authorized to represent the bidder and not older than three months, confirming the efficient and responsible performance of the authorized activities.

In the case of a joint bid, all members of the bidding consortium must individually demonstrate their capability in accordance with this point of the Bidding Round Documentation.

Bidders who are not domiciled in the Republic of Croatia must be registered with the competent authority of the state of establishment for exploration and exploitation of geothermal waters and meet the requirements of Article 17 of the Act. or corresponding certified statements if such certificates are not issued.

Extracts and certificates proving the fulfillment of the conditions from this point of the Bidding Round Documentation must not be older than six months prior to the deadline for bid submission, except for the statement from Chapter 4.1. items 1 and 4 of this Bidding Round Documentation.

If the bidder finds itself in one of the situations referred to in point 4 of this Chapter, it shall, irrespective of the existence of grounds for exclusion, it shall provide evidence (by paying damages or taking other appropriate measures to compensate the damage caused by the omission, actively cooperating with the competent authorities to fully clarify the facts, and taking technical, organizational and personnel measures to prevent further omissions) that the measures it has taken are sufficient to demonstrate its reliability. If this evidence is deemed sufficient, the bidder concerned shall not be excluded from the procedure.



## **4.2 Conditions of legal and business, financial, technical, and professional capacity of the bidder**

### **4.2.1 Conditions of legal and business capacity of the bidder**

The bidder must prove that it is registered as a legal person for the exploration and exploitation of geothermal waters for energy purposes.

**The following shall be proven:**

- an excerpt from the court register showing the registration of the bidder for exploration and exploitation of geothermal waters, and which must not be older than six months prior to the deadline for bid submission.

### **4.2.2 Requirements of the bidder's financial capacity**

The bidder must prove its financial capacity and enclose information on its financial condition and business operations.

**The following shall be proven:**

- BON-1 issued by the Financial Agency as proof of the bidder's creditworthiness for the last three financial years,
- BON-2 as proof of solvency, or other appropriate documents of the bank performing the bidder's payment transactions.

If the Financial Agency is unable to issue BON-1, a certificate from the Financial Agency stating that BON-1 cannot be issued must be enclosed.

If the bidder is not domiciled in the Republic of Croatia, the bidder must submit audited financial statements for the last three financial years instead of the BON-1 form.

## **4.3 Conditions for the technical and professional capacity of the bidder**

The bidder must prove technical ability and professional competence.

**The following shall be proven:**

- a brief description of activities related to the exploration and exploitation of geothermal waters during the last five years,
- the annual quantities of produced geothermal waters, if applicable,
- the number of permanent employees involved in the exploration of geothermal waters (employee registration form, employment contract or e-booklet) and other persons involved in the exploration of geothermal waters with a brief curriculum vitae,
- internal procedures for occupational safety and environmental protection as well as evidence of the bidder's compliance with environmental and occupational safety regulations. (e.g., certificates, third-party recommendations).

#### **4.4 Plan and program of exploration activities**

**The following shall be proven:**

- professionally based program of the total proposed exploration activities in terms of type and scope which will be performed during the exploration period with estimated costs,
- the deadline by which the exploration must be conducted,
- the deadline by which the exploitation of geothermal waters within the exploration block shall begin,
- plan for decommissioning of the exploration block with estimated costs.

##### **4.4.1 Financing plan for exploration activities**

The bidder must enclose a plan for financing the proposed exploration activities in accordance with the submitted program of total exploration activities by type and scope with estimated costs, i.e., showing the total amount of funds required for the proposed exploration activities and the manner in which they will be financed and secured.

**The following shall be proven:**

- a plan for financing the planned exploration activities (e.g., own funds, bank loans, funds from the parent company or another legal or natural person),
- proof of the use of the energy facility and the contribution of the project to the local community, provided by letters of support or another evidence of established cooperation.

The bidder may rely on the financial, technical, and professional capacity of the parent company or any other legal or natural person. In this case, a contract or consent must be provided that expressly states that the parent company or other legal or natural person is aware of the bidder's intention to submit a bid in this Bidding Round Procedure and expressly agrees that the bidder may rely on a specific capability of this controlling company, i.e., other legal or natural person. Evidence must be provided that the parent company, i.e., the other legal or natural person, has a specific capability upon which the bidder relies. For example, if the bidder relies on the financial capacity of the parent company, it is necessary to provide the consent of the parent company that the bidder may rely on its financial capacity in this Bidding Round Procedure and to provide BON -1 and BON -2 for the parent company, i.e. audited financial statements for the last three financial years if the parent company is not domiciled in the Republic of Croatia.

## **5. BID INFORMATION**

### **5.1 Content and form of the bid**

#### **5.1.1 Content of the bid**

Pursuant to the Article 60 of the Act, the submitted bid must contain the following:

##### **1. GENERAL PART:**

- name or corporate name of the bidder
- bidder's PIN or VAT number
- bidder's address
- bidder's phone number
- bidder's e-mail address
- bid validity period which cannot be shorter than 180 (one hundred and eighty) days from the established deadline for the bid submission
- excerpt from the competent register showing that the bidder is registered to perform activities for the exploration and exploitation of geothermal waters.

##### **2. LIST OF REQUIREMENTS AND EVIDENCE FOR FULFILLMENT**

- proof of the personal, professional, technical, and financial requirements to be met by the bidder in accordance with this Bidding Round Documentation and the Notification on the Bidding Round, as well as proof of compliance with these requirements in accordance with Chapter 4. of this Bidding Round Documentation.

##### **3. PROOF OF NON-EXISTENCE OF THE OBSTACLES**

- proof there are no obstacles to the proper application of the provisions of Article 17 of the Act, in accordance with Chapter 4.1. of this Bidding Round Documentation

##### **4. PLAN AND PROGRAM OF EXPLORATION ACTIVITIES**

- Plan and program of total proposed exploration activities by type and scope with estimated costs, prepared in accordance with chapters 4.4 and 4.4.1. of this Bidding Round Documentation

##### **5. GUARANTEE**

- bid guarantee

##### **6. ROYALTY**

- fee offered for produced quantities of geothermal waters for energy purposes

##### **7. BID FEE**

- proof of the bid fee payment

##### **8. OTHER**

- other documentation considered as relevant by the bidder.

In case the same information or documents must be listed or enclosed under more than one item of the content, it is sufficient to mention the requested information only once in the bid

and to enclose only one document. In the aforementioned case, when drafting the bid, it shall be stated in each item where the requested information or documents are listed or enclosed.

Information and proofs must be prepared and submitted in a way that allows clear and unambiguous scoring.

## **5.2 Form of the bid**

- The bid needs to be made in paper form, printed, or drafted with indelible ink.
- The bidder is obliged to deliver the bid in paper form and one copy on a storage medium (e.g., USB).
- The bid needs to be recorded as a document in pdf format or another available format.
- The storage medium shall be delivered in a closed plastic film and bound together with the bid. The cover of the plastic film must be marked with the number in the same way as other pages of the bid. Alternatively, the storage medium may be delivered as a separate part of the bid, titled, and listed in a bid content as part of the bid.
- The bid delivered on the storage medium shall be considered as a copy of the bid.
- In the event of any discrepancy between the original bid and the copy of the bid, the original bid shall prevail.
- The bid shall be composed in such a way that it forms a unit. If the bid cannot be composed into one unit due to the scope or for other objective reasons, it shall consist of two or more parts.
- The bid shall be bound together in such a way as to prevent further removal or insertion of pages (e.g., with guarantor or seal on the cover back). In case the bid is composed of two or more parts, each part shall be bound together in such a manner as to prevent further removal or insertion of pages. Parts of the bid such as samples, catalogs, storage medium or similar, which cannot be bound, shall be titled and listed in a bid content. If the bid consists of several parts, the bid content shall state how many parts the bid consists of.
- Pages of the bid shall be numbered in such a way that the ordinal number of the page and the total number of pages of the bid are evident, for example 1/57 or 57/1. If the bid is consisting of several parts, the pages must be marked in such a way that each subsequent part begins with the ordinal number following the number at which the previous part ended. If a part of the bid has already been numbered previously (e.g. in the case of catalogues), the bidder is not obliged to number this part of the bid again.
- The bid and all requested schedules shall be drafted in Croatian language and Latin script. In case some of the documents and/or proofs to be submitted in accordance with this Biding Round Documentation are drafted in a foreign language, the bidder is obliged to submit verified translation of those documents/proofs into the Croatian language, translated by an authorized court interpreter.
- The bids shall be drafted by using indelible ink. All amendments to the bid must be visible, include the date of the amendment, and be verified with the bidders' signature.

All documents to be submitted in accordance with this Biding Round Documentation shall be submitted as originals or verified copies.

### 5.3 Submitting bids and the deadline for bid submission

All bids prepared in accordance with paragraph 5.1 of this Bidding Round Documentation shall be delivered in written form and submitted in a sealed envelope to the following address:

Agencija za ugljikovodike  
Miramarska cesta 24,  
10000 Zagreb,  
Republika Hrvatska

with the title: **„NE OTVARAJ - Nadmetanje radi odabira najpovoljnijeg ponuditelja za istraživanje geotermalnih voda u istražnom prostoru „Ferdinandovac-1“ radi izdavanja dozvole za pridobivanje geotermalnih voda u energetske svrhe“.**

If the bids is not submitted as described above, it will not be opened but will be marked as invalid and returned to the bidders.

Within the deadline for submission of bids, the bidder may amend his bid, supplement it, or withdraw it.

Bids must be submitted no later than **June 1, 2023, by 12:00 p.m.** Bids may be hand delivered or sent by post, in terms that submitted bids are received by the deadline for bid submission. Bids submitted after the deadline for bid submission will not be opened but will be marked as invalid and returned to the bidders.

During reviewing and evaluating bids, if the Commission considers that the information available to it is incomplete or inadequate, it may request additional information from the bidder or a designated third party and may consult with or obtain the opinion of a consultant or other expert. In addition, the Commission may, at its discretion, request clarifications from the bidder regarding the minimum proposed exploration activities, and other parts of the bid or documents submitted with the bid.

Bidders must comply with this request within the time limit set by the Commission or their bid will be considered invalid.

### 5.4 Criteria for the selection of the most favorable bidder

Pursuant to Article 61 of the Act, the criteria to be taken into account when deciding on the most favorable bidder, i.e., when evaluating the submitted bids, are the following:

- a) the technical, financial, and professional capacity of the bidder or group of bidders,
- b) the manner in which the bidder or group of bidders plans to carry out the activities that are the subject of the license for the exploration of geothermal waters,
- c) the overall quality of the submitted bids,
- d) the financial terms offered by the bidder for the issuance of an exploration license for geothermal waters
- e) any lack of efficiency and responsibility demonstrated by the bidder in other countries in carrying out the activities that are the subject of the license.

In accordance with aforementioned, and in conjunction with item e) of the criteria for selection of the most favorable bidder, any lack of efficiency or responsibility in any form demonstrated by the bidder in previous activities that are the subject of licenses issued in the Republic of Croatia will be taken into account.

In this way, the principle of non-discrimination and the principle of transparency pursuant to Article 13, paragraph 2 of the Act are applied.

The criterion for the selection of the bid is the most favorable bid from the technical and economic point of view. The most favorable bid from the technical point of view includes the highest quality work program offered, i.e., the quantity and type of exploration work planned. The most economically advantageous bid assumes a realistically estimated financial value of the planned exploration work based on current market prices.

The details and ranking of the criteria are given in Table 4.

The bidder is required to comply with Table 4. Criteria for selection of the most favorable bidder with the offered parameters for each specified item of the criteria.

Table 4. Criteria for the selection of the most favorable bidder

BID ROUND FOR EXPLORATION OF GEOTHERMAL WATERS FOR ENERGY PURPOSES							
Work Program				Description	Quantity	Points	Share in points
Offered Work Program	1	GEOPHYSICAL MEASUREMENTS - MAGNETOTELLURIC	dot			2	
	2	GEOPHYSICAL MEASUREMENTS - 2D SEISMIC	km			3	
	3	GEOPHYSICAL MEASUREMENTS - 3D SEISMIC	km <sup>2</sup>			5	
	4	DRILLING OF EXPLORATION WELL	Well number			60	
	5	* OFFERED AMOUNT OF VARIABLE PART OF FEE FOR PRODUCED QUANTITIES OF GEOTHERMAL WATERS	%			30	
A) Total number of points for the offered work program						100	50%
Financial value of the offered works					Value of works (EUR)	Points	Share in points
Financial Value of Offered Work Program	1	GEOPHYSICAL MEASUREMENTS - MAGNETOTELLURIC				5	
	2	GEOPHYSICAL MEASUREMENTS - 2D SEISMIC				10	
	3	GEOPHYSICAL MEASUREMENTS - 3D SEISMIC				15	
	4	DRILLING OF EXPLORATION WELL				70	
B) Total number of points for the offered financial value of the offered works						100	50%
TOTAL NUMBER OF POINTS ((A × 50%) + (B × 50%))						100	100%

**\*For the purpose of evaluating the bids received, the minimum amount of the of the royalty shall be 5.0% of the market value of the geothermal water produced.**

**The bidders shall be obliged to submit their bids in the amount stated in this item or higher pursuant to this Bidding Round Documentation.**

Royalty is prescribed in accordance with Article 51 of the Act and Article 10, paragraph 2 of the Regulation on Compensation for the Exploration and Exploitation of Hydrocarbons (Official Gazette No. 25/20). Based on the criteria listed in Table 4, the Commission will evaluate and rank the received bids. For the subject of the bidding round, i.e., for the exploration block for geothermal waters, a ranked list of bids will be prepared.

Table 4 shows the proposed work program and the financial value of the offered works which will be evaluated in equal parts (50:50).

If more than one bid is received, the evaluation of the proposed work programs will be made with the corresponding financial value in relation to the best technical and economic bid. Each item of the proposed work programs and the financial value of the offered work programs shall be evaluated.

In Table 4. the prices must be given in Euro without VAT.

The fulfillment of the criteria will be determined on the basis of the information provided in the bid and the documents and evidence submitted.

If two or more regular bids are ranked equally according to the criteria for selecting the most favorable bid, other relevant and objective non-discriminatory criteria will be used for the final decision.

If the first ranked bidder withdraws its bid or fails to submit a supplement or clarification of its bid within the specified time, or if an issued exploration license for geothermal waters is revoked for any reason, the exploration license will be awarded to the second ranked bidder.

### **5.5 Validity of bids**

The validity period of the bids must be at least 180 (one hundred and eighty) days from the deadline for bid submission.

The Ministry may request an extension of the period for bid validity and, consequently, of the duration of the guarantee of the seriousness of the bid referred to in Chapter 7.1. of this Bidding Round Documentation.



## **6. OTHER INFORMATION REGARDING BIDDING ROUND**

### **6.1 Bid fee**

All bidders interested in submitting bids shall pay a bid fee in the amount of EUR 1.327,00 (in words: one thousand three hundred and twenty seven Euro) for the exploration block for which the bid shall be submitted.

The bid fee shall be paid to the State budget, IBAN: HR1210010051863000160, model: HR64 and reference number: 9733-49649-OIB of the payer and payment description: "Pristojba za nadmetanje "Ferdinandovac-1".

All bidders who make the payment of the bid fee shall have the right to use the data of the Ferdinandovac-1 exploration block for the purpose of participating in the Bidding Round, i.e., for the purpose of submitting bids under the conditions specified in paragraph 3.4 of this Bidding Round Documentation.

It should be emphasized that a certain part of the Ferdinandovac-1 exploration block is covered with 3D seismic data, which will not be available after payment of the bid fee.

### **6.2 Clarification Requests and Amendments to the Bidding Documents**

No later than eight days prior to the deadline for bid submission bidders may submit requests for clarification of the Bidding Round Documentation to the following address:

Agencija za ugljikovodike,  
Miramarska cesta 24,  
10000 Zagreb,  
Republika Hrvatska

or via e-mail to the e-mail address: [geoterme@azu.hr](mailto:geoterme@azu.hr).

Croatian Hydrocarbon Agency shall make available the requested clarifications of the Bidding Round Documentation to all bidder at latest six days prior to the deadline for bid submission.

## 7. GUARANTEES

### 7.1 Type and instrument of bid guarantee

The bidders are obliged to deliver a bid guarantee together with their bids in the amount of **EUR 100.000,00 (in words: one hundred thousand Euro)** in the form of a bank guarantee. The bid guarantee must be issued by a bank or credit institution acceptable to the Ministry. A bank or credit institution acceptable to the Ministry is one of the banks or credit institutions listed in the Croatian National Bank <https://www.hnb.hr/temeljne-funkcije/supervizija/popis-kreditnih-institucija> and <https://www.hnb.hr/documents/20182/121774/h-popis-institucija-iz-EU.xlsx>.

The bid guarantee must be irrevocable and unconditional, must be provided at the first call and must be valid for 180 (one hundred and eighty) days after the deadline for bid submission.

The bank guarantee shall be issued in favor of:

Ministarstvo gospodarstva i održivog razvoja  
Radnička cesta 80  
10 000 Zagreb  
Republika Hrvatska.

The Ministry will activate the bid guarantee in case the bidder withdraws from the binding bid within the validity period, if it submits false information or evidence in the bid, if not submit an amendment or clarification of the bid within the deadline, if it does not submit a guarantee for the fulfillment of the obligations within the exploration period or a guarantee for the decommissioning of the exploration block within the period prescribed in the issued exploration license.

The form for the bank guarantee for bid guarantee can be found in Appendix II of this Bidding Round Documentation.

### 7.2 Proceedings with the bid guarantee

The Ministry will return the bid guarantee to the selected most favorable bidder and the other bidders immediately upon completion of the process to select the most favorable bidder but shall retain a copy of the guarantees.

### 7.3 Guarantee for fulfillment of obligations during the exploration period

The bidder shall provide a guarantee for fulfillment of obligations during the exploration period in the amount of 10% of the value of the proposed exploration works in the exploration block, within 30 (thirty) days from the effective date of issued exploration license, in the form of a bank guarantee issued in accordance with item 7.1. The guarantee must be valid until the end of exploration period.

The Ministry will activate the guarantee for the fulfillment of the obligations of the exploration period, if the selected most favorable bidder fails to fulfill the obligations under the issued exploration license in whole or in part, within the deadline.

The form of the bank guarantee for fulfillment of the obligations from the exploration period is specified in Appendix III of this Bidding Round Documentation.

#### **7.4 Guarantee for the decommissioning of the exploration block**

Pursuant to the Act, the selected most favorable bidder is obliged to submit a guarantee for the decommissioning of the exploration block in the form of a bank guarantee issued in accordance with the terms and conditions set forth in item 7.1.

The amount of the bank guarantee must be in accordance with the decommissioning plan and estimated costs as set forth in Chapter 4. of this Bidding Round Documentation.

The Ministry will activate the guarantee if the selected most favorable bidder fails to meet the decommissioning obligations for the exploration block prescribed within an exploration license.

The form of the bank guarantee for the decommissioning of the exploration block can be found in Appendix IV of this Bidding Round Document.

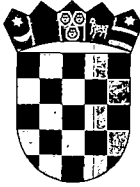
## **8. PROCEEDINGS WITH PERSONAL DATA**

All personal data of natural persons submitted in the bids shall be used exclusively and only for the purpose of evaluating the bids. All natural persons, including legal representatives of bidders and employees, external associates, etc., whose data are submitted as part of the bids for this Bidding Round and who sign the form in Appendix V of this Bidding Round Documentation.

## **APPENDIX I - SPECIFIC CONDITIONS AND RESTRICTIONS THAT MAY BE RESPECTED DURING PERFORMANCE OF EXPLORATION ACTIVITIES**

Specific conditions and restrictions that must be respected when conducting exploration activities in the Ferdinandovac-1 exploration block granted by state administrative bodies, local and regional self-government bodies, and legal entities with public authority:

- Ministry of Culture, Directorate for the Protection of Cultural Heritage, Conservation Department in Bjelovar, CLASS: 612-08/20-23/0368, RE: 532-04-02-02/4-20-2, from January 29, 2020
- Ministry of Defense, Directorate for Material Resources, Military Infrastructure Division, Military Construction and Energy Efficiency Service, CLASS: 350-05/20-01/31, RE: 512M3-020202-20-2, from January 28, 2020
- Ministry of Agriculture, Forestry, Hunting and Wood Industry Administration, CLASS: 350-05/20-01/55, RE: 525-11/0567-20-2, from January 24, 2020
- Ministry of Agriculture, Directorate of Agriculture and Food Industry, CLASS: 310-34/20-01/05, RE: 525-07/0148-20-2, from February 12, 2020
- Ministry of the Sea, Transport and Infrastructure, Directorate for Road and Railway Infrastructure, CLASS: 310-01/20-01/5, RE: 530-06-2-1-20-6, from February 24, 2020
- Croatian Civil Aviation Agency, CLASS: 350-05/20-01/09, RE: 376-05-01-20-02, from February 5, 2020
- Ministry of the Interior, Civil Protection Directorate, Inspectorate Division, Fire, Fire and Civil Protection Inspection, CLASS: 214-02/20-11/12, RE: 511-01-208-20-2, from January 23, 2020
- Ministry of the Environment and Energy, Directorate for Water Management and Marine Protection CLASS: 325-01/20-01/24, RE: 517-07-1-2-2-20-4, from March 6, 2020
- Ministry of Environment and Energy, Directorate for Nature Conservation, CLASS: 612-07/20-01/10, RE: 517-05-2-3-20-2, from February 28, 2020
- Ministry of Environment and Energy, Directorate for Environmental Impact Assessment and Sustainable Waste Management, CLASS: 310-01/20-03/03, RE: 517-03-20-20, from May 21, 2020
- Ministry of Environment and Energy, Energy Directorate, Renewable Energy Service, CLASS: 310-01/20-03/03, RE: 517-06-2-2-20-6, from January 20, 2020
- Koprivnica-Križevci County, Administrative Department for Physical Planning, Construction and Environmental and Nature Protection, CLASS: 351-02/20-01/5, RE: 2137/1-05/03-20-2, from February 12, 2020
- Ferdinandovac Municipality, CLASS: 310-01/20-01/01, RE: 2137/15-03-20-2, from January 28, 2020



REPUBLIKA HRVATSKA  
MINISTARSTVO KULTURE

UPRAVA ZA ZAŠTITU KULTURNE BAŠTINE  
Sektor za konzervatorske odjele i inspekciju  
KONZERVATORSKI ODJEL U BJELOVARU

Klasa: 612-08/20-23/0368  
Ur. broj: 532-04-02-02/4-20-2  
Bjelovar, 29. siječnja 2020.

Ministarstvo zaštite okoliša i energetike  
Radnička cesta 80  
10 000 Zagreb

PREDMET: - Posebni uvjeti zaštite kulturnih dobara  
- provođenje nadmetanja za odabir najpovoljnijeg ponuditelja za istraživanje geotermalnih voda  
- Lokacija: istražni prostor „Ferdinandovac 1“

Ministarstvo kulture, Uprava za zaštitu kulturne baštine, Sektor za konzervatorske odjele i inspekciju, Konzervatorski odjel u Bjelovaru temeljem članka 60. u svezi s člankom 6. stavkom 1. točka 11. Zakona o zaštiti i očuvanju kulturnih dobara ("NN" br. 69/99., 151/03., 157/03., 87/09., 88/10., 61/11., 25/12., 136/12., 157/13., 152/14., 98/15, 44/17., 90/18.) te sukladno članku 82. zakona o gradnji („NN“ 153/13), a povodom zahtjeva Ministarstva zaštite okoliša i energetike, Zagreb, za izdavanjem posebnih uvjeta u predmetu istraživanja geotermalnih voda na području istražnog prostora „Ferdinandovac 1“, ukupne površine 28,62 km<sup>2</sup>, utvrđuje sljedeće:

1. Konzervatorski odjel u Bjelovaru suglasan je s predloženim zahvatima u prostoru unutar određenih vršnih točaka (1. E 547 056,86 N 5 107 790,43 2.E 547 886,73 N 5 107 806,09, 3. E 548 204,79 N 5 107 382,03, 4. E 549 318,79 N 107 708,07, 5. N 550 416,60 E 5 107 303, 67, 6. E 550 997,07 N 5107 284, 58, 7. E 551 534, 34 N 5 107 434, 70, 8. E 552 073,12 N 5 106 974,75, 9. E552 879,60 N 5 106 639, 86, 10. E 553 117,31 N % 106 234, 26, 11. E 554 126,01 N 5 105 253, 05, 12. 553 899,44 N 5 104 538,66, 13. E 554 198, 21 N 5 104 074, 22, 14. E 554 799,96 N 5 103 985,55, 15. E 555167,23 N 5 104 132,50, 16. E 555 964,04 N 5 103 777,42, 17. E 556 181,54, N 5 103 381,42, 18. E 556 006,67 N 5 102 469,12, 19. E 556 486,09 N 5 102 076, 89 20. E 558 075, 73 N 5 101 576, 69, 21. E 558 158,71 N 5 100 358, 07, 22. E557 705,19 N 5 099 479,41 23. E 547 075, 74 N 5 106 790,64 po sustavu HTRS96).
2. Ako se pri izvođenju zemljanih radova na prostoru predmetnog zahvata naiđe na arheološke nalaze ili nalazište, temeljem članka 45. Zakona o zaštiti i očuvanju kulturnih dobara (NN 69/99, NN 151/03; NN 157/03 Ispravak, NN 87/09, NN 88/10, NN 61/11, NN 25/12, NN 136/12 ,NN 157/13, NN 152/14, 44/17 i 90/18) izvođač radova dužan je odmah iste prekinuti, te o nalazu obavijestiti nadležno tijelo Ministarstva kulture. Također, izvođač je dužan pridržavati se i svih drugih odredbi koje proizlaze iz članka 45. i 46. navedenog zakona.

S poštovanjem,



PO OVLAŠTENJU MINISTRICE,  
PROČELNIK:

Milan Pezelj, dipl.ing.arh.

REPUBLIKA HRVATSKA  
MZOIE

Primljeno	31.1.2020.	
Klasifikacijska oznaka	Org. jed.	
310-01/20-03/03	06-3	
Urudžbeni broj	Pril.	Vrij.
532-20-11	0	0,00



DOSTAVITI:

- 1) Ovoj Upravi, ovdje
- 2) Pismohrani





REPUBLIKA HRVATSKA  
Ministarstvo obrane

UPRAVA ZA MATERIJALNE RESURSE  
SEKTOR ZA VOJNU INFRASTRUKTURU  
SLUŽBA ZA VOJNO GRADITELJSTVO I  
ENERGETSKU UČINKOVITOST

www.morh.hr

KLASA: 350-05/20-01/31  
URBROJ: 512M3-020202-2  
Zagreb, 28. siječanj 2020.

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REPUBLIKA HRVATSKA  
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Primljeno	30.1.2020.	
Klasifikacijska oznaka	Org. jed.	
310-01/20-03/03	06-3	
Urudžbeni broj	Prii.	Vrij.
512-20-9	0	0,00



M. ... OKOLISA  
I ENERGETIKE  
Radnička cesta 80, Zagreb

**Predmet:** Provođenje nadmetanja za odabir najpovoljnijeg ponuditelja za istraživanje geotermalnih voda u istražnom prostoru „Ferdinadovac 1“ radi izdavanja dozvole za pridobivanje geotermalnih voda - posebni uvjeti, dostavljaju se

**Veza: Vaš akt** Klasa: 310-01/20-03/03,  
Urbroj: 517-06-3-1-20-4 od 14. siječnja 2020.

Na temelju odredbe članka 92. Zakona o obrani („Narodne novine“ broj 73/13, 75/15, 27/16, 110/17, 30/18 i 70/19), u skladu sa člankom 58. Zakona o istraživanju i eksploataciji ugljikovodika („Narodne novine“, broj 52/18 i 52/19), a vezano na zahtjev iz veze predmeta za dostavom posebnih uvjeta za navedeni zahvat u prostoru, izdajemo posebne uvjete građenja.

Uvidom u dostavljeni pregledni zemljovid predloženog istražnog prostora geotermalnih voda „Ferdinandovac 1“ utvrđujemo da zahvat u prostoru mora biti u skladu s dokumentima prostornog uređenja i navedenim prikazom. Planirano neće imati utjecaja na zone posebne namjene i zaštitne i sigurnosne zone vojnih lokacija i građevina, u skladu s odredbama Pravilnika o zaštitnim i sigurnosnim zonama oko vojnih lokacija i građevina („Narodne novine“ 122/15), te smo suglasni s navedenim zahvatom u prostoru.

U postupcima ishoda dozvola sukladno zakonskoj regulativi, potrebno je ishoditi suglasnost ovog ministarstva i dostaviti izvod iz građevinskog projekta.

ZL/DČ

VODITELJ SLUŽBE

Velimir Amić, dipl.ing.geod.

p.o.



Dostaviti:  
- naslovu  
- pismohrana, ovdje



REPUBLIKA HRVATSKA  
MINISTARSTVO POLJOPRIVREDE

10000 Zagreb, Planinska 2a

KLASA: 350-05/20-01/55

URBROJ: 525-11/0567-20-2

Zagreb, 24. siječnja 2020. godine

REPUBLIKA HRVATSKA  
MZOE

Primljeno	5.2.2020.	
Klasifikacijska oznaka	Org. jed.	
310-01/20-03/03	06-3	
Urudžbeni broj	Pril.	Vrij.
525-20-13	0	0,00



MINISTARSTVO ZAŠTITE OKOLIŠA  
I ENERGETIKE

Radnička cesta 80, 10 000 Zagreb

**PREDMET: Provođenje nadmetanja za odabir najpovoljnijeg ponuditelja za istraživanje geotermalnih voda u istražnom prostoru „Ferdinandovac-1“ radi izdavanja dozvole za pridobivanje geotermalnih voda - suglasnost i ograničenja, dostavljaju se**

Poštovani,

ovo Ministarstvo na temelju članka 2. stavka 3. Zakona o šumama („Narodne novine“, broj 68/18., 115/18. i 98/19.) te članka 58. stavka 3. Zakona o istraživanju i eksploataciji ugljikovodika („Narodne novine“, broj 52/18. i 52/19.) daje suglasnost na granice istražnog prostora „Ferdinandovac-1“ radi izdavanja dozvole za pridobivanje geotermalnih voda.

Isto tako, dostavljamo vam ograničenja na zahvat u prostoru, ako se isti planira na šumi i šumskome zemljištu u vlasništvu Republike Hrvatske. Istraživanje geotermalnih voda nije dopušteno na površinama šuma posebne namjene. U zaštitnim šumama, isto je prihvatljivo ako se predmetna istraživanja obavljaju samo izvan dijela u kojemu su iste zbog svoje specifičnosti proglašene zaštitnim šumama temeljem Zakona o šumama, dok u gospodarskim šumama nemamo posebnih ograničenja.

Ova suglasnost nema utjecaja na mogućnost, način i uvjete rješavanja imovinskopravnih odnosa na nekretninama u vlasništvu Republike Hrvatske, obuhvaćenim šumskogospodarskim područjem Republike Hrvatske, unutar istražnog prostora „Ferdinandovac-1“ niti odabrani ponuditelj za istraživanje geotermalnih voda može isticati prema Republici Hrvatskoj obvezopravni i/ili stvarnopravni zahtjev po bilo kojoj osnovi.

Odabrani ponuditelj obvezuje se naknadno riješiti imovinskopravne poslove s vlasnikom nekretnina.

S poštovanjem,



DOSTAVITI:

1. Naslovu
2. U spis predmeta.



**REPUBLIKA HRVATSKA**  
**MINISTARSTVO POLJOPRIVREDE**

10000 Zagreb, Ul. grada Vukovara 78, P.P. 1034  
Telefon: 61 06 111, Telefax: 61 09 201

KLASA: 310-34/20-01/05  
URBROJ: 525-07/0148-20-2  
Zagreb, 12. veljače 2020.



**REPUBLIKA HRVATSKA**  
**MZOE**

Primljeno	25.2.2020.	
Klasifikacijska oznaka	Org. jed.	
310-01/20-03/03	06-3	
Urudžbeni broj	Pril.	Vrij.
525-20-16	0	0,00



**MINZOE - MINISTARSTVO ZAŠTITE OKOLIŠA I**  
**ENERGETIKE**  
Radnička cesta 80 10000 Zagreb

**Predmet: Provođenje nadmetanja za odabir najpovoljnijeg ponuditelja za istraživanje geotermalnih voda u istražnom prostoru „Ferdinandovac 1” radi izdavanja dozvole za pridobivanje geotermalnih voda - očitovanje - daje se**

*Na vaš broj:*

*KLASA: 310-01/20-03/03*

*URBROJ: 517-06-3-1-20-4*

*Od: Zagreb, 14. siječnja 2020.*

*Primljeno: 525 - Ministarstvo poljoprivrede: 22. siječnja 2020.*

Poštovani,

Ministarstvo zaštite okoliša i energetike temeljem članka 58. stavka 5. Zakona o istraživanju i eksploataciji poziva tijela državne uprave, jedinice lokalne i područne (regionalne) samouprave na čijem području se nalazi predloženi istražni prostor i pravnih osoba s javnim ovlastima da se očituju na granice predloženog istražnog prostora.

U skladu sa Zakonom o poljoprivrednom zemljištu („Narodne novine“, br. 20/18, 115/18 i 98/19. u daljnjem tekstu Zakon ), a radi omogućavanja proizvodnje hrane, zaštite zdravlja ljudi, životinjskog i biljnog svijeta, nesmetanog korištenja i zaštite prirode i okoliša provodi se zaštita poljoprivrednog zemljišta (tla) od oštećenja, u smislu zaštite od umanjenja i/ili gubitka proizvodne sposobnosti za poljoprivrednu proizvodnju.

Korištenje prostora izvan građevinskog područja namijenjeno je prioritarno, a dijelom isključivo u funkciji poljoprivredne proizvodnje, s težnjom očuvanja što većih i kontinuiranih proizvodnih površina, posebice površina pod višegodišnjim nasadima.

Temeljem članka 4.i 5. Zakona regulira se korištenje, odnosno zaštita poljoprivrednog zemljišta od oštećenja, dok se člankom 22. ograničava prenamjena bonitetno najvrijednijeg poljoprivrednog zemljišta, osobito vrijednog obradivog (P1) i vrijednog obradivog (P2) poljoprivrednog zemljišta.

Predmetni zahvat mora biti usklađen sa Prostornim planom uređenja Grada/Općine.

Gore navedeno treba uvažiti kod odabira pojedinačnog istražnog bušotinskog prostora u funkciji istraživanja, kao i kod korištenja pristupnih površina, odnosno sanacije po napuštanju bušotina tj. privođenja prvobitnoj namjeni.

Ovo očitovanje nema utjecaja na način i uvjete rješavanja imovinskopravnih odnosa na nekretninama u vlasništvu Republike Hrvatske.

S poštovanjem,



**POMOĆNIK MINISTRICE**  
**izv. prof. dr. sc. Krunoslav Karalić**



REPUBLIKA HRVATSKA  
Ministarstvo mora, prometa  
i infrastrukture

Uprava za cestovnu i željezničku  
infrastrukturu

KLASA: 310-01/20-01/5  
URBROJ: 530-06-2-1-20-6  
Zagreb, 24. veljače 2020. godine

E U  
2 0  
H R Hrvatsko predsjedanje  
Vijećem Europske unije

REPUBLIKA HRVATSKA  
MZOE

Primljeno	2.3.2020.	
Klasifikacijska oznaka	Org. jed.	
310-01/20-03/03	06-3	
Uredžbeni broj	Pril.	Vrij.
530-20-17	0	0,00



MINISTARSTVO ZAŠTITE OKOLIŠA  
I ENERGETIKE  
Radnička cesta 80  
10000 Zagreb

**PREDMET:** Provođenje nadmetanja za odabir najpovoljnijeg ponuditelja za istraživanje geotermalnih voda u istražnom prostoru „Ferdinandovac-1“ radi izdavanja dozvole za pridobivanje geotermalnih voda  
-odgovor, *daje se*

**Veza:** Vaš zahtjev, KLASA: 310-01/20-03/03; URBROJ: 517-06-3-1-20-4 od 14.01.2020.

Poštovani,

zaprimili smo Vaš, gore navedeni, zahtjev koji se odnosi na izdavanje posebnih uvjeta, ograničenja i suglasnosti na granice predloženih istražnih prostora za istraživanje geotermalnih voda, na koji ogovaramo kako slijedi:

Temeljem čl. 55. Zakona o cestama („Narodne novine“ br.: 84/11., 18/13., 22/13., 54/13., 148/13., 92/14. i 110/19.) propisan je zaštitni pojas javnih cesta koji se mjeri od vanjskog ruba zemljišnog pojasa tako da je širok sa svake strane :

- autoceste, 40 m,
- brze ceste u smislu zakona kojim se uređuje sigurnost prometa na cestama, 40 m,
- državne ceste, 25 m,
- županijske ceste, 15 m,
- lokalne ceste, 10 m.

Zabranjeno je poduzimati bilo kakve radove ili radnje u zaštitnom pojasu javne ceste bez suglasnosti pravne osobe koja upravlja javnom cestom ako bi ti radovi ili radnje mogli nanijeti štetu javnoj cesti, kao i ugrožavati ili ometati promet na njoj te povećati troškove održavanja javne ceste. U suglasnosti se određuju uvjeti za obavljanje tih radova ili radnji.

S poštovanjem,



- Prilozi:
1. Posebni uvjeti HŽ Infrastrukture
  2. Posebni uvjeti Hrvatskih cesta d.o.o., Poslovna jedinica Varaždin
  3. Posebni uvjeti ŽUC Koprivničko-križevačke županije



# HŽ INFRASTRUKTURA

10000 Zagreb, Mihanovićeva 12

Republika Hrvatska  
530-MMP

RAVA

Primljeno	17.02.2020	
Klasifikacijska oznaka	Org. jed.	
310-01/20-01/5	06-2-1	
Urudžbeni broj	Pril.	Vrij.
378-20-5	0	0,00



tel: +385 01 378 34 68  
fax: +385 (0)1 378 3396  
e-mail: [ljiljana.berc@hzinfra.hr](mailto:ljiljana.berc@hzinfra.hr)  
naš broj i znak: 768-1/20, 1.3.2. Lj.B.  
195-1/20  
vaš broj i znak: klasa: 310-01/20-01/5  
urbroj: 530-06-2-1-20-2  
datum: 7. veljače 2020.

Republika Hrvatska  
Ministarstvo mora, prometa  
i infrastrukture  
Uprava za cestovnu i željezničku  
infrastrukturu

Zagreb, Prisavlje 14

**Predmet: Provođenje nadmetanja za odabir najpovoljnijeg ponuditelja za istraživanje geotermalnih voda u istražnom prostoru „Ferdinandovac-1“ - očitovanje**

Poštovani,

Dajemo suglasnost na granice predloženog istražnog prostora za istraživanje geotermalnih voda „Ferdinandovac-1“.

Predloženi predmetni istražni prostor je na udaljenosti većoj od 7000 metara od željezničke pruge R202 Varaždin - Dalj.

S poštovanjem,

PREDSJEDNIK UPRAVE



Ivan Kršić, dipl. ing. građ.



KLASA: 023-03/20-01/07  
UR.BROJ: 345-920-921/607-20-03  
Varaždin, 11.02.2020.

Republika Hrvatska  
530-MMP1

Primljeno	17.02.2020	
Klasifikacijska oznaka	Org. jed.	
310-01/20-01/5	06-2-1	
Uredžbeni broj	Pril.	Vrij.
383-20-4	0	0,00



REPUBLIKA HRVATSKA  
Ministarstvo mora, prometa i infrastrukture  
Uprava za cestovnu i željezničku  
infrastrukturu  
HR-10000 ZAGREB

Prisavlje 14

Predmet: Provođenje nadmetanja za odabir najpovoljnijeg ponuditelja za istraživanje geotermalnih voda u istražnom prostoru „Ferdinandovac-1“ radi izdavanja dozvole za pridobivanje geotermalnih voda

- Očitovanje, daje se

Vezano na zahtjev Klasa: 310-01/20-01/5, Ur.broj: 530-06-2-1-20-2 od 22.01.2020.g. kojim se traži dostava posebnih uvjeta, ograničenja i suglasnosti na granice predloženog istražnog prostora za istraživanje geotermalnih voda „Ferdinandovac-1“, po izvršenom uvidu u našu i dostavljenu dokumentaciju dajemo očitovanje:

- Predloženim istražnim prostorom geotermalnih voda „Ferdinandovac-1“ prema sadašnjim planovima nisu obuhvaćene dionice postojećih državnih cesta niti koridori planiranih državnih cesta te Hrvatske ceste d.o.o., Zagreb, Poslovna jedinica Varaždin nemaju posebnih uvjeta.

U slučaju potrebe za dodatnim informacijama, stojimo Vam na usluzi.

S poštovanjem,

Rukovoditelj poslovne jedinice:

Davor Bobićanec, dipl. ing. građ.





ŽUPANIJSKA UPRAVA ZA UPRAVLJANJE  
ŽUPANIJSKIM I LOKALNIM CESTAMA  
KOPRIVNIČKO – KRIŽEVAČKE ŽUPANIJE  
48260 Križevci, I. Z. Dijankovečkog 3

Republika Hrvatska  
530-MMP1

Primljeno	10.02.2020	
Klasifikacijska oznaka	Org. jed.	
310-01/20-01/5	06-2-1	
Uredbeni broj	Pril.	Vrij.
376-20-3	0	0,00

Telefon: (048) 711-208

Telefax: (048) 711-209

KLASA: 340-09/20-01/138

URBROJ: 2141-06-376-06-138/2020

Križevci, 05.02.2020.



REPUBLIKA HRVATSKA  
Ministarstvo mora, prometa i infrastrukture  
Uprava za cestovnu i željezničku  
infrastrukturu  
Prisavlje 14

10 000 ZAGREB

**Predmet: Provođenje nadmetanja za odabir najpovoljnijeg ponuditelja za istraživanje geotermalnih voda u istražnom prostoru „Ferdinandovac 1“ radi izdavanja dozvole za pridobivanje geotermalnih voda**  
- Očitovanje – dostavlja se

Poštovani,

Prema Vašem dopisu (KLASA: 310-01/20-01/5 URBROJ: 530-06-2-1-20-2) a vezano za provođenje nadmetanja za odabir najpovoljnijeg ponuditelja za istraživanje geotermalnih voda u istražnom prostoru „Ferdinandovac 1“ radi izdavanja dozvole za pridobivanje geotermalnih voda, očitujemo se u nastavku.

Županijska uprava za upravljanje županijskim i lokalnim cestama Koprivničko-križevačke županije nema posebnih uvjeta, ograničenja i suglasnosti na granice predloženog istražnog prostora za istraživanje geotermalnih voda.

Najkasnije 10 dana prije izvođenja radova unutar cestovnog zemljišta investitor je dužan od nadležne uprave za ceste ishoditi Suglasnost za izvođenje radova uz javnu cestu *sukladno* Zakonu o cestama čl. 55. i 57. (NN 84/11, 22/13, 54/13, 148/13, 92/14, 110/19), uz dostavu dozvole o pridobivanju geotermalnih voda i Elaborata privremene regulacije prometa.

S poštovanjem.

O tom obavijestiti:

1. Arhiva ovdje.

Stručni suradnik za upravno – tehničke poslove  
i sigurnost prometa:



Marcel Kovačić, dipl.ing.prom.



REPUBLIKA HRVATSKA

MINISTARSTVO MORA,  
PROMETA I INFRASTRUKTURE

KLASA: 310-01/20-01/9  
URBROJ: 530-07-1-1-20-2  
Zagreb, 22. siječnja 2020. godine

REPUBLIKA HRVATSKA  
MZOIE

Primljeno	24.1.2020.	
Klasifikacijska oznaka	Org. jed.	
310-01/20-03/03	06-3	
Urudžbeni broj	Pril.	Vrij.
530-20-8	0	0,00



HRVATSKA AGENCIJA ZA  
CIVILNO ZRAKOPLOVSTVO  
Ulica grada Vukovara 284, Zagreb

**PREDMET:** Provođenje nadmetanja za odabir najpovoljnijih ponuditelja za istraživanje geotermalnih voda u istražnom prostoru "Ferdinandovac-1" radi izdavanja dozvole za pridobivanje geotermalnih voda  
- *dostavlja se na postupanje*

Podneskom od 14. siječnja 2020. godine, u gornjem predmetu, Ministarstvo zaštite okoliša i energetike obratilo se ovom Ministarstvu sa zahtjevom za dostavu posebnih uvjeta, ograničenja i suglasnosti na granice predloženog istražnog postupka.

S obzirom na nadležnosti Hrvatske agencije za civilno zrakoplovstvo utvrđene Zakonom o zračnom prometu („Narodne novine“, broj 69/09, 84/11, 54/13, 127/13 i 92/14), u privitku Vam dostavljamo uvodno navedeni podnesak s pripadajućim privitkom na postupanje.

S poštovanjem,



**Privitak:** kao u tekstu

**Na znanje:**  
Ministarstvo zaštite okoliša i energetike ✓  
Radnička cesta 80, 10000 Zagreb



REPUBLIKA HRVATSKA  
HRVATSKA AGENCIJA ZA CIVILNO ZRAKOPLOVSTVO

KLASA: 350-05/20-01/09  
URBROJ: 376-05-01-20-02

Zagreb, 05. veljače 2020.

REPUBLIKA HRVATSKA  
MZOE

Primijeno	10.2.2020.	
Klasifikacijska oznaka	Org.ljed.	
310-01/20-03/03	06-3	
Urudžbeni broj	Pril.	Vrij.
376-20-14	0	0,00



Ministarstvo zaštite okoliša i energetike  
n/r gosp. Ivo Milatić, državni tajnik  
Radnička cesta 80  
10 000 Zagreb

Predmet: Provođenje nadmetanja za odabir najpovoljnijih ponuditelja za istraživanje geotermalnih voda u istražnom prostoru „Ferdinandovac -1“ radi izdavanja dozvole za pridobivanje geotermalnih voda

- očitovanje, daje se

Poštovani,

Nastavno na Vaš dopis, KLASA: 310-01/20-03/03, URBROJ: 517-06-3-1-20-4 od 14. siječnja 2020., a prosljeđen od strane Ministarstva mora, prometa i infrastrukture u Hrvatsku agenciju za civilno zrakoplovstvo dana 22. siječnja 2020., na nadležno postupanje, zatražili ste posebne uvjete, ograničenja i suglasnosti na granice predloženog istražnog prostora geotermalnih voda „Ferdinandovac -1, površina = 28,62 km<sup>2</sup>.

Vezano za Vaš zahtjev, a uvidom u dostavljenu dokumentaciju utvrdili smo da iz nadležnosti Hrvatske agencije za civilno zrakoplovstvo nemamo posebnih uvjeta na granice predloženog istražnog prostora geotermalnih voda „Ferdinandovac -1“, površina = 28,62 km<sup>2</sup>.

S poštovanjem,



Direktor

Marin Puh

Na znanje:  
Ministarstvo mora, prometa i infrastrukture  
Prisavlje 14  
10 000 Zagreb



REPUBLIKA HRVATSKA  
**MINISTARSTVO UNUTARNJIH POSLOVA**  
RAVNATELJSTVO CIVILNE ZAŠTITE  
SEKTOR ZA INSPEKCIJSKE POSLOVE  
INSPEKCIJA ZAŠTITE OD POŽARA, VATROGASTVA I  
CIVILNE ZAŠTITE

KLASA: 214-02/20-11/12  
URBROJ: 511-01-208-20-2  
Zagreb, 23. siječnja 2020.

**MINISTARSTVO ZAŠTITE OKOLIŠA I ENERGETIKE**  
Radnička cesta 80, 10000 Zagreb

**PREDMET:** Provođenje nadmetanja za odabir najpovoljnijih ponuditelja za istraživanje geotermalnih voda u istražnom prostoru "Ferdinandovac-1", radi izdavanja dozvole za pridobivanje geotermalnih voda  
- suglasnost, daje se

**VEZA:** dopis KLASA: 310-01/20-03/03; URBROJ: 517-06-3-1-20-4 od 14. siječnja 2020. godine.

Poštovani,

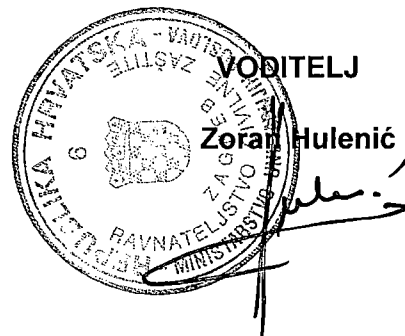
nakon uvida u dopis iz veze i zemljovid dostavljen u prilogu dopisa, obavještavamo Vas da Ministarstvo unutarnjih poslova, Ravnateljstvo civilne zaštite, Sektor za inspekcijske poslove, Inspekcija zaštite od požara, vatrogastva i civilne zaštite, u dijelu koji se odnosi na zaštitu od požara, nema posebnih uvjeta i ograničenja na granice predloženog istražnog prostora "Ferdinandovac-1".

S poštovanjem,

Dostaviti:

- naslovu s povratnicom
- u spis predmeta

REPUBLIKA HRVATSKA MZOIE		
Primjeno	3.2.2020.	
Klasifikacijska oznaka	Org. jed.	
310-01/20-03/03	06-3	
Urudžbeni broj	Pril.	Vrij.
511-20-12	0	0,00



Primljeno	20.1.2020.	
Klasifikacijska oznaka	Org. jed.	
310-01/20-03/03	06-3	
Uredžbeni broj	Pril.	Vrij.
517-06-2-2-20-6	0	0,00

**Kristina Džimbeg**

**Pošiljatelj:** Zoran Pačandi  
**Poslano:** Monday, January 20, 2020 3:50 PM  
**Primatelj:** Kristina Džimbeg  
**Kopija:** Domagoj Validžić; Kristina Čelić  
**Predmet:** Provođenje nadmetanja za odabir naj  
geotermalnih voda u istražnom prostoru „Ferdinandovac-1“ radi izdavanja dozvole  
za pridobivanje geotermalnih voda



Veza: Vaš dopis, KLASA: 310-01/20-03/03, URBROJ: 517-06-3-1-20-4 od 14. siječnja 2020.

Poštovana,

povodom zahtjeva za dostavom posebni uvjeti, ograničenja i suglasnosti, a vezano za predmetni zahtjev, očitujemo se kako slijedi.

Uvidom u Registar obnovljivih izvora energije i kogeneracije te povlaštenih proizvođača, koji vodi Uprava za energetiku ovoga Ministarstva, utvrđeno je da na predloženom istražnom prostoru „Ferdinandovac-1“ ne nalaze projekti i/ili postrojenja. Stoga smo mišljenja da nema ograničenja da se na predloženim prostorima „Ferdinandovac-1“ razvijaju eventualni projekti geotermalnih elektrana.

S poštovanjem,



REPUBLIKA HRVATSKA | REPUBLIC OF CROATIA  
**Ministarstvo zaštite okoliša i energetike**  
**Ministry of Environment and Energy**

Uprava za energetika | Directorate for Energy

**Zoran Pačandi**

Voditelj Službe za obnovljive izvore energije | Head of Service for Renewable Energy Sources

t: +385 1 3717155

e: [zoran.pacandi@mzoe.hr](mailto:zoran.pacandi@mzoe.hr)

Radnička cesta 80, 10000 Zagreb

[www.mzoe.gov.hr](http://www.mzoe.gov.hr)



Hrvatsko predsjedanje  
Croatian Presidency of the  
Vijećem Europske unije  
Council of the European Union

[www.eu2020.hr](http://www.eu2020.hr)



Razmislite o ispisu ove elektronske pošte. čuvajte prirodu.

IZJAVA O ODRICANJU OD ODGOVORNOSTI: Ova elektronička poruka može sadržavati osjetljive, povjerljive i/ili povlaštene informacije te je namijenjena isključivo naznačenom primatelju i/ili grupi primatelja. Ako ste je primili pogreškom, molimo Vas da o tome odmah obavijestite pošiljatelja te da izvornu poruku i sve njene priloge odmah, bez čitanja, trajno izbrišete. Neovlaštena uporaba, distribucija, otkrivanje, umnožavanje ili izmjena ove poruke je zabranjena. Sadržaj, stavovi i mišljenja izneseni u poruci su autorovi i ne predstavljaju nužno službeni stav Ministarstva zaštite okoliša i energetike. Budući da komunikacija putem interneta spada u otvoreni način razmjene informacija, Ministarstvo zaštite okoliša i energetike ne prihvaća nikakvu odgovornost za eventualnu štetu nastalu primitkom ove poruke i svih njezinih priloga.

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UPRAVA VODNOGA GOSPODARSTVA  
I ZAŠTITE MORA  
Ulica grada Vukovara 220 , 10 000 Zagreb

KLASA: 325-01/20-01/24  
URBROJ: 517-07-1-2-2-20-4  
Zagreb, 06. ožujka 2020. godine

REPUBLIKA HRVATSKA  
MZOE

Primljeno	12.3.2020.	
Klasifikacijska oznaka	Org. jed.	
310-01/20-03/03	06-3	
Urudžbeni broj	Pril.	Vrij.
517-07-20-18	0	0,00



**INTERNO**  
UPRAVA ZA ENERGETIKU  
Radnička cesta 80  
10000 Zagreb

**PREDMET: Provođenje javnog nadmetanja za odabir najpovoljnijeg ponuditelja za istraživanje geotermalnih voda u istražnom prostoru „Ferdinandovac - 1" radi izdavanja dozvole za pridobivanje geotermalnih voda**

- suglasnost, *daje se*
- uvjeti i ograničenja, *daju se*

Ovo Ministarstvo, Uprava vodnoga gospodarstva i zaštitu mora, zaprimilo je dana 17. siječnja 2020. godine zahtjev Uprave za energetiku, KLASA: 310-01/20-03/03, URBROJ: 517-06-3-1-20-4, od 14. siječnja 2020. godine, u kojem se traže posebni uvjeti, ograničenja i suglasnosti na granice istražnog prostora „Ferdinandovac-1" radi izdavanja dozvole za pridobivanje geotermalnih voda za energetske svrhe sukladno odredbi članka 58. stavka 3. Zakona o istraživanju i eksploataciji ugljikovodika (Narodne novine br. 52/18 i 52/19).

Temeljem dostavljene dokumentacije te očitovanja Hrvatskih voda od 02. ožujka 2020. godine, KLASA: 325-01/20-01/0000109, URBROJ: 374-26-1-20-2, utvrđeno je:

- da se istražni prostor nalazi van zona sanitarne zaštite izvorišta,
- da je granica istražnog prostora izvan kako uređenog tako i neuređenog inundacijskog područja rijeke Drave te
- da se na predloženom istražnom prostoru nalaze vodotoci Pačica i Orlov jarek kao i nekoliko vodotoka nižeg reda (neuređeno inundacijsko područje).

Stoga će biti potrebno bušotine izmjestiti minimalno 20 metara od vanjske nožice nasipa Novo Virje-Crnec, odnosno minimalno 6 metara od ruba korita vodotoka Pačica, Orlov jarek te ostalih vodotoka nižeg reda.

Nadalje, prije početka izvođenja radova za svaku je bušotinu u istražnom prostoru investitor dužan ishoditi vodopravne uvjete Hrvatskih voda, sukladno odredbama članka 158. Zakona o vodama (Narodne novine br. 66/19), u kojima će se detaljnije određivati tehnički uvjeti te provođenje mjera zaštite, a na projektno tehničku dokumentaciju, sukladno članku 163. Zakona o vodama, ishoditi vodopravnu potvrdu.

Slijedom navedenog, Uprava vodnoga gospodarstva i zaštite mora, daje suglasnost na granice predloženog istražnog prostora „ Ferdinandovac-1 " za istraživanje geotermalnih voda radi izdavanja dozvole za pridobivanje geotermalnih voda **uz poštivanje prethodno navedenih uvjeta i ograničenja.**

S poštovanjem,

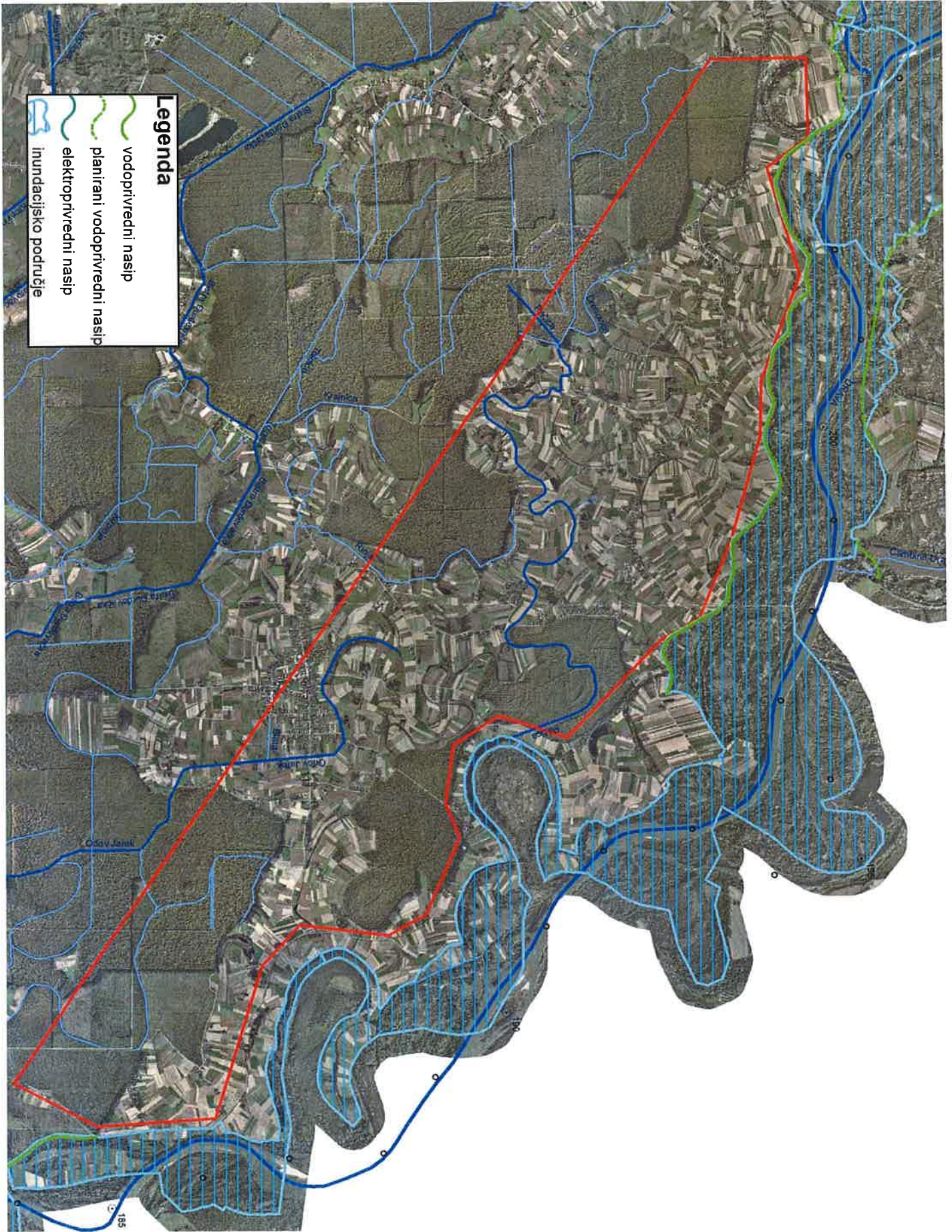
**POMOĆNICA MINISTRA**

  
**Elizabeta Kos, dipl. ing.**

Dostaviti:

1. Naslovu, dostavom
2. Pismohrana, ovdje





FERDINANDOVAC - 1

Primjeno	13.3.2020.	
Klasifikacijska oznaka	Org. jed.	
310-01/20-03/03	06-3	
Urudžbeni broj	Pril.	Vrij.
517-05-20-19	0	0,00

**MINISTARSTVO ZAŠTITE OKOLIŠA I ENER**  
**Uprava za zaštitu prirode**

**KLASA: 612-07/20-01/10**  
**URBROJ: 517-05-2-3-20-2**  
**Zagreb, 28. veljače 2020.**



**Uprava za energetiku**  
**-ovdje-**

**PREDMET: Provođenje nadmetanja za odabir najpovoljnijeg ponuditelja za istraživanje geotermalnih voda u istražnom prostoru „Ferdinandovac - 1“ radi izdavanja dozvole za pridobivanje geotermalnih voda - očitovanje, daje se**

**Veza: Vaš dopis, KLASA: 310-01/20-03/03, URBOJ: 517-06-3-1-20-4**

Ministarstvo zaštite okoliša i energetike, Uprava za zaštitu prirode zaprimila je sukladno članku 58. stavku 3. Zakona o istraživanju i eksploataciji ugljikovodika (Narodne novine, br. 52/18, 52/19) vaš zahtjev za izdavanje posebnih uvjeta, ograničenja i suglasnosti za istraživanje geotermalnih voda u istražnom prostoru „Ferdinandovac - 1“ radi izdavanja dozvole za pridobivanje geotermalnih voda.

Uvidom u dostavljenu dokumentaciju utvrđeno je da se unutar granice navedenog istražnog prostora nalazi područje zaštićeno temeljem Zakona o zaštiti prirode (Narodne novine, br. 80/13, 15/18, 14/19, 127/19), regionalni park „Mura-Drava“ te područja ekološke mreže, područje očuvanja značajno za vrste i stanišne tipove (POVS) HR 5000014 Gornji tok Drave i područje očuvanja značajno za ptice (POP) HR 1000014 Gornji tok Drave prema Uredbi o ekološkoj mreži (Narodne novine, br. 80/19). Temeljem odredbi Zakona o zaštiti prirode u ovoj fazi Uprava za zaštitu prirode nema posebnih uvjeta dok je u daljnjim fazama provedbe zahvata potrebno provesti ocjenu prihvatljivosti za ekološku mrežu odnosno ishoditi potrebno dopuštenje u smislu odredbi Zakona o zaštiti prirode.



**Dostaviti:**

1. Naslovu
2. U spis predmeta



Primljeno	21.5.2020.	
Klasifikacijska oznaka	Org. jed.	
310-01/20-03/03	06-3	
Uredžbeni broj	Pril.	Vrij.
517-03-20-20	0	0,00

**UPRAVA ZA PROCJENU UTJECAJA NA OKOLIŠ  
I ODRŽIVO GOSPODARENJE OTPADOM**

Zagreb, 21. svibnja 2020.



**UPRAVA ZA ENERGETIKU**

- ovdje -

**PREDMET:** Posebni uvjeti, ograničenja i suglasnosti u postupcima provođenja nadmetanja za odabir najpovoljnijeg ponuditelja za istraživanje geotermalnih voda u istražnim prostorima radi izdavanja dozvola za pridobivanje geotermalnih voda

- očitovanje, daje se

Uprava za procjenu utjecaja na okoliš i održivo gospodarenje otpadom Ministarstva zaprimila je od Uprave za energetiku Ministarstva zahtjeve za utvrđivanje posebnih uvjeta, ograničenja i suglasnosti u postupcima provođenja nadmetanja za odabir najpovoljnijeg ponuditelja za istraživanje geotermalnih voda u istražnim prostorima radi izdavanja dozvola za pridobivanje geotermalnih voda. Predmetni zahtjevi odnosili su se na sljedeće istražne prostore: Lunjkovec-Kutnjak, Legrad-1, Kotoriba, Ferdinandovac-1, Ernestinovo, Pčelić, Merhatovec, Virovitica, Babina Greda 1 i Babina Greda 2.

U vezi zaprimljenih zahtjeva, obavještavamo vas da ova Uprava ne sudjeluje u postupcima izdavanja posebnih uvjeta, ograničenja i suglasnosti **na granice predloženog istražnog prostora** za potrebe provođenja nadmetanja za odabir najpovoljnijeg ponuditelja za istraživanje geotermalnih voda radi izdavanja dozvole za pridobivanje geotermalnih voda, kako ste nas zatražili na temelju članka 58. stavka 3. Zakona o istraživanju i eksploataciji ugljikovodika („Narodne novine“, broj 52/18 i 52/19).

Nadalje, napominjemo da ova Uprava uobičajeno posebne uvjete zaštite okoliša propisuje u postupcima procjene utjecaja zahvata na okoliš i ocjene o potrebi procjene, sukladno odredbama Zakona o zaštiti okoliša („Narodne novine“, broj 80/13, 153/13, 78/15, 12/18 i 118/18, dalje u tekstu: Zakon) i Uredbe o procjeni utjecaja zahvata na okoliš („Narodne novine“, broj 61/14 i 3/17, dalje u tekstu: Uredba). U konkretnim slučajevima, sukladno točki 10.3. *Eksploatacija mineralnih i geotermalnih voda iz kojih se može koristiti akumulirana toplina u energetske svrhe* i točki 10.12. *Istražne i druge duboke bušotine izuzev bušotina koje služe za ispitivanje stabilnosti tla/geotehničke istražne bušotine* Priloga II. Uredbe, provodi se postupak ocjene o potrebi procjene i to **prije ishođenja lokacijske dozvole ili drugog akta za realizaciju zahvata sukladno posebnom propisu.**

Osim gore navedenog, obavještavamo vas da se postupci procjene utjecaja zahvata na okoliš i ocjene o potrebi procjene utjecaja zahvata na okoliš provode sukladno Zakonu i Uredbi, te da kad se radi o zahvatima iz nadležnosti Uprave za energetiku, **suglasnost na idejni projekt za sve naftno-rudarske projekte, koju se donosi temeljem članka 132. Zakona o istraživanju i eksploataciji ugljikovodika, nije uvjet za provedbu predmetnih postupaka.**

POMOĆNICA MINISTRA

Anamarija Matak



REPUBLIKA HRVATSKA



KOPRIVNIČKO - KRIŽEVAČKA ŽUPANIJA  
Upravni odjel za prostorno uređenje,  
gradnju, zaštitu okoliša i zaštitu prirode

KLASA: 351-02/20-01/5  
URBROJ: 2137/1-05/03-20-2  
Koprivnica, 12. veljače 2020.

REPUBLIKA HRVATSKA  
MZOE

Primljeno	14.2.2020.	
Klasifikacijska oznaka	Orig. led.	
310-01/20-03/03	06-3	
Urudžbeni broj	Pril.	Vrij.
2137-20-15	0	0,00



**MINISTARSTVO ZAŠTITE OKOLIŠA I**  
**ENERGETIKE**  
Radnička cesta 80, ZAGREB

**PREDMET:** Provođenje nadmetanja za odabir najpovoljnijeg ponuditelja za  
**istraživanje geotermalnih voda u istražnom prostoru**  
**„Ferdinandovac-1”** radi izdavanja dozvole za pridobivanje geotermalnih  
voda – **posebni uvjeti, ograničenja i suglasnosti, dostavljaju se**

Poštovani,

prema Vašem zahtjevu za dostavu posebnih uvjeta, ograničenja i suglasnosti za provođenje nadmetanja za odabir najpovoljnijeg ponuditelja za istraživanje geotermalnih voda u istražnom prostoru „Ferdinandovac-1”, KLASA:310-01/20-03/03, URBROJ:517-06-3-1-20-4 zaprimljenom 20. siječnja 2020. radi izdavanja dozvole za pridobivanje geotermalnih voda, dostavljamo slijedeće očitovanje.

Istražni prostor „Ferdinandovac-1” površine je 28,62 km<sup>2</sup> i smješten je u sjevero-istočnom dijelu Koprivničko-križevačke županije prateći dio toka rijeke Drave.

Za svaki zahvat izvođenja istražne bušotine potrebno je provesti OPUO postupak prema točki 10.12. Priloga II. Uredbe o procjeni utjecaja zahvata na okoliš („Narodne novine” br. 61/14 i 3/17).

Posebna ograničenja prilikom utvrđivanja pojedinačnih rezervi geotermalnih voda vezana su uz eventualno preklapanje istražnog prostora s POVS i/ili POP područjem ekološke mreže gdje je za iste istražne bušotine potrebno provesti Prethodnu ocjenu zahvata na ekološku mrežu sukladno Zakonu o zaštiti prirode („Narodne novine” br. 80/13, 15/18, 14/19 i 127/19). Ukoliko se već provodi OPUO postupak, Prethodna ocjena se provodi objedinjeno. Prema istom Zakonu o zaštiti prirode, ukoliko se zahvat izvođenja istražne bušotine nalazi unutar zaštićenog područja prirode, potrebno je i ishodnje posebnih uvjeta zaštite prirode od nadležnog županijskog tijela za zaštitu okoliša i prirode. U pravitku dostavljamo kartograme odnosa istražnog prostora „Ferdinandovac-1” u odnosu na područje ekološke mreže i zaštićenog područja Regionalnog parka Mura-Drava te je vidljivo da istražni prostor dodiruje vanjsku granicu oba područja te, izgledno, ne ulazi u zaštićeni prostor.

Zahvate istraživanja potrebno je iz preventivnih razloga provoditi s posebnim ograničenjima u blizini zone odlagališta otpada kako bi se otklonili rizici poremećaja stabilnosti tijela odlagališta te mogućeg narušavanja cjelovitosti donjih brtvenih slojeva koji su u funkciji zaštite podzemnih voda i sprječavanja širenja onečišćenja.

Osobito treba voditi računa o tome da se istražni prostor „Ferdinandovac-1” nalazi i na području vodonosnika pitke vode te istraživanja unutar predviđenih granica ne smiju uzrokovati ekološke niti ekonomske štete na prostoru planiranog istražnog prostora.

Pri odabiru potencijalnih lokacija izvođenja istražnih bušotina i određivanju granica polja prije svega je potrebno, osim mjera zaštite okoliša i prirode uvrštenih u strateške planske dokumente više razine, provjeriti uvjete korištenja i zaštite prostora, namjenu površina i ostala ograničenja prostorno-planske dokumentacije županijskog Prostornog plana Koprivničko-križevačke županije (<http://www.prostorno-kkz.hr/prostorni-planovi/prostorni-plan-koprivnicko-krizevacke-zupanije>), kao i prostornih planova niže razine, jedinica lokalne samouprave na predloženom istražnom prostoru kako bi se isključila područja rezervirana za infrastrukturne i druge namjene i uvjete korištenja.

S poštovanjem,

Viša stručna savjetnica – specijalistica  
zaštite okoliša i prirode:  
Kranjčević / prof., univ. spec. oecooing.



Prilog:

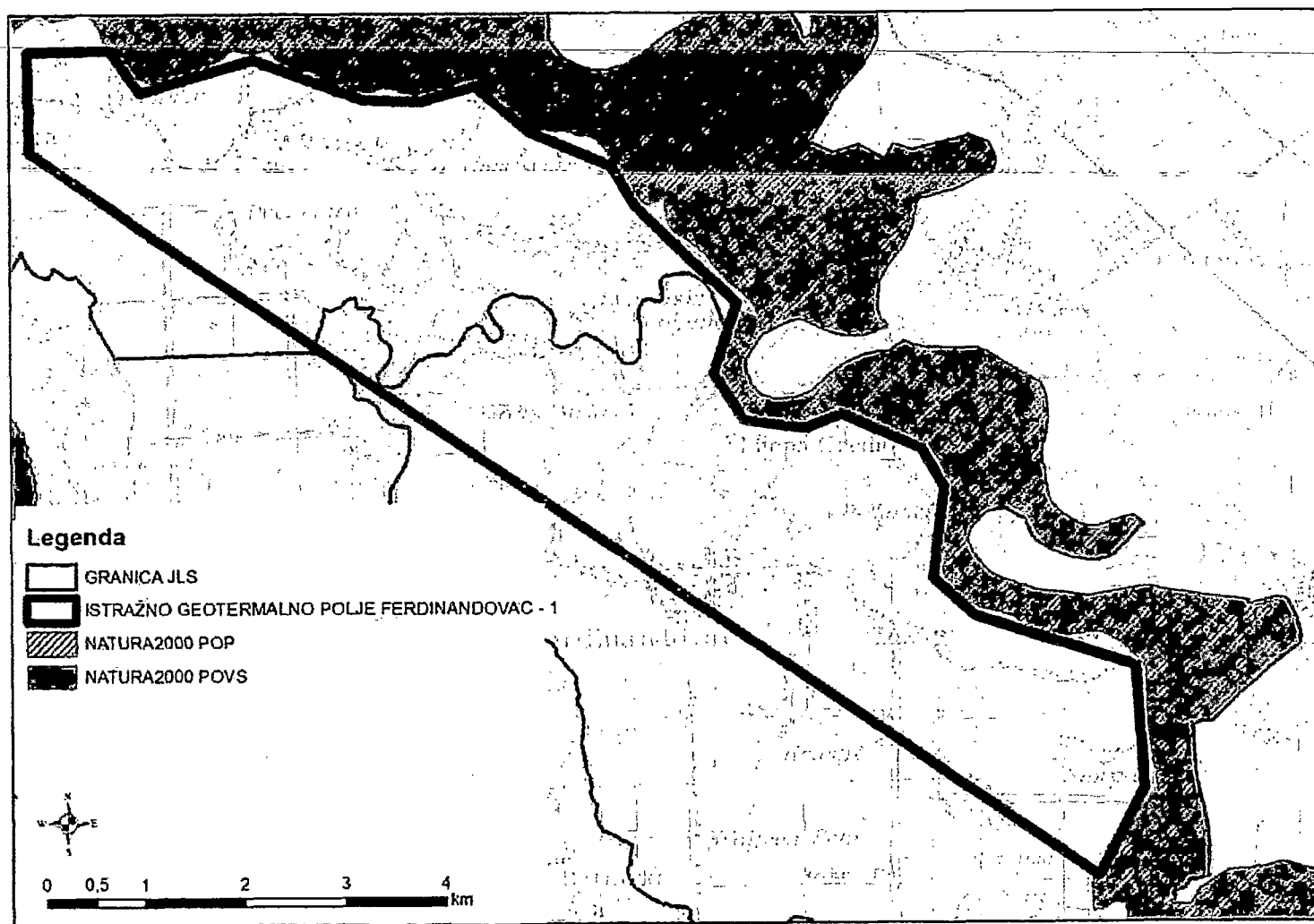
*Kartogram odnosa istražnog prostora Ferdinandovac-1 u odnosu na ekološku mrežu  
Kartogram odnosa istražnog prostora Ferdinandovac-1 u odnosu na zaštićena područja prirode KKŽ  
(Izrada: Zavod za prostorno uređenje Koprivničko-križevačke županije, veljača 2020.)*

*Kartogram šireg županijskog područja - ekološka mreža  
Kartogram šireg županijskog područja - zaštićena područja prirode  
(Izvor: Izvješće o stanju okoliša Koprivničko-križevačke županije, ANT d.o.o. 2019.)*

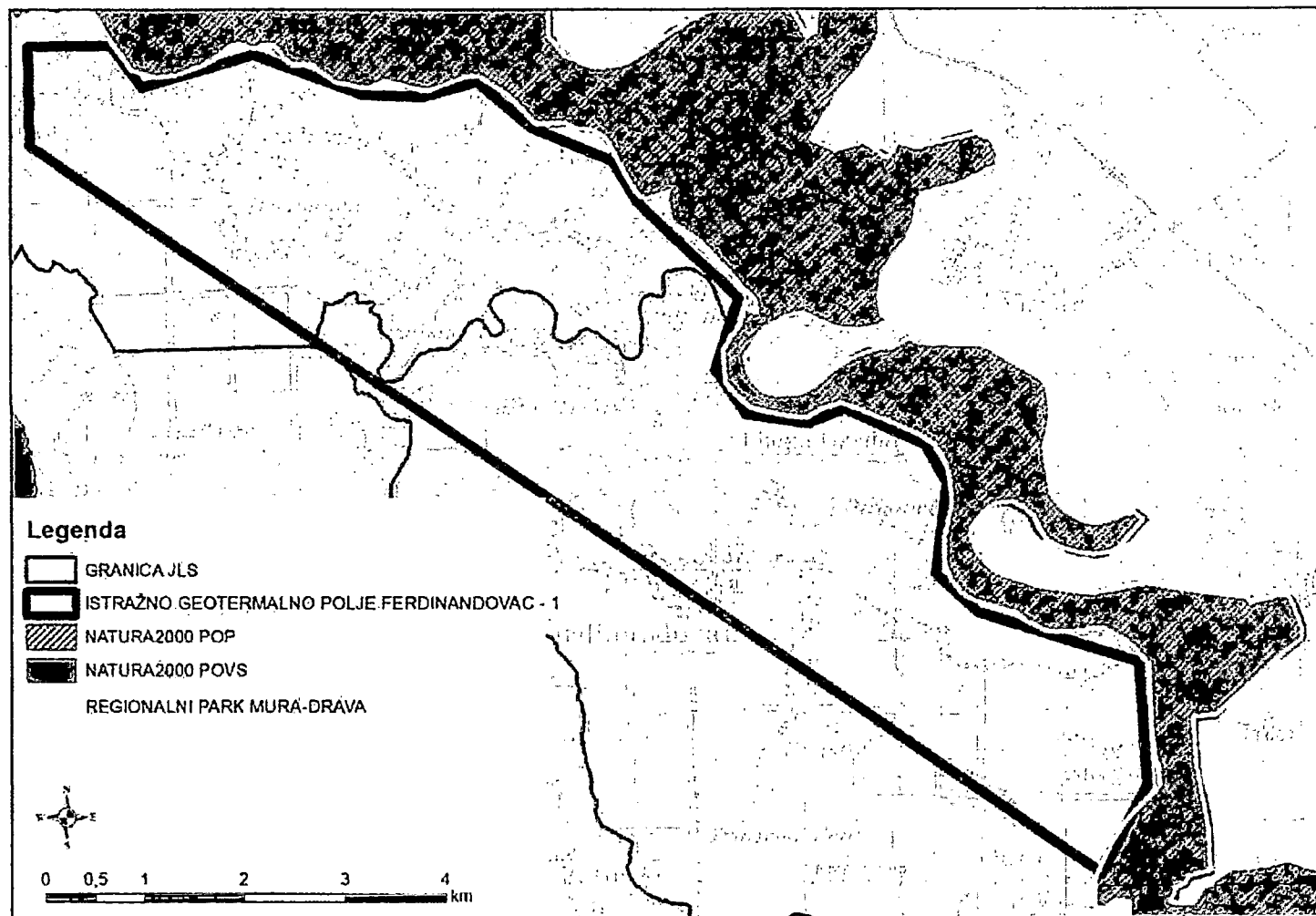
Dostaviti:

1. Naslovu (e-dostavom na: [milica.rudarsky@moz.hr](mailto:milica.rudarsky@moz.hr))
2. Pismohrana.-

Kartogrami položaja istražnog prostora geotermalnih voda Ferdinandovac -1 u odnosu na područje ekološke mreže (1) i zaštićenih dijelova prirode (2), Koprivničko-križevačka županija – Posebni uvjeti, ograničenja i suglasnosti pri nadmetanju za odabir najpovoljnijeg ponuditelja za istraživanje geotermalnih voda, Upravni odjel za prostorno uređenje, gradnju, zaštitu okoliša i zaštitu prirode, veljača 2020.



Kartogrami položaja istražnog prostora geotermalnih voda Ferdinandovac -1 u odnosu na područje ekološke mreže (1) i zaštićenih dijelova prirode (2), Koprivničko-križevačka županija – Posebni uvjeti, ograničenja i suglasnosti pri nadmetanju za odabir najpovoljnijeg ponuditelja za istraživanje geotermalnih voda, Upravni odjel za prostorno uređenje, gradnju, zaštitu okoliša i zaštitu prirode, veljača 2020.



## Legenda

■ Ekološka mreža - Područja očuvanja značajna za vrste i stanišne tipove (POVS)

□ Ekološka mreža - Područja očuvanja značajna za ptice (POP)

— Granice jedinica lokalne saouprave

☆ Aktivno odlagalište

☆ Zatvoreno nesanirano odlagalište

☆ Zatvoreno sanirano odlagalište

○ Ispust industrijskih voda (prema ROO)

○ Ispust u zrak (prema ROO)

● Ispust pročišćenih komunalnih voda (prema ROO)

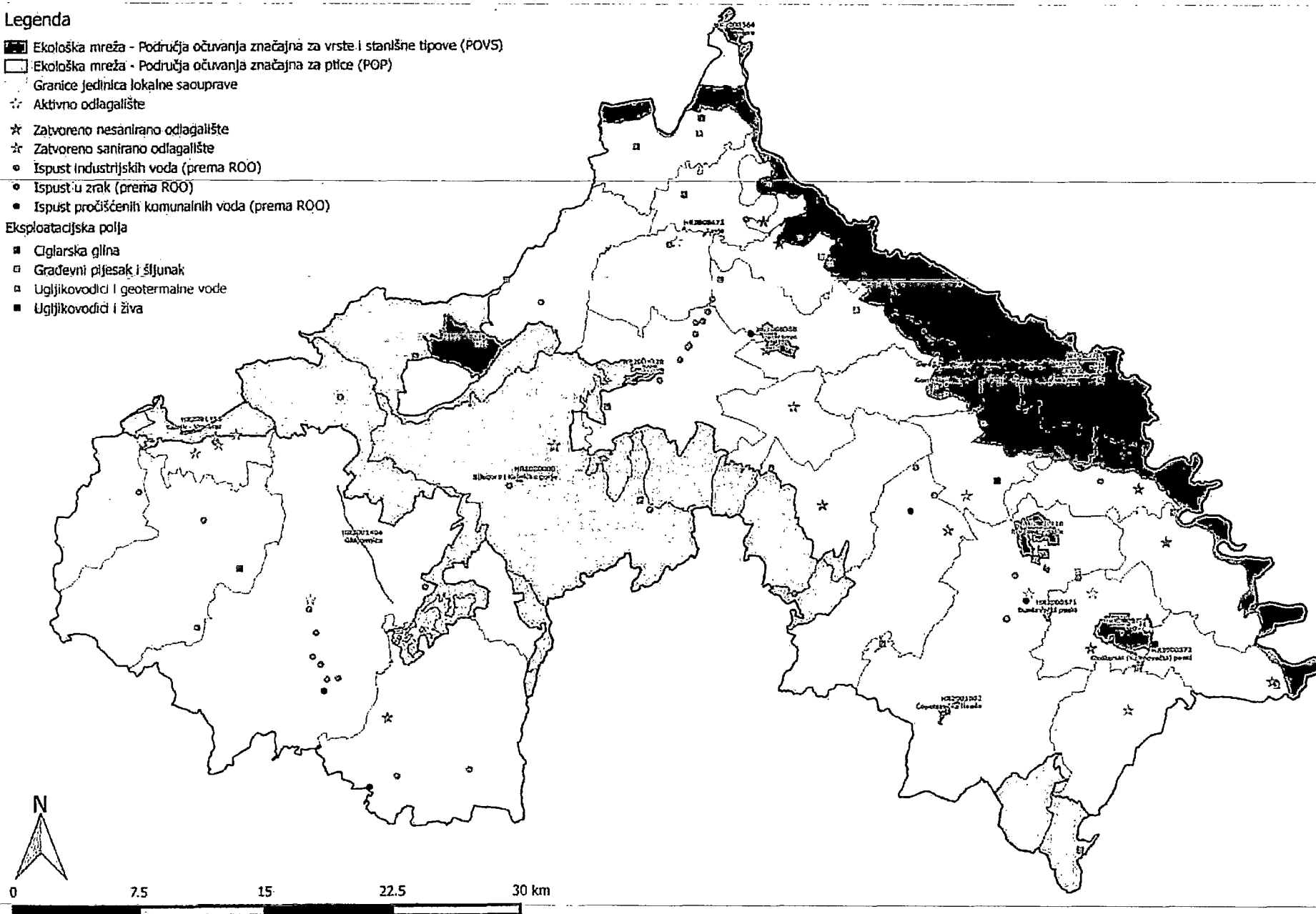
Eksploatacijska polja

■ Ciglarska glina

□ Građevni pijesak i šljunak

□ Ugljikovodici i geotermalne vode

■ Ugljikovodici i živa

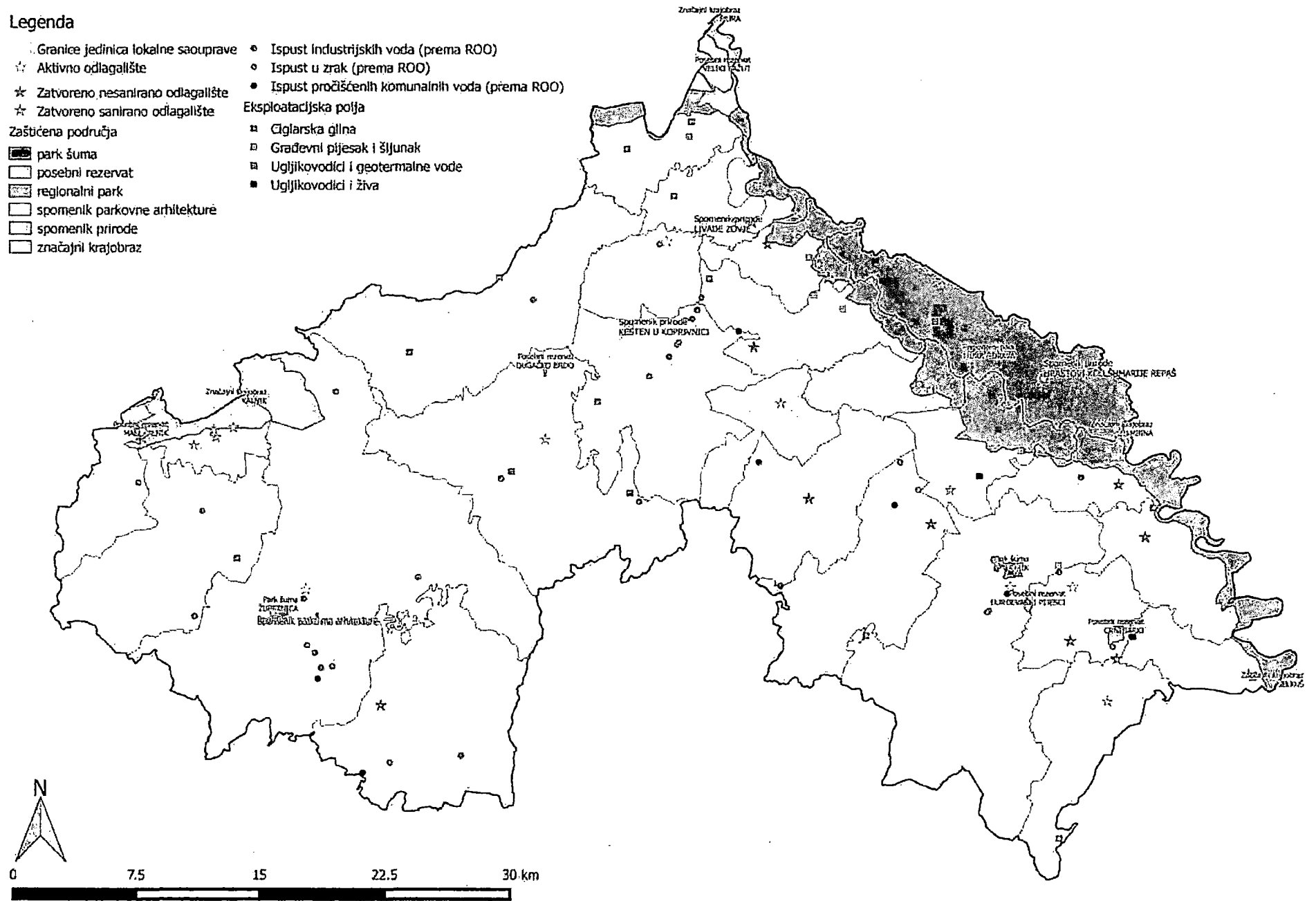


Izvor: Izopisje o stanju sredina u RRB, 2019. HRT d.o.o.



## Legenda

- Granice jedinica lokalne saouprave
- ☆ Aktivno odlagalište
- ★ Zatvoreno, nesaniirano odlagalište
- ☆ Zatvoreno saniirano odlagalište
- Zaštićena područja
  - ▨ park šuma
  - posebni rezervat
  - ▨ regionalni park
  - spomenik parkovne arhitekture
  - spomenik prirode
  - značajni krajobraz
- Eksplatacijska polja
  - ▨ Ciglarska gлина
  - ▨ Građevni pijesak i šljunak
  - ▨ Ugljikovodici i geotermalne vode
  - ▨ Ugljikovodici i živa
- Ispust industrijskih voda (prema ROO)
- Ispust u zrak (prema ROO)
- Ispust pročišćenih komunalnih voda (prema ROO)





REPUBLIKA HRVATSKA  
KOPRIVNIČKO-KRIŽEVAČKA ŽUPANIJA



OPĆINA FERDINANDOVAC  
JEDINSTVENI UPRAVNI ODJEL

KLASA: 310-01/20-01/01  
URBROJ: 2137/15-03-20-2  
Ferdinandovac, 28. siječnja 2020.

REPUBLIKA HRVATSKA  
MZOIE

Primljeno	30.1.2020.	
Klasifikacijska oznaka	Org. jed.	
310-01/20-03/03	06-3	
Uredžbeni broj	Pril.	Vrij.
2134-20-10	0	0,00



## MINISTARSTVO ZAŠTITE OKOLIŠA I ENERGETIKE

Radnička cesta 80  
10000 Zagreb

**PREDMET:** Suglasnost i posebni uvjeti za zahvat u prostoru -  
za istraživanje geotermalnih voda u istražnom prostoru "Ferdinandovac-1"  
- daje se .

**Veza: vaš dopis KLASA: 310-01/20-03/03, URBROJ: 517-06-3-1-20-4, od 14. siječnja 2020.**

Poštovani,

PROSTORNIM PLANOM UREĐENJA OPĆINE FERDINANDOVAC („Službeni glasnik Koprivničko-križevačke županije" broj 6/07., 9/14., 16/16. i 24/16. - pročišćeni tekst, u Odredbama za provođenje navode se: uvjeti za uređenje prostora, izgradnja infrastrukture van naselja te rudarski objekti i postrojenja za istraživanje i eksploataciju mineralnih sirovina.

Člankom 58. stavak 8. 9. i 10. određeno je da se na području Općine Ferdinandovac nalazi istražni prostor geotermalne vode „Ferdinandovac-1“, ucrtan na kartografskim prikazima broj 2.2. „Infrastrukturni sustavi – Energetski sustavi“ i broj 3. „Uvjeti za korištenje, uređenje i zaštitu prostora“ u mjerilu 1:25.000 te na kartografskim prikazima građevinskih područja naselja broj 4. „Građevinska područja naselja“ u mjerilu 1:5.000. Ukupna površina istražnog prostora geotermalne vode „Ferdinandovac-1“ iznosi 2861,721 ha, dok na području Općine isti zauzima površinu od 1608,09 ha. U istražnom prostoru geotermalne vode „Ferdinandovac-1“ dozvoljeno je istraživanje geotermalne vode, utvrđivanje eksploatacijskog polja geotermalne vode te eksploatacija geotermalne vode sukladno zakonskoj regulativi o rudarstvu, posebnim propisima o rudarstvu i drugim posebnim propisima te ishodenim rješenjima nadležnog ministarstva.

Temeljem vašeg zahtijeva broj gornji izdaje se **Suglasnost** za istraživanje geotermalnih voda u istražnom prostoru "Ferdinandovac-1" radi izdavanja dozvole za pridobivanje geotermalnih voda, a sukladno zemljovidu predloženog istražnog prostora "Ferdinandovac-1" prema oznakama točki 1. do 23. te pripadajućim koordinatama točaka, i to na teritoriju istražnog prostora Općine Ferdinandovac gdje pripadaju oznake točki od 11. do 23. na površini od 16,08 km<sup>2</sup>.

**Posebni uvjeti** regulirani su u odredbama PPUO Ferdinandovac članak 59. do 62. i glase:

Mikrolokacija istražne bušotine i bušotine za eksploataciju geotermalne vode na terenu određuje se u skladu s važećim propisima. Udaljenost osi bušotine od zaštitnog pojasa kanala, dalekovoda opće namjene, javnih građevina i stambenih zgrada, mora iznositi najmanje onoliko koliko iznosi visina tornja uvećana za 10%, a najmanje 90 metara.

Bušotine se obvezno ograđuju nakon izvršenog ispitivanja i osvajanja i to u sljedećim slučajevima:

- kad se nalaze u naseljenim mjestima i unutar granica građevinskog područja,
- utisne bušotine,
- bušotine samice do formiranja radilišta.

Rudarski objekti za eksploataciju mineralnih sirovina ne smiju biti udaljeni manje od:

- 100 m od ruba javnih građevina i stambenih zgrada,
- 50 m od ruba pojasa javnih prometnica i zaštitnog pojasa dalekovoda i telefonskih instalacija.

Nakon završene eksploatacije mineralnih sirovina ili trajnog obustavljanja radova rudarska tvrtka je dužna izvršiti sanacijske radove i privesti zemljište prvobitnoj namjeni. Izuzetno, zemljište se može privesti i drugoj namjeni koja nije u suprotnosti s dokumentima prostornog uređenja.

Unutar istražnog prostora geotermalne vode „Ferdinandovac-1“, po završetku izvođenja istražnih radova, ukoliko se istraživanjem potvrde rezerve geotermalne vode zadovoljavajuće količine i kakvoće, utvrdit će se eksploatacijsko polje geotermalne vode, sukladno zakonskoj regulativi i ostalim propisima o rudarstvu i drugim posebnim propisima te rješenjima nadležnih tijela.



PROČELNICA:

Helena Smrček, mag. iur.

## APPENDIX II – FORM OF BANK GUARANTEE FOR THE BID GUARANTEE

[ Bank, address ]

Ministarstvo gospodarstva i održivog  
razvoja

Radnička cesta 80

10000 Zagreb

Zagreb, dd. mm., 2022

[Bank, address, OIB] (hereinafter: Bank) is issued on behalf and for the account of [Bidder, address, OIB] (hereinafter: Principal) and in favour of the Ministry of Economy and Sustainable Development, Zagreb, Radnička cesta 80, OIB: 19370100881 (hereinafter: Beneficiary of the Guarantee) the following

### **G U A R A N T E E. No. [·]**

#### **Bid Guarantee**

1. The Bank is aware that the Principal is submitting a bid in the Bidding Round Procedure for the selection of the most favorable bidder for exploration of geothermal waters in the exploration block Ferdinandovac-1 in order to issue an exploration license for geothermal waters for energy purposes in accordance with the Bidding Round Documentation, CLASS: 310-34/20-01/01, RE: 405-01/01-22-3, dated 28<sup>th</sup> December 2022, published by the Croatian Hydrocarbon Agency.
2. With this Guarantee, the Bank undertakes towards the Beneficiary of the guarantee to irrevocably, unconditionally and upon first call pay the amount of EUR 100,000.00 (in letters: one hundred thousand Euro) in case if the Principal withdraws from the binding bid within the validity period, if it submits false information or evidence in the bid, if not submit an amendment or clarification of the bid within the deadline, if it does not submit a guarantee for the fulfilment of the obligations within the exploration period or a guarantee for the decommissioning of the exploration block within the period prescribed in the issued exploration license.

3. In addition to the terms and conditions of this Guarantee, the Bank shall pay the Guaranteed Amount, in whole or in part, on the basis of a written request for payment from the Beneficiary of the Guarantee expressly stating that the Principal's obligation under Item [ · ] of the Decision has not been performed, in whole or in part, within the deadline, while the amount requested for payment has not otherwise been paid, directly or indirectly, by or on behalf of the Principal.

The request of the Beneficiary of the payment guarantee shall be signed by the person authorized to represent the Beneficiary of the Guarantee.

4. This Guarantee shall become effective on the date of issuance and shall remain in effect until dd.mm.yyyy or until the original is returned to the Bank, whichever is earlier, and any request for payment under this Guarantee must be received by the Bank within such period in accordance with paragraphs 2 and 3 of this Guarantee. The request for payment shall be sent to [ · ] within the aforesaid period. Payment in accordance with the relevant payment request shall be made within 8 (eight) working days after receipt of the request.

After the expiration of the period until which this Guarantee is valid, the Bank's obligation under this Guarantee shall cease and it shall not be refunded.

This Guarantee shall be issued in 3 (three) copies, of which 1 (one) is the original and 2 (two) are copies.

[ Bank ]

## **APPENDIX III – FORM OF BANK GUARANTEE FOR FULFILLMENT OF OBLIGATIONS DURING THE EXPLORATION PERIOD**

[ Bank, address ]

Ministarstvo gospodarstva i održivog razvoja  
Radnička cesta 80  
10000 Zagreb

Zagreb, dd.mm.2022

[Bank, address, OIB] (hereinafter: Bank) is issued on behalf and for the account of [Bidder, address, OIB] (hereinafter: Principal) and in favour of the Ministry of Economy and Sustainable Development, Zagreb, Radnička cesta 80, OIB: 19370100881 (hereinafter: Beneficiary of the Guarantee) the following

### **G U A R A N T E E No. [·]**

#### **for fulfillment of obligations during the exploration period**

1. It is stated that the Principal has granted the Decision on the issuance of an exploration license for geothermal waters in the Ferdinandovac-1 exploration block (CLASS: , RE: ) dated dd.mm.2022 (hereinafter: Decision). Pursuant to the aforementioned Decision, the Principal is obliged to provide the Beneficiary a Guarantee for the fulfillment of the obligations during the exploration period in the amount of 10% of the value of the planned exploration activities, which are prescribed in the item [ · ] of the Decision.
2. With this Guarantee, the Bank undertakes to the Beneficiary of the Guarantee to pay irrevocably, unconditionally and on first demand any amount, but up to the amount of EUR XXX (in letters: XXX Euro), if the Principal does not perform the exploration activities referred to the item [ · ] of the Decision on the terms and in the manner in which it has undertaken these obligations.
3. In addition to the terms and conditions of this Guarantee, the Bank will pay the guaranteed amount in whole or in part, on the basis of a written request for payment from the Beneficiary of the Guarantee, expressly stating that the obligation of the Principal from item [ · ] of the Decision has not been performed in whole or in part

within the deadline, while the amount requested for payment has not otherwise been paid, directly or indirectly, by the Principal or on his behalf.

The request of the Beneficiary of the payment guarantee must be signed by the person authorized to represent the Beneficiary of the Guarantee.

4. This Guarantee shall become effective on the date of issuance and shall remain in effect until dd. mm. yyyy, and any request for payment under this Guarantee must be received by the Bank within this period in accordance with item 3 of this Guarantee. The request for payment shall be sent to [ · ] within the above period. Payment in accordance with the relevant payment request shall be made within 8 (eight) working days after receipt of the request.
  
5. This Guarantee ensures the proper performance of the obligations of the Principal as of item [ · ] of the Decisions starting from dd.mm.yyyy..

After the expiration of the period until which this Guarantee is valid, the Bank's obligation under this Guarantee shall cease and it shall not be refunded.

This Guarantee shall be issued in 3 (three) copies, of which 1 (one) is the original and 2 (two) are copies.

[ Bank ]

## APPENDIX IV – FORM OF BANK GUARANTEE FOR THE DECOMMISSION OF THE EXPLORATION BLOCK

[ Bank, address ]

Ministarstvo gospodarstva i održivog  
razvoja  
Radnička cesta 80  
10000 Zagreb

Zagreb, xx.xx.2022

[Bank, address, OIB] (hereinafter: Bank) is issued on behalf and for the account of [Bidder, address, OIB] (hereinafter: Principal) and in favour of the Ministry of Economy and Sustainable Development, Zagreb, Radnička cesta 80, OIB: 19370100881 (hereinafter: Beneficiary of the Guarantee) the following

### **G U A R A N T E E** No. [-]

#### **for the decommission of the exploration block**

1. It is stated that the Principal has granted the Decision on the issuance of an exploration license for geothermal waters in the Ferdinandovac-1 exploration block (CLASS: , RE: ) dated dd.mm.2022 (hereinafter: Decision). Pursuant to the aforementioned Decision, the Principal is obliged to provide the Beneficiary of the guarantee with a guarantee to ensure the fulfillment of the obligation to decommission the Ferdinandovac-1 exploration block after the completion of the exploration activities.
2. By this Guarantee, the Bank undertakes to the Beneficiary of the Guarantee to pay irrevocably, unconditionally and on first demand any amount, but not exceeding an amount of EUR xxx [ · ] (in letters: xxx Euro), if the Principal does not fulfill its obligations arising from the decommissioning prescribed in the item [ · ] of the Decision, in the terms and the manner in which these decommissioning obligations have been undertaken.
3. In addition to the terms and conditions of this Guarantee, the Bank will pay the guaranteed amount in whole or in part on the basis of a written request for payment from the Beneficiary of the Guarantee, expressly stating that the obligation of the Principal from item [ · ] of the Decision has not been performed in whole or in part



within the deadline, while the amount requested for payment has not otherwise been paid, directly or indirectly, by the Principal or on his behalf.

The request of the Beneficiary of the payment guarantee must be signed by the person authorized to represent the Beneficiary of the Guarantee.

4. This Guarantee shall become effective on the date of issuance and shall remain in effect until dd. mm. yyyy, and any request for payment under this Guarantee must be received by the Bank within this period in accordance with item 3 of this Guarantee. The request for payment shall be sent to [ · ] within the above period. Payment in accordance with the relevant payment request shall be made within 8 (eight) working days after receipt of the request.
  
5. This Guarantee ensures the orderly fulfillment of the Principal's obligations from item [ · ] of the Decisions starting from xx.xx.xxxx.

After the expiration of the period until which this Guarantee is valid, the Bank's obligation under this Guarantee shall cease and it shall not be refunded.

This Guarantee shall be issued in 3 (three) copies, of which 1 (one) is the original and 2 (two) are copies.

[ Bank ]

**APPENDIX V - PRIVACY FOR DATA COLLECTION**

Consent to collect data

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(Name and surname)

By signing this consent, in accordance with the provisions of the Law on Implementation of the General Data Protection Regulation (Official Gazette, No. 42/18), I give my consent to the Croatian Hydrocarbon Agency for collecting and processing my personal data - first and last name, OIB, documents provided for proving absence of obstacles referred to in Article 17 of the Act on Hydrocarbon Exploration and Exploitation, documents proving the fulfillment of the legal and business, financial, technical and professional capacity of the bidder, documents proving employment in the activities related to the exploration and exploitation of geothermal waters or meeting the requirements for the duties of the responsible manager of the execution of petroleum operations for the purpose of reviewing and evaluating the bid in the bidding process in order to select the most suitable bidder for exploration of geothermal waters in the Ferdinandovac-1 exploration block for the purpose of issuing a exploitation license for the geothermal waters. Except for the purpose for which the consent was given, the collected personal information will not be used for any other purpose.

I acknowledge that I am aware that I have the right to withdraw given consent and to request the termination of further processing of personal data. Correction of data or notice of withdrawal of a given consent for processing personal data shall be submitted in writing by e-mail to: [geoterme@azu.hr](mailto:geoterme@azu.hr).

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(signature)

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(date)