



Construction of municipal wastewater collection and
treatment system in Čačak

EC-ENEST/BEG/2025/EA-OP/0094



12.01.2026

Site Visit and Clarification Meeting

Construction of municipal wastewater collection and treatment system in Čačak

Tender Ref. No. EC-ENEST/BEG/2025/EA-OP/0094

Site Visit and Clarification Meeting

Čačak, City Hall, 2 Župana
Stracimira St.
12 January 2026

AGENDA

11:00 – 11:15	Registration
11:15 - 11:20	Opening of the meeting and welcome words
11:20 - 12:00	Presentation of the Project Procedural details – CFCU Technical parts – Technical Assistance
12:30-13:30	Site visit and signing the certificate of attendance

THE WORKS

- 1. Part 1: Design and construction of WWTP Prelići with construction of the access road to the WWTP**
- 2. Part 2: Rehabilitation of sewage pumping stations PS Ljubić Polje, PS Beljina and PS Košutnjak with construction of the access road to the pumping station PS Ljubić Polje**
- 3. Part 3: Cleaning, CCTV inspection, design and rehabilitation of sewers**
- 4. Part 4: Supply of sewer cleaning and investigation equipment**

Part 1: Design and construction of WWTP Prelići with construction of the access road to the WWTP

Location of the WWTP

1. 1 km east of the town
2. Bordered by three water courses:

- Atenica River in the West
- Zapadna Morava River in the North
- Trnava River in the East

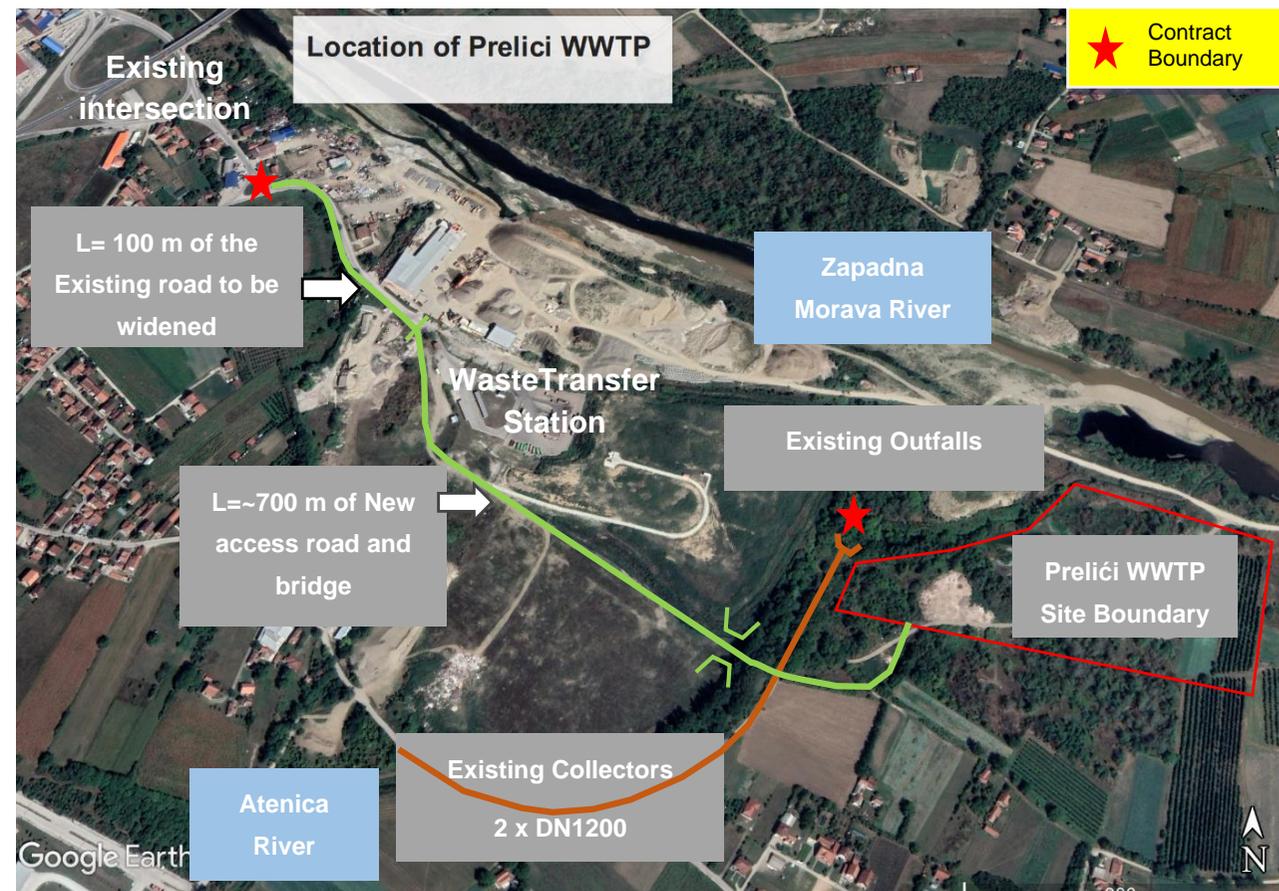
3. Cadastral plots 138, 139, 140/1, 140/2, 140/3, 141, 142/1, 142/2, 142/3,



Part 1: Design and construction of WWTP Prelići with construction of the access road to the WWTP

Contract Interfaces

1. Access road – app. 200 m to the Southeast of interchange with southern by-pass around Čačak;
2. New Transformer Station 10/0.4 kV (10 kV cable connection to be installed by Elektromreže Čačak, responsibility of the end Beneficiary);
3. Drinking water supply-connection manhole within the area of the Transfer Station (as indicated in Volume 5).
4. SCADA – WAN of PUC via internet;
5. Telephone and Internet connection;
6. Diversion chamber to divert wastewater from the existing



Collection Manhole, CSO and Diversion Manhole

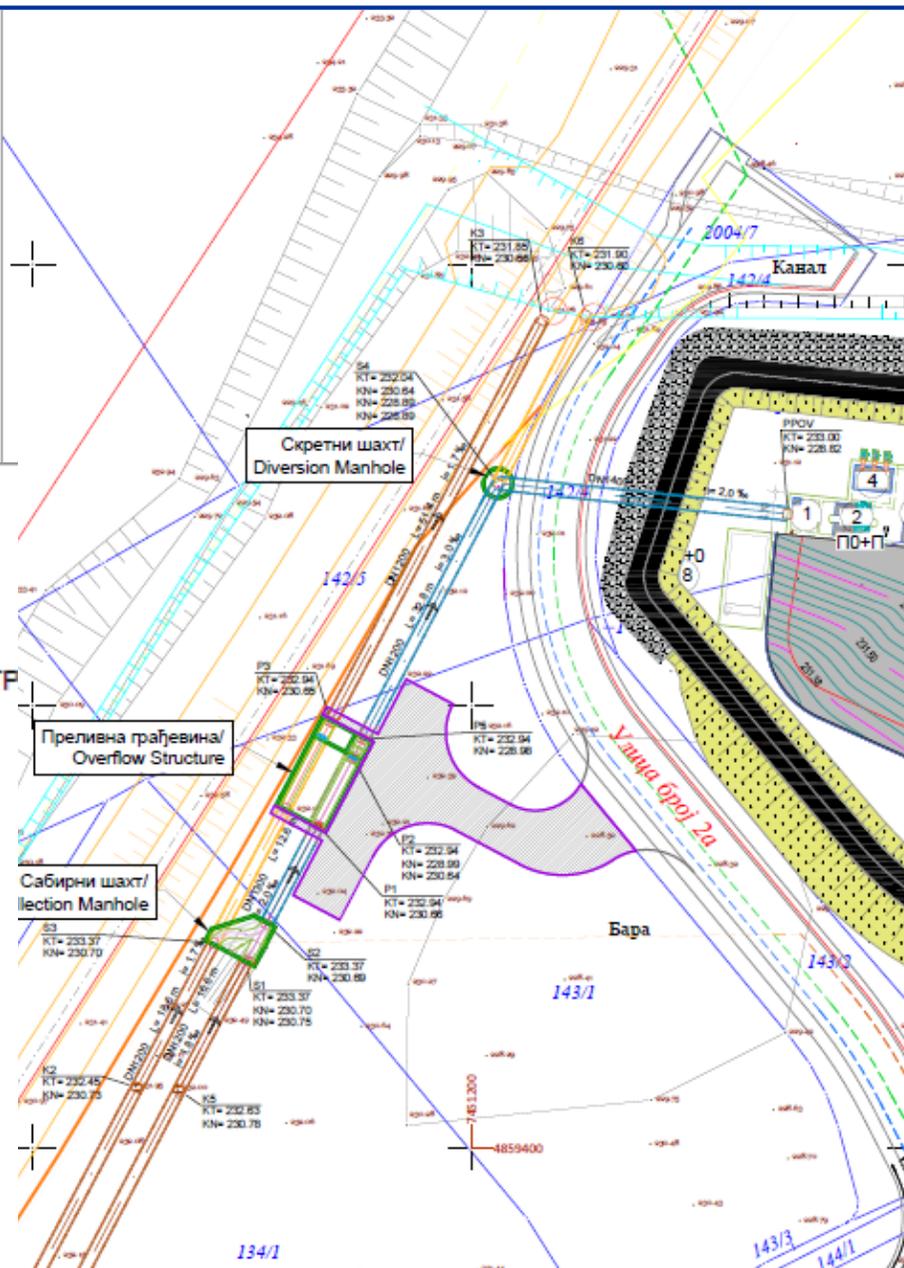
ЛЕГЕНДА/LEGEND

-  нова канализација- довод на ППОВ/ new sewer pipeline-connection to WwTP
-  постојећа канализација/ existing sewer
-  постојећа канализација која се напушта/existing sewer to be abandoned

 Приступни плато/ access plateau

Планиране инсталације према ПГР Атеница-Кулиновци/ Planned Installations according to PGR Atenica-Kulinovci

-  планирани ел.ен. подземни водови/ planned electrical underground lines
-  планирана водоводна мрежа/ planned water supply lines
-  планирана фекална канализација/ planned foul sewer
-  планирана атмосферска канализација/ planned storm sewer



Basic Design Criteria for the WWTP

Description	Phase I	Phase II
Average daily dry weather flow Q_{DWF} , m ³ /d	22378	26784
Average daily dry weather flow Q_{DWF} , l/s	259	310
Maximum dry weather flow, Q_{MDWF} , l/s	431	566
Peak flow Q_{WWF1} , l/s	828	1013
Storm flow Q_{WWF2} , l/s	1428	1613
WWTP Loads		
Population equivalent	96,000	128,000
Required Effluent Quality		
TSS, mg/l	35	35
BOD5, mg/l	25	25
COD, mg/l	125	125
TN, mg/l	15	10
TP, mg/l	2	1
Effluent disinfection	Y	Y

Part 1: Scope of Works

1

Design

- Conceptual design of the WWTP (Phase I and Phase II) and Access Road for obtaining Location Conditions
- Preliminary design of the WWTP to be constructed under this Contract (Phase I)
- EIA update
- Design for Construction Permit
- Design for Construction
- As built design

2

Construction

- WWTP (construction, testing and commissioning, trial operation)
- Access road
- Flood protection – construction of the embankment along the Atenica river (Q1%) and effluent discharge

3

Tests on Completion and Taking Over

- Pre-commissioning tests
- Commissioning tests
- Trial operation

4

Assisted Operation and Training during DNP (90 days)

- Tests after completion
- Performance Guarantee Tests
- DNP 365 days

Location of the WWTP and Access Road



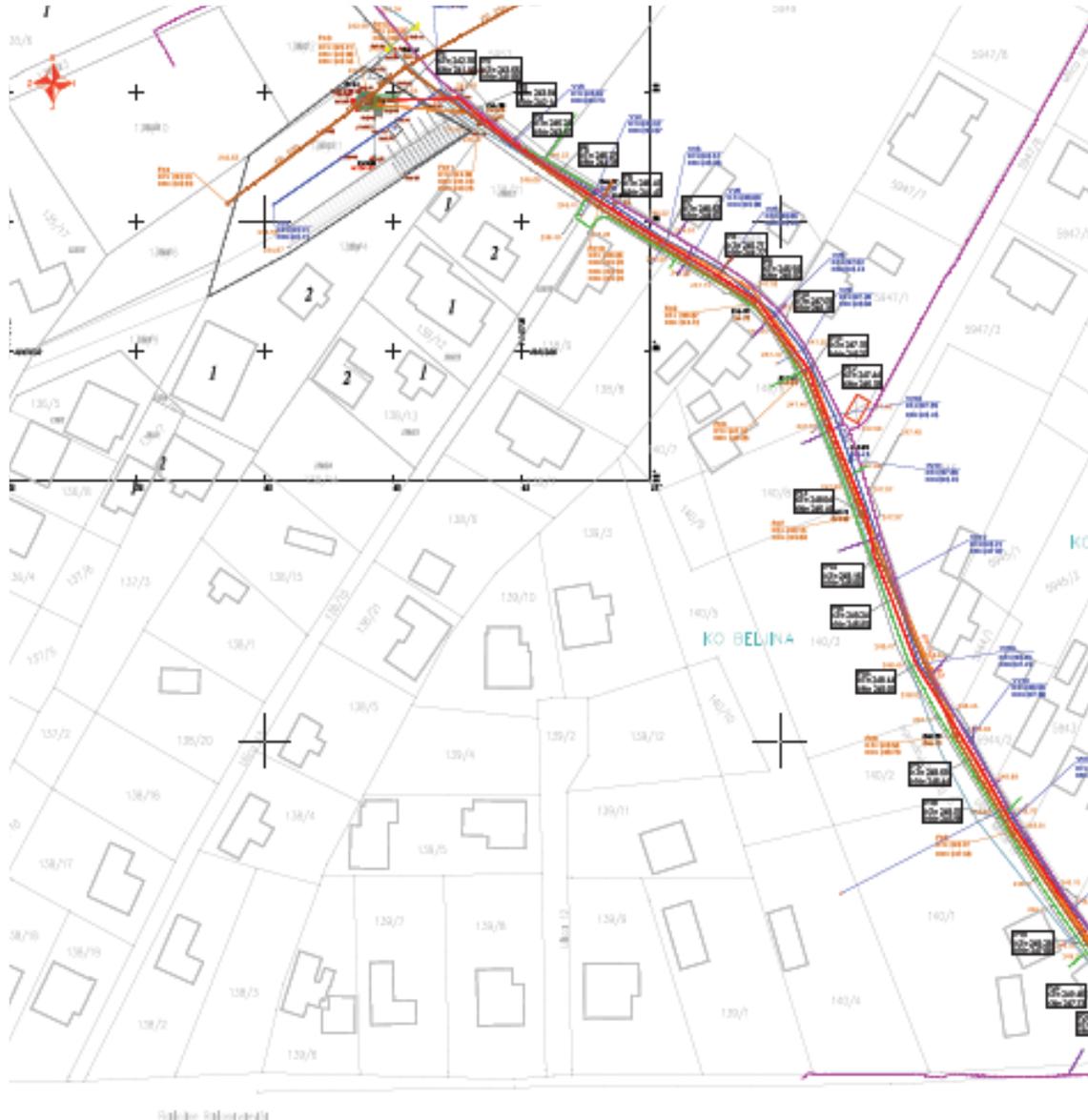
Part 2: Rehabilitation of sewage pumping stations PS Ljubić Polje, PS Beljina and PS Košutnjak with construction of the access road to the pumping station PS Ljubić Polje



Contract Interfaces

1. Municipal roads;
2. Electricity provider's meter in the 0.4kV distribution board (to be moved as necessary);
3. Wastewater collection system;
4. Connection of new pressure pipe from Beljina SPS;
5. SCADA – WAN of PUC via internet.

SPS Beljina

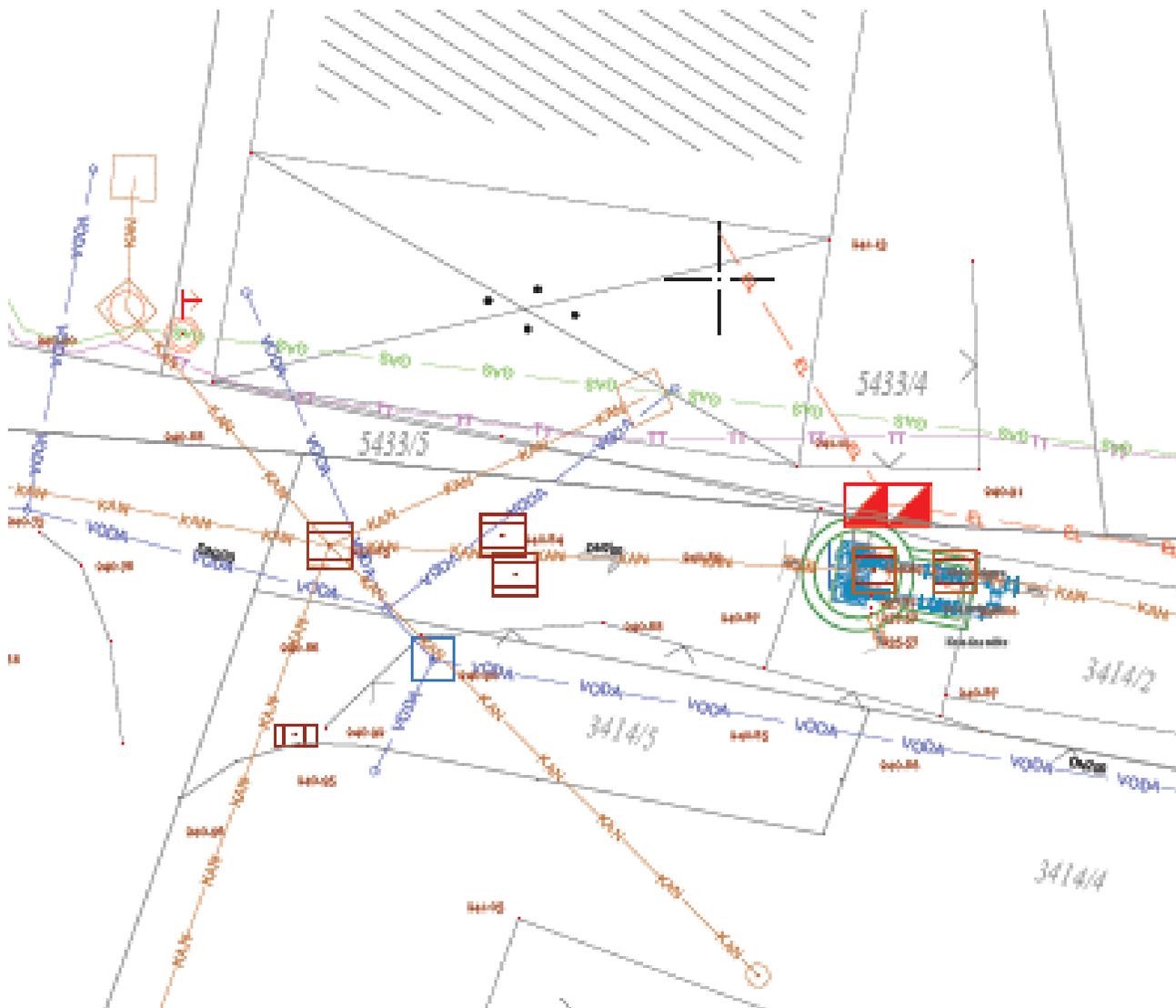


SPS Ljubić Polje	Unit	Value
Q (duty)	l/s	25
Head	m	Contractor to design



Radion: Radion-04/1

SPS Košutnjak



SPS Ljubić Polje	Unit	Value
Q (duty)	l/s	32
Head	m	Contractor to design



Part 2: Scope of Works

1

Design

- Conceptual design
- Design for Construction Permit
- Design for Construction
- As built design

2

Construction

- SPS Ljubić Polje with access road
- SPS Beljina
- SPS Košutnjak

3

Tests on Completion and Taking Over

- Pre-commissioning tests
- Commissioning tests
- Trial operation

4

DNP

- DNP 365 days

Part 3: Cleaning, CCTV inspection, design and rehabilitation of sewers



Street	Depth m	Material
Heroja Đurakića	3.0– 4.0	Ceramic
Hajduk Veljkova	4.5– 5.0	Concrete
Veselina Milekica F. Filipovica	4.5-5.0	Ceramic
Vojvode Stepe	4.5-5.0	Concrete



Time for Completion	1099 days
DNP	365 days



Questions



REPUBLIC OF SERBIA
MINISTRY OF ENVIRONMENTAL PROTECTION
MINISTRY OF FINANCE
Department for Contracting and Financing
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STRENGTHENING THE CAPACITIES OF THE NATIONAL INSTITUTIONS IN ENVIRONMENTAL SECTOR FOR INFRASTRUCTURE PROJECTS MANAGEMENT

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#EY
ЗА ТЕБЕ

THANK YOU