

**BOSNIA AND HERZEGOVINA
FEDERATION OF BOSNIA AND HERZEGOVINA**

JP Autoceste FBiH d.o.o. Mostar

**PROJECT IMPLEMENTATION REPORT:

CONSTRUCTION OF THE MOTORWAY ON
THE CORRIDOR Vc IN THE FEDERATION OF
BiH**

as of June 30, 2024



This document has been prepared with the financial help of the Western Balkans Joint Fund, as a part of the Western Balkans Investment Framework. The views expressed in this document are the views of JP Autoceste FBiH, and therefore cannot be considered as the official opinion of contributors to the Western Balkans Joint Fund or of the EIB as co-manager of the Western Balkans Joint Fund.

Sarajevo, July 2024

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1. INTRODUCTION

Javno preduzeće Autoceste Federacije Bosne i Hercegovine d.o.o. Mostar (hereinafter: JP Autoceste FBiH) was founded in accordance with the Law on Roads of the Federation of Bosnia and Herzegovina, and has been operating as a public company since 01 January 2011. The activity of JP Autoceste FBiH is defined by the Law on Roads of FBiH, on the basis of which JP Autoceste of FBiH became the holder and implementer of the very complex and important project for the construction of part of the international motorway Corridor Vc, which connects Eastern and Central Europe with the Mediterranean coast. The legal framework for the Company's business activities, except of the Law on Roads, is also the Law on Motorway on Corridor Vc, Law on Companies, and Law on Public Companies in the Federation of Bosnia and Herzegovina, as well as other positive regulations in Bosnia and Herzegovina.

At the second Pan-European Conference on Transport held on Crete in 1994, the European Union defined its priorities in terms of infrastructure, and transport corridors toward the East, to be implemented by 2015. At the third Pan-European conference held in Helsinki in 1997, the number of corridors was increased to ten and some changes were made. One of these changes was the introduction of Corridor Vc (Budapest - Osijek - Sarajevo - Ploče) into the basic European transport network.

Corridor Vc is a multimodal road corridor that connects Hungary (Budapest) and Croatia (Port of Ploče), via Osijek (Croatia) and Sarajevo (Bosnia and Herzegovina), and is also the largest project transport infrastructure in Bosnia and Herzegovina with a total length of around 340 km, while a 285 km long route passes through the Federation Bosnia and Herzegovina. The construction of motorways on Corridor Vc improves the connection of Bosnia and Herzegovina with neighboring countries and improves the potential for economic development. The project is strongly supported by the Government of the Federation of Bosnia and Herzegovina, and it is expected to enable Bosnia and Herzegovina a better integration with the European economic and social structures in Europe.

A total of 121.40 km of motorway was built and opened to traffic on Corridor Vc, and it refers to the following sections:

- Svilaj - Odžak
- Zenica bypass (includes part of the sub-section Zenica Tunnel – Donja Gračanica, sub-section Klopče - Donja Gračanica and sub-section Drivuša – Klopče)
- Zenica South - Sarajevo North
- Sarajevo North - Sarajevo West
- Sarajevo West - Tarčin
- Tarčin - Ivan (including Tunnel Ivan)
- Zvirovići – Bijača.

In this document, we provide a report on the dynamics of the implementation of projects under the jurisdiction of the JP Autoceste d.o.o Mostar as at 31 June 2024.



Map: Motorway on Corridor Vc in Bosnia and Herzegovina

2. LOAN AGREEMENTS

Pursuant to the Law on Roads of the Federation of Bosnia and Herzegovina, the funds for maintenance, protection, restoration, reconstruction and construction of motorways in the FBiH are obtained from:

- public incomes (revenues from excise taxes, toll fees, revenues from the use of road land);
- loans;
- donations (grants).

For the construction of sections of the motorway on Corridor Vc in the Federation of BiH, Bosnia and Herzegovina signed loan agreements with international financial institutions. In the period from 2008 to 2020, agreements were concluded with the European Investment Bank, the European Bank for Reconstruction and Development, the OPEC Fund and the Kuwait Fund for Arab Economic Development. Basic data on all concluded loan agreements for the construction of the motorways on Corridor Vc are given in three tables below.

EIB European Investment Bank			
Agreement number and date	Section being financed	Loan amount in EUR	Loan status
No. 24.775 dated 18 December 2008	Kakanj – Drivuša (including Tunnel 1. Mart)	75 mil.	Loan repayment in progress.
No. 31.174 dated 22 July 2012	Vlakovo – Tarčin and Svilaj - Odžak	166 mil.	Loan repayment in progress.
No. 83.975 dated 11 November 2014	Počitelj – Zvirovići	100 mil.	Loan funds are operative and drawdown of funds is in progress. Addendum No. 2. to the Financing Agreement signed and effective from October 2023. The drawdown No. 6 is expected
No. 86.971 dated 26 April 2018	Ponirak – Vraca	50 mil.	Loan funds are operative and drawdown of funds is in progress. A request has been submitted to supplement the Financing Agreement. JP Autoceste submitted comments on the draft Addendum no. 1 on June 10 th 2024

No. 87.195 dated 26 April 2018	Tunnel Kvanj – Buna	100 mil.	The Financing Agreement was ratified in December 2018, and in November 2018, the Subordinated Financing Agreement was signed. All conditions for the first drawdown of funds were fulfilled. JP Autoceste submitted comments on Addendum No. 1 on June 7 th 2024
No. 89.502 dated 27 February 2020	Tarčin – Ivan (LOT 1) and Poprikuše - Nemila	140 mil.	Loan funds drawn down in full.
No. 91.682 dated 28 December 2020	Medakovo – Ozimice and Ozimice - Poprikuše	340 mil.	The Financing Agreement was ratified in June 2021. The procedure for accepting the Loan Agreement was completed with the adoption of a decision in the Parliament of the Federation of Bosnia and Herzegovina in February 2022 by passing the Decision on Accepting the Loan. The Subordinate Loan Agreement was signed in October 2022. The first tranche of the loan was withdrawn in December 2023 in the amount of 63 million EUR
Total amount EIB portfolio on Corridor Vc:		971 million EUR	

Table no. 1 – Loan Agreements with the EIB

EBRD European Bank for Reconstruction and Development			
Agreement number and date	Section being financed	Loan amount in EUR	Loan status
No. 38716 dated 28 October 2008	Kakanj – Drivuša Vlakovo – Tarčin Počitelj – Southern border Odžak – Northern border	205 mil.	Loan repayment in progress.
No. 47372 dated 22 December 2015	Tunnel Zenica – Donja Gračanica and Buna – Počitelj	80 mil.	Loan funds were drawn in the amount of approx. 71 million EUR. The rest of the project costs will be paid from grant funds.
No. 48999 dated 22 December 2016	Donja Gračanica - Klopče and Svilaj - Odžak	76 mil.	Loan funds were fully drawn on December 31 st 2020
No. 49058 dated 12 September 2018	Poprikuše - Nemila Tunnel Ivan (LOT 2) Mostar South - Tunnel Kvanj	70 mil. 50 mil. 60 mil.	Loan funds have been operational since November 26 th 2020, and payment application by creditors is ongoing. Funds of the Tranche B have been available for the construction of subsections Mostar South – Tunnel Kvanj (60 mil. Euro) since May 2021.
No. 50603 dated 09 May 2019	Putnikovo Brdo - Medakovo	60 mil.	JP Autoceste received notification on the Loan Agreement coming into effect in April 2021. In May 2023, the Funds are operational, payment of applications is in progress.

No. 51593 dated 13 December 2023.	Mostar North – Mostar South (EIB / commercial banks)	260 mil.	<p>Loan agreement signed on December 13th 2023 in the amount of EUR 110 million, potentially EUR 220 million. The Presidency of Bosnia and Herzegovina issued a Decision on the Ratification of the Grant Agreement on February 21st 2024. Fulfillment of the conditions for the Grant Agreement to become legally binding is in progress.</p> <p>The tender for the procurement with the commercial banks was again announced on June 29th 2022. Procurement Agreement with commercial banks awarded and signed in December 2022 in the amount of 150 mil. EUR. Obtaining guarantees from the Federation of Bosnia and Herzegovina is in progress.</p>
Total amount EBRD portfolio on Corridor Vc:		861 million EUR	

Table no. 2 – Loan Agreements with the EBRD

OFID OPEC Fund for International Development			
Agreement number and date	Section being financed	Loan amount in EUR	Loan status
No. 1588P dated 03 September 2014	Klopče - Donja Gračanica	48 million USD (43 million EUR)	Larger portion of the loan funds was withdrawn (approx. 17,000 USD remained)
No. 1589PB dated 03 September 2014	Klopče - Donja Gračanica	24 million EUR	Loan funds drawn in full.
No. 12665 P dated 30 August 2018	Vranduk - Ponirak	27.150.000 USD (23.193.838 EUR)	Loan funds were fully drawn in July 2022.
No. 12663 PB dated 30 August 2018	Vranduk - Ponirak	24.300.000 EUR	Loan funds drawn in full.

KFAED Kuwait Fund for Arab Economic Development			
Agreement number and date	Section being financed	Loan amount in EUR	Loan status
No. 794 dated 21 July 2014	Drivuša – Klopče	10.500,000 KWD (31 mil. EUR)	Loan funds fully drawn.
No. 1012 dated 19 February 2019	Nemila - Vranduk	11.600,000 KWD (cca. 36 mil. EUR)	On November 26th 2020, a notification was received from the Kuwait Fund that the Loan Agreement is legally binding. Loan funds are operational, funds drawdown is in progress.
Total amount portfolio of the other creditors on Corridor Vc:			181.4 mil. EUR

Table no. 3 – Loan agreements with other creditors

In order to move forward with the construction of sections on Corridor Vc, JP Autoceste also launched new bank debt initiatives. Status of initiatives is shown in Table no 4.

Numb er	Motorway section of Corridor Vc	Total amount of the initiated actions
1.	Poprikuše - Nemila	94.55 mil. EUR
	Implementer: EBRD	
In November 2023, the Management of the JP Autoceste passed the Decision on submission of the Debt Request for financing the construction works on the motorway section from Poprikuše to Nemila. JP Autoceste submitted a Request for additional credit debt to the EBRD in November 2023. In April 2024, the JPAC Management passed the updated Decision on the initiation of the Request for credit debt in the amount of EUR 94.55M. JP Autoceste submitted a Request for additional credit debt to the EBRD in April 2024.		
2.	Putnikovo Brdo - Medakovo	68.67 mil. EUR
Implementer: EBRD		
In January 2024, the JPAC Management passed the Decision on the initiation of the Request for additional credit debt. JP Autoceste submitted a Request for additional credit debt to the EBRD in February 2024. JP Autoceste submitted a Request for additional credit debt to the EBRD in May 2024.		
3.	Ovčari - entrance to the Tunnel Prenj Tunnel Prenj Tunnel Prenj - Mostar North	600 mil. EUR
Implementer: EIB/ EBRD		
The FBiH Government passed the Decision on Approval for signing the Mandate Letter for financing of the motorway section on Corridor Vc Ovčari – Tunnel Prenj – Mostar North. In July 2021, the Management of the JPAC passed the Decision on Submission of the Debt Request for Financing the Construction Works on the Motorway Section from Ovčari to Mostar South. In October 2021, the FBiH government supported with conclusions the bank debt initiative with the EIB and the EBRD in the amount of EUR 300M each. The Council of Ministers also adopted the above-mentioned initiatives for debenture. Due to the increase in construction costs of the section from Ovčar to Mostar North, including the Tunnel Prenj, it was agreed at the last observation mission of the EIB that the EIB will increase its participation to EUR 500M, which will ensure a total amount of EUR 800M. In order to close the financial construction on the section, JP Autoceste FBiH turned to the Government of FBiH for additional support of EUR 200M because the project is in the second phase of tender for construction works.		

4.	Vranduk – Ponirak additional indebtedness	25 mil. EUR
Implementer: OFID		
<p>In September 2019, the Federal Ministry of Finance gave a negative opinion on the initiative for additional indebtedness with instructions for finding more favorable sources of funding. In March 2021, OFID submitted a letter of intent with updated loan conditions. In July 2021, JP Autoceste submitted an updated request for debt under new, more favorable conditions. In September, the FBiH Government supported with the Conclusion the initiative for additional indebtedness. In December 2021, the BiH Council of Ministers adopted the initiative of the Ministry of Finance and Treasury and appointed a delegation to conduct negotiations to conclude the Loan Agreement. In November 2022, the Council of Ministers adopted the final draft of the Loan Agreement with the proposal of the signatories on behalf of BiH. On April 12th 2023, the BiH Presidency passed the Decision on the Acceptance of the Loan Agreement, and appointed an authorized signatory on behalf of BiH. In September 2023, JP Autoceste submitted comments on the draft Loan Agreement. The Agreement was signed in November 2023. On February 27th 2024, the Government of the FBiH set out a proposal for the Decision to approve the acceptance of additional debt for the section Vranduk - Ponirak. The Parliament of the FBiH passed the Decision on accepting the additional indebtedness on June 12th 2024.</p>		
5.	Vranduk – Ponirak new additional indebtedness	65.22 mil. EUR
Implementer: OFID		
<p>In accordance with the signed Addendum no. IV to the Construction Contract and Addendum no. 3 to the Supervision Contract, the Management of JP Autoceste FBiH passed the Decision on the initiation of the Request for credit debt in the amount of EUR 65.22M needed for completion of works on the section Vranduk - Ponirak. The Supervisory Board adopted the subject initiative and JP Autoceste submitted a Request for additional credit debt to the EBRD in May 2024.</p>		
6.	Nemila Vranduk - additional indebtedness	21 mil. EUR
Implementer: KFAED		
<p>JP Autoceste submitted to the FBiH Ministry of Finance and the FBiH Ministry of Transport and Communications, the Request for the additional bank debt with the Kuwait Fund in the amount of EUR 21M. The FBiH Government supported the initiative for the additional loan funds for section Nemila - Vranduk to be provided by the Kuwait Fund. In December 2021, the BiH Council of Ministers adopted the initiative of the Ministry of Finance and Treasury and appointed a delegation to conduct negotiations to conclude the Loan Agreement. The Draft Loan Agreement is to be delivered by the creditors.</p>		

7.	Ivan – Ovčari	162 mil. EUR
Implementer: EIB		
<p>The request for debt was submitted in September 2022, in the amount of EUR 162M (which is 50% of the project costs) in accordance with the draft of the Feasibility Study dated June 2022, where the new estimated value of the subsection is indicated in the amount of EUR 324M. It was planned that EIB would also support the WBIF investment grant up to 40% of the planned value of the project expenses. According to the latest information in the next cycle of grant funds, no funds will be allocated for road traffic. To close the financial structure, it is possible to rely on grants from the so-called "Growth Plan" or additional credit funds from other international institutions. In November 2022, the FBiH Government supported the debt initiative with EIB in the amount of EUR 162M. The Ministry of Finance and Treasury of Bosnia and Herzegovina submitted on December 30th 2022 a request to the bank for an additional indebtedness. The bank is expected to submit the draft Loan Agreement.</p>		
8.	Ponirak – Vraca additional indebtedness	7.5 mil. EUR
Implementer: EIB		
<p>JP Autoceste submitted a request for additional indebtedness in September 2022. In November 2022, the FBiH Government supported the initiative to secure additional funds from the EIB in the amount of EUR 7.5M. The Ministry of Finance and Treasury of Bosnia and Herzegovina submitted on December 12th 2022 a request to the bank for an additional indebtedness. The process of additional debt in the amount of EUR 7.5M is canceled at the Bank's request. The management of JP Autoceste FBiH d.o.o. Mostar passed the decision to abandon the request for additional credit indebtedness number: 01-10861-19/23 dated December 21st 2023.</p>		
Total amount of submitted initiatives for the new debts on Corridor Vc:		978.72 mil. EUR

Table no. 4 – Initiatives for new debts

3. EU GRANTS

JP Autoceste as the final beneficiary of the loans of European banks is also applying for European Union pre-accession grants (Connectivity Agenda), which shall be implemented through the Western Balkans Investment Framework. By the mid-2022, the EU has approved more than EUR 300M in grants for Corridor Vc to the Federation of Bosnia and Herzegovina. The funds are implemented through the creditor who finances the construction of the section (EIB or EBRD). If the grant is implemented through the EBRD, separate agreements are concluded on the investment grant (between the EBRD and BiH) and the technical assistance grant (signed between the EBRD and JP Autoceste). If the grant is implemented through the EIB, one grant agreement is signed covering both components. Below is the status of the approved grants for the motorway section of the Corridor Vc.

Num ber	Motorway section of Corridor Vc	Total amount of the approved grant
1.	Svilaj - Odžak	19.6 mil. EUR
Date of the approval: December 2015		Implementer: EIB
Grant funds were drawn in the amount of EUR 14M for the investment part. The TA component of the grant was drawn in July 2023 in the amount of EUR 1.4M.		
2.	Putnikovo Brdo - Medakovo	16.55 mil. EUR
Date of the approval: December 2019		Implementer: EBRD
The Investment Grant Agreement has been agreed upon. The Grant Agreement was signed in May 2023. The Presidency of Bosnia and Herzegovina adopted the Decision on ratification on December 29 th 2023. Fulfillment of the conditions for the Grant Agreement to become legally binding is in progress.		
The Technical Assistance Grant Agreement will be signed directly between the creditors and JP Autoceste.		
3.	Medakovo – Ozimice	79 million EUR
Date of the approval: February 2022		Implementer: EIB
Application was approved in 2022 JP Autoceste received the draft of the Grant Agreement in June 2024, and submitted comments on the draft Agreement.		

4.	Ozimice - Poprikuše	141.35 million EUR
Date of the approval: December 2019		Implementer: EIB
The application was officially approved in 2023. Creditor will submit the draft Grant Agreement in the upcoming period.		

5.	Poprikuše - Nemila	41.17 million EUR
Date of the approval: December 2019		Implementer: EBRD
<p>The Investment Grant Agreement in the amount of EUR 36.07M was signed in April 2022. The BiH Parliamentary Assembly passed the Decision on Granting Consent for Ratification in July 2022. In September 2022, the FBiH Government passed the Decision on Granting Consent for the Acceptance of the Investment Grant. The ratification process will be completed after the adoption of the Decision by the BiH Presidency. The Subcontract to Grant Agreement was signed in December in 2022. The Presidency of Bosnia and Herzegovina issued a Decision on the Ratification of the Grant Agreement on September 19th 2023. Fulfillment of the conditions for the Grant Agreement to become legally binding is in progress.</p>		
<p>The Technical Assistance Grant Agreement in the amount of EUR 5.05M was signed between the EBRD and JP Autoceste on August 2nd 2021. In February 2022, the EBRD reimbursed funds for TA components and continued with the direct payment of supervision service costs.</p>		
6.	Tunnel Zenica – Donja Gračanica	12.06 million EUR
Date of the approval: June 2018		Implementer: EBRD
<p>The Investment Grant Agreement in the amount of 36.07 million EUR was signed in April 2022. The BiH Parliamentary Assembly passed the Decision on Granting Consent for Ratification in July 2022. In September 2022, the FBiH Government passed the Decision on Granting Consent for the Acceptance of the Investment Grant. The ratification process will be completed after the adoption of the Decision by the BiH Presidency. The Subcontract to Grant Agreement was signed in December in 2022. The Presidency of Bosnia and Herzegovina issued a Decision on the Ratification of the Grant Agreement on 19th September 2023. Fulfillment of the conditions for the Grant Agreement to become legally binding is in progress.</p>		
<p>The Technical Assistance Grant Agreement in the amount of EUR 2.80M was signed between the EBRD and JP Autoceste on August 2nd 2021. The EBRD reimbursed funds for the TA component in February 2022, and continued with payment of the expenses.</p>		
7.	Ponirak – Vraca (Tunnel Zenica)	19 million EUR
Date of the approval: June 2018		Implementer: EIB

The Investment Grant Agreement was signed in December 2019. The Decision on Ratification was published in October 2020. The FBiH Government accepted the Grant Agreement. Subsidiary Agreement and Subgrant Agreement were signed in December 2020.

The first tranche of the grant in the amount of EUR 5M was drawn in June 2022. The second tranche of the grant in the amount of EUR 7.22M was drawn in January 2023.

The third tranche of the grant in the amount of EUR 3.94M was drawn in December 2023.

8.	Tarčin – Entrance to Ivan tunnel (Lot 1)	11.78 million EUR
Date of the approval: December 2018		Implementer: EIB

The Investment Grant Agreement was signed on July 29th 2020 and the Decision on Ratification was published in February 2021. The FBiH Government accepted the Grant Agreement. Subsidiary Agreement and Subgrant Agreement were signed in February 2021. The Waiver Letter was signed in August 2022. The first tranche of the grant in the amount of EUR 10.6M was drawn in March 2023. The drawdown of the remaining second tranche is expected in Q3 2024.

9.	Tunnel Ivan (Lot 2)	11.48 million EUR
Date of the approval: December 2018		Implementer: EBRD

The Investment Grant Agreement was signed in April 2022, and has been sent to the ratification procedure. The BiH Parliamentary Assembly passed the Decision on Granting Consent for Ratification in July 2022. In September 2022, the FBiH Government passed the Decision on Granting Consent for acceptance of the grant. The Subcontract to Grant Agreement was signed in December in 2022. The ratification process will be completed after the adoption of the Decision by the BiH Presidency. The Presidency of Bosnia and Herzegovina issued a Decision on the Ratification of the Grant Agreement on September 19th 2023. Fulfillment of the conditions for the Grant Agreement to become legally binding is in progress.

The Technical Assistance Grant Agreement in the amount of EUR 2.25M was signed between the EBRD and JP Autoceste on August 2nd 2021. In February 2022, the EBRD reimbursed the funds for the TA component. Direct payment of monitoring applications is ongoing.

10.	Mostar North – Mostar South	155.9 million EUR
	Date of the approval: June 2023	Implementer: EBRD

The application was officially approved in 2023. Creditor will submit the draft Grant Agreement in the upcoming period

11.	Tunnel Prenj	3.5 million EUR
Date of the approval: June 2022		Implementer: EBRD

Technical Assistance Grant for the technical help services to the Project Implementation Unit was approved in June 2022. The Technical Assistance Grant Agreement will be signed directly with the creditor. JP Autoceste submitted comments on the draft Grant Agreement in April 2024. Grant Agreement was signed between JP Autoceste and the EBRD on May 27 th 2024. Fulfillment of the conditions for the Grant Agreement to become legally binding is in progress.		
12.	Mostar South - Tunel Kvanj	30.33 million EUR
Date of the approval: February 2022		Implementer: EBRD
Grant application was officially approved in 2022. Creditor will submit the draft Grant Agreement in the upcoming period.		
13.	Tunnel Kvanj – Buna	43.8 million EUR
Date of the approval: November 2020/ February 2022		Implementer: EIB
Two applications were approved: the first 20% in 2020, and the additional 20% in the Sixth call in 2022. The Bank submitted the draft Grant Agreement in April 2024. JP Autoceste FBiH submitted comments on the draft Grant Agreement for the first 20% in April 2024.		
14.	Buna – Počitelj	8.78 million EUR
Date of the approval: December 2018		Implementer: EBRD
The Investment Grant Agreement in the amount of EUR 6.2M was signed in March 2021. On June 15 th 2021, the BiH Presidency passed the Decision on Ratification. The Subgrant Agreement was signed in August 2021. The notice from the bank on efficiency of the Grant Agreement was received in March 2022. In May 2022, the EBRD reimbursed the funds. Grant funds drawn in full.		
A Technical Assistance Grant Agreement in the amount of EUR 2.52M was signed between EBRD and the JP Autoceste in August 2021. The EBRD reimbursed the funds for the TA component in March in 2022. Grant funds drawn in full.		
15.	Počitelj – Zvirovići	5 million EUR
Date of the approval: June 2018		Implementer: EIB
Technical Assistance Grant Agreement between EIB and Ministry of Finance and Treasury and JP Autoceste was signed in November 2021. FBiH Government passed the Decision on Granting Consent for acceptance of the Grant in February 2022. The Presidency of Bosnia and Herzegovina passed the Decision on Ratification of the Grant Agreement in March 2022. The first tranche of the grant in the amount of EUR 3.5M was drawn in December 2023.		
TOTAL AMOUNT OF THE APPROVED GRANT FUNDS		589.5 million EUR

Table no. 5 – WBIF Investment grants

In addition to the investment grants, WBIF approved grants for certain technical assistance projects on Corridor Vc that will be implemented through the IPF (Infrastructure Project Facility).

As a result of these grants, JP Autoceste will receive study and project documentation. An official request has been submitted to increase the value of the technical assistance grants and the approval procedure is in process.

Details on technical assistance grants are given in the Table below.

Subsection	IFI	Value €	Grant Implementer	Status
Ivan – Ovčari	EIB	5.366.400	IPF9	IPF9 is in charge of creating project documentation as follows: Feasibility Study, Environmental Impact Study, Preliminary Design, Detailed Design and Detailed Design review. The preparation of study documentation started in January 2021. The Preliminary Design is completed, and the Detailed Design is being developed. The deadline for completing the Detailed Design is Q4 2024.
Ovčari - Tunnel Prenj entrance	EBRD	4.753.082	IPF8	Two WBIF grants are implemented together in two components. Component 1 includes gap analysis, Environmental impact study and environmental and social documents package in accordance with EBRD standards. The preparation of study began in June 2020. Documentation is being prepared. Preliminary design completed,
Exit from tunnel Prenj - Mostar North	EBRD	4.973.412	IPF8	Detailed design is being developed. Component 2 includes the Detailed Design and tender documentation, completion of the Detailed Design is expected in Q2 2024. Tender will be launched after completion of the Detailed Design.

Table no. 7 – WBIF Technical Assistance Grants

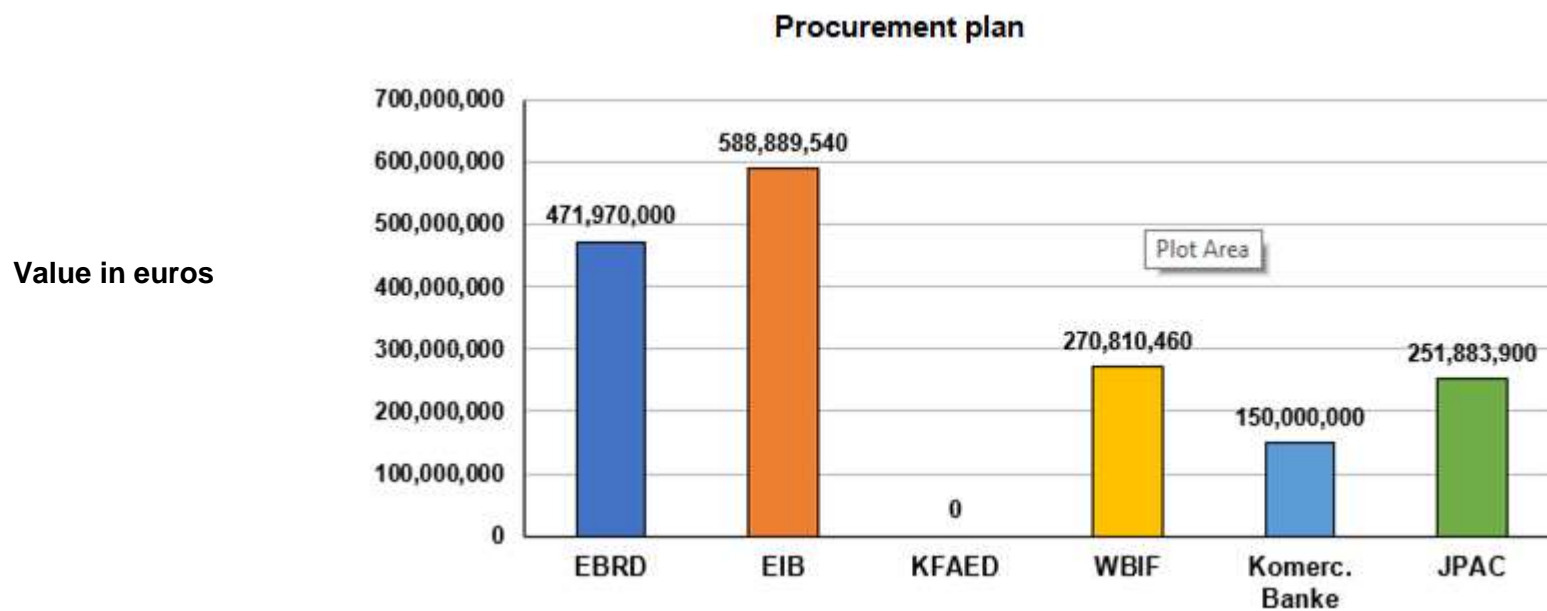
4. PROCUREMENT PLAN

JP Autoceste FBiH has prepared the expected plan for procurement of work and services according to the international creditors' procedures. The plan contains estimated values while actual values are to be determined after completion of tender procedure.

No	Description	Assessment	Funded by	Contract	Procurement	Tender	Contract	
		Contract Value	EBRD, EIB KFAED, OFID/OPEC	Type	Method	Call month/year	Signature month/year	Completion month/year
1.	Subsection Ozimice - Poprikuše Construction of the motorway	350.000.000	EIB and WBIF	Works	Open procedure	Apr - 23	Dec - 24	Jun - 27
2.	Subsection Ozimice - Poprikuše Supervision of the motorway construction	4.700.000	WBIF	Services	Competitive procedure	May - 22	Aug - 24	Dec - 27
3.	Mostar South - Tunnel Kvanj construction of the motorway	66.970.000	EBRD	Works	Open	Dec - 20	Aug - 24	Aug - 26
4.	Kvanj Tunnel - Buna construction of the motorway	150.000.000	EIB	Works	Open	Jan - 24	Aug - 24	Mar - 28
5.	Mostar North – Mostar South Supervision of the motorway construction	10.000.000	EBRD	Services	Competitive	May - 22	Dec - 24	Jul - 28
6.	Mostar North – Mostar South construction of the motorway	350.000.000	EBRD and Commercial banks	Works	Open	Jan - 23	Dec - 24	Jan - 28
7.	Construction of Prenj Tunnel	550.000.000	EBRD, EIB WBIF	Works	Open	Feb - 24	Dec - 24	Dec - 30
INT. FIN. INSTITUTIONS:		1.481.670.000,00	EBRD, EIB, WBIF and Commercial Banks					
VAT (17%) JP Autoceste FBiH		251.883.900,00						
TOTAL:		1.733.553.900,00						

Table no. 8 – Procurement Plan

Graph 1. shows the participation of the international financial institutions, WBIF grant funds, as well as own funds of JP Autoceste in work and service agreements whose procurement is in progress.



Graph 1. Procurement plan

5. LOTS ON CORRIDOR Vc

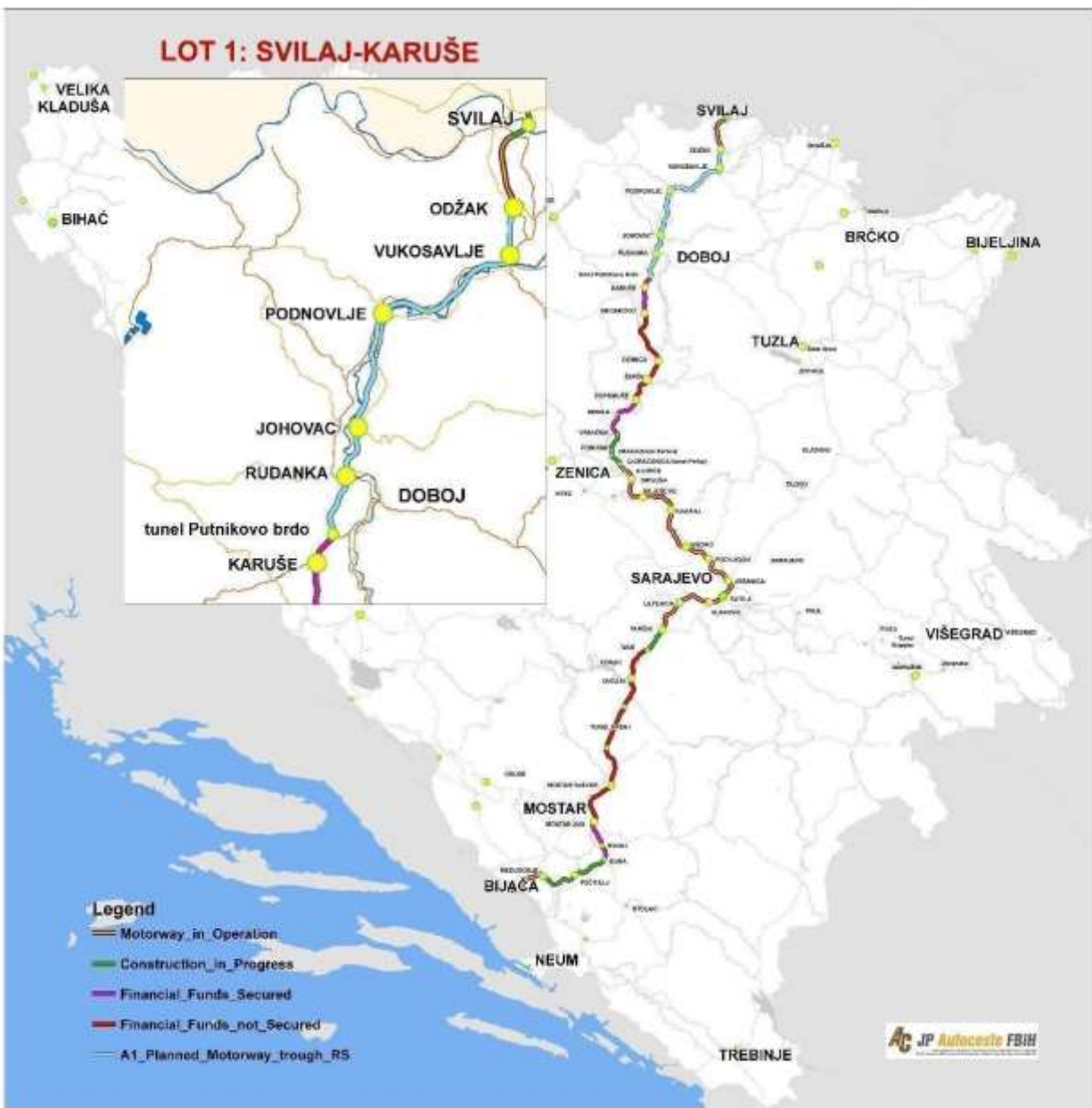


Corridor Vc in BiH includes four main sections, which are called Lots in official documents and are divided from north to south, as follows:

- **LOT 1:** Svilaj on the Sava river - Doboj South;
- **LOT 2:** Doboj South - Sarajevo South (Tarčin);
- **LOT 3:** Sarajevo South (Tarčin) - Mostar North;
- **LOT 4:** Mostar North - Bihać at the southern border with Croatia.

The following pages of the Report show the progress according to the above-mentioned LOTs on subsections that are under preparation or under construction.

5.1. LOT 1: SVILAJ - KARUŠE



LOT 1 starts with the motorway section Svilaj - Odžak which was opened to traffic on 30 September 2021. Motorway sections from Odžak to Tunnel Putnikovo brdo are under the jurisdiction of JP Autoputevi RS, after which the subsection Putnikovo brdo - Medakovo continues. Although one part of the subsection Putnikovo brdo – Medakovo (from Karuša to Medakovo) belongs to LOT 2, data will be presented in this chapter.

SVILAJ – ODŽAK SECTION	
TECHNICAL DESCRIPTION	
<p>The total length of the section is 10+400 km. The initial point of the section is Svilaj Bridge, then it stretches for 300 m until border crossing Svilaj, after which comes the Interchange Svilaj. Further on, there is the main Svilaj toll booth. The section ends at the Odžak interchange, which is located near Odžak. The implementation of the project is divided into two phases for the sake of harmonization with dynamics of bridge construction over the Sava River. The construction of this section connected parts of Corridor Vc in Croatia and Bosnia and Herzegovina.</p>	
Funding	EIB Laon No. 31.174
	EBRD Loan No. 48999
	EU grant number WBIF CF 1006 BIH TRA
	Own funds
Number and date of the environmental permit	UP-I/03/02-23-4-46/05 dated September 7 th 2010. Supplement to the environmental permit no. UPI 05/02-23-11-75/16 dated 06 June 2016.
Number and date of the building permit	UPI/03-23-2-321/12 dated December 14 th 2012. Supplement to the construction permit no. UPI/03-23-2-321-1/12 dated 10 October 2014.
Number and date of the use permit for Phase I	UPI/03-23-2-229/15 dated November 9 th 2015.
Number and date of the use permit for Phase II	UPI/03-19-2-320/20 dated September 13 th 2021.
CONSTRUCTION WORKS	
Contractor	Joint Venture Strabag AG, Euro-Asfalt d.o.o. Sarajevo and GP ŽGP d.d. Sarajevo
Contract Number	JP Autoceste 327-B45-12 dated September 12 th 2013 (during the implementation of the Contract, 6 Addendums to the Contract were concluded)
Contract Value	EUR 71.642.818,80 excluding VAT, which was changed by Addendums to EUR 35.101.923,19 for Phase I and EUR 38.102.007,40 for Phase II
Construction deadline	420 days, which was changed to 400 days by the Addendums dated March 15 th 2018.

SUPERVISION SERVICES	
Consultant	Aecom Inocs S.L.U. Spain
Contract Number	Phase I: JPAC 328-E152-12 dated September 2 nd 2013 (during the implementation of the Contract, 1 Addendum to the Contract was concluded)
	Phase II: JPAC 819-E426-17 dated March 10 th 2017 (during the implementation of the Contract, 1 Addendum to the Contract was concluded)
Contract Value	Contract value for Phase I amounts to EUR 2.260.950 excluding VAT, and in Addendum no. 1 it was increased to EUR 2.738.632 excluding VAT
	Contract value for Phase II amounts to EUR 1.014.250 excluding VAT, and with Addendum no.1 it was increased to EUR 1.181.875 excluding VAT
Duration of the Contract	Phase I: 38 months and in Addendum it was extended to 46 months
	Phase II: 33 months and in Addendum it was extended to 51 months
The Federal Ministry of the Physical Planning issued the use permit and the section Svilaj – Odžak was opened to traffic on 30 September 2021.	
SUMMARY OF PAYMENT FOR WORKS	
Summary of payment for works	EUR 67.948.008,32 excluding VAT or EUR 79.499.169,73 including VAT
SUMMARY OF PAYMENT FOR WORKS	
Summary of payment for works	3.920.507,00 EUR excluding VAT, respectively EUR 4.586.993,19 including VAT

Summary: EIB Loan No. 31.174, EBRD Loan No. 48999, own funds and WBIF grant

Payment per categories	Svilaj - Odžak: Phase I	Svilaj - Odžak: Phase II
Works: loan funds	11.047.127,36	9.446.733,01
Works: own funds	23.822.546,05	8.768.887,57
Works: grants*	520.135,33	14.342.579,00
TOTAL WORKS:	35.389.808,74	32.558.199,58
Supervision: loan funds	421.224,50	748.712,50
Supervision: own funds	2.317.407,50	197.795,50
Supervision: grant funds	0,00	235.367,00
TOTAL SUPERVISION:	2.738.632,00	1.181.875,00

Note: In Q1 2020, part of the grant funds for the section Svilaj - Odžak in the amount of EUR 4.711,491 were returned based on the Request of the Ministry of Finance and Treasury of BiH number 06-21-2-1876-37/19.

SECTION PUTNIKOVO BRDO – MEDAKOVO	
TECHNICAL DESCRIPTION	
<p>The length of the section is 8.5 km. The route starts at the exit of the tunnel Putnikovo Brdo 2 at the border between two entities. The route stretches towards the Usora interchange where the side toll booth is located and after which the route crosses the bridge over the regulated riverbed of the Usora river and over the bridges it reaches the village of Karuše. In Karuše, the route passes through a hill and on that location a cut&cover system is planned in the length of 220 m. Further on, the route passes through the inhabited places Tešanjka and Medakovo as well as through the uninhabited areas. The section ends after the interchange Medakovo.</p>	
Funding	EBRD Agreement number 50603
	EU Grant number WB-IG01-BIH-TRA-01
Number and date of the environmental permit	UPI 05/2-23-11-144/19 dated September 27 th 2019 UPI 05/2-02-19-5-48/21 SN dated April 19 th 2021
Number and date of the urban permit	UPI/03-23-2-22/15 ID DATED September 1 st 2015 Amendment number 1: UPI/03-23-2-22/15 dated September 9 th 2021 Amendment number 2: UPI/03-23-2-22/15 dated November 3 rd 2022
Number and date of the building permit	UP1-03-19-2-601/22 dated November 8 th 2022
CONSTRUCTION WORKS	
Contractor	Euro-asfalt d.o.o. Sarajevo
Contract Number	JPAC-1245-B118-20
Contract Value	EUR 142.779.962,33 excluding VAT
Construction deadline	24 months
Addendum	Addendum no. 1 from December 2022 (bank guarantee for advance payment).
	Addendum no. 2 dated April 24 th 2023 (for ESAP)
	Addendum no. 3 dated December 4 th 2023 concerning change of personnel

SUPERVISION SERVICES	
Consultant	IRD Engineering S.r.l.
Contract Number	JPAC-1248-E654-20
Contract Value	EUR 2.450.000 excluding VAT
Duration of the Contract	48 months

Addendum	Addendum no. 1 dated March 1 st 2023 (for archaeological works)
	Addendum no. 2 dated April 2023 24 th (for ESAP)
	Addendum no. 3 dated December 4 th 2023 concerning change of personnel

CONSTRUCTION SITE ACTIVITIES IN THE REPORTING PERIOD

Description of completed works

Activities carried out in the period Apr 1st 2024 - Jun 30th 2024

The start date of the project was issued by the Engineer on June 1st 2023, for the construction of the highway on the Vc corridor, Putnikovo Brdo 2 - Medakovo tunnel section, Contract No. JPAC 1245-B118-20 dated November 11th 2022.

Ø The main activities carried out during this period are as follows:

- Clearing and grubbing up 97% of completed works.
- Earthworks, embankment construction 80% of works completed.
- Tunnel works/Cut and cover (on portals) 70% of works completed.
- Constructions (piles drilling, concrete-work, columns, etc.) 45% of works completed.
- Regulation of the rivers Tešanjka and Usora 30% of works completed.
- Relocation of the M4 main road, 70% of works completed.
- Interchange Medakovo and Usora, 35% of works completed

Current challenges regarding project implementation and measures taken

The Contractor submitted 12 Variation Orders-Proposals for Improvements, and the Engineer is reviewing and evaluating the proposal in accordance with GCC sub-clause 13.3 Variation Procedure and sub-clause 3.5 "Determinations". The status of each VO is as follows:

- VO1 was rejected by the Engineer and the Investor
- VO2 was rejected by the Engineer and canceled by the Contractor.
- VO3 evaluation in progress.
- VO4 accepted and the Engineer's Evaluation was issued.
- VO5 canceled (due to archaeology issues).
- VO6 accepted and the Engineer's Evaluation was issued.
- VO7 evaluation in progress.
- VO8 accepted and the Engineer's Evaluation was issued.
- VO9 accepted and the Engineer's Evaluation was issued.
- V10 accepted and the Engineer's Evaluation was issued.
- V11 accepted and the Engineer's Evaluation was issued.
- V12 accepted and the Engineer's Evaluation was issued.
- V13 evaluation in progress.

In addition,

1. Landslide in sectors 1 and 6 - A large landslide was observed on the slopes of sectors 1 and 6. Therefore, the Engineer called for a meeting with the contractor, the chief designer and the employer in order to find a solution. In conclusion, it was agreed that the contractor would prepare a new proposal, and that the Engineer and the Chief Designer would give their opinion. The Contractor submitted a proposal (geotechnical mission G31), and the Engineer responded (geotechnical mission G41) - the opinion of the Chief Designer is expected.
2. Due to the emergency situation, the works on this section continue according to the Engineer's comments (geotechnical mission G41) and the Variation orders are in the procedure (according to the Engineer's instructions).

Number of workers	April: 438	May: 439	June: 439
Number of hired subcontractors	April: 4	May: 5	June: 5

PROJECT IMPLEMENTATION COSTS			
Interim (payment) certificate	Payment date	Amount in EUR excluding VAT	Amount in EUR including VAT
WORKS - Euro-asphalt d.o.o. Sarajevo			
Σ1-12	until 31/03/2024	43.593.373,27	51.004.246,73
PS 13	04/04/2024	413.311,65	483.574,63
PS 14	25/04/2024	3.298.966,73	3.859.791,07
PS 15	30/05/2024	2.780.958,14	3.253.721,02
PS 16	27/06/2024	3.776.482,33	4.418.484,33
Q2	01/04-30/06/2024	10.269.718,85	12.015.571,05
WORKS IN TOTAL	until 30/06/2024	53.863.092,12	63.019.817,78
SUPERVISION-Consortium: IRD Engineering S.r.l.			
Σ1-12	until 31/03/2024	1.008.046,71	1.179.414,65
PS 13	10/05/2024	67.610,25	79.103,99
PS 14	20/05/2024	70.334,25	82.291,07
PS 15	19/06/2024	67.509,00	78.985,53
Q2	01/04-30/06/2024	205.453,50	240.380,60
SUPERVISION IN TOTAL	until 30/06/2024	1.213.500,21	1.419.795,25
TOTAL PROJECT IMPLEMENTATION COSTS PAID UNTIL JUNE 30th 2024		55.076.592,33	64.439.613,03

RECAPITULATION OF FUNDING SOURCES		
FUNDING SOURCE	TYPE OF EXPENSE	AMOUNT
EBRD no. 50603	WORKS	53.863.092,12
Own funds	SUPERVISION	1.213.500,21
TOTAL		55.076.592,33

Note: Monitoring services were paid from own funds to enable subsequent reimbursement of service costs from the WBIF grant that will be implemented through the EBRD.

5.2. LOT 2: KARUŠE - TARČIN



LOT 2 in the length of 145 km is the longest LOT on the Corridor. It includes the sections from Doboju South to Sarajevo South (Tarčin). The largest part of LOT 2 consists of the already constructed motorway section (Zenica North – Zenica South and Zenica South – Tarčin) which is already in use and in the toll system, at a length of 92.9 km. Zenica bypass (Zenica North - Zenica South) which consists of the subsections Drivuša - Klopče, Klopče – Donja Gračanica and part of the section Tunnel Zenica – Donja Gračanica was opened to traffic on July 15th 2021. Other sections of this LOT are in the preparation phase or in the construction phase which is shown below. Information concerning the section of the motorway from Karuše to Medakovo was presented in the previous chapter, and we start this chapter with section Medakovo

SECTION MEDAKOVO – OZIMICE	
TECHNICAL DESCRIPTION	
<p>Length of the section according to the main project is 21.7 km. The beginning of the section is located after the Medakovo interchange, and in the next 10 km the route passes mostly through populated areas: Medakovo, Alispahići, Trepče, Karadeglija and Jablanica. The route also contains a tunnel with an approximate length of 2200 m and a rest area on both sides. After the exit from the tunnel, the route is laid down towards the south, and passes through populated settlements of Strupina, Radaojići and Ljubatovići. The route, further on, passes around borders of smaller settlements and reaches Ozimice interchange where the subject section ends.</p>	
Funding	EIB; Agreement Number: 91.682
	EU grant; number: WB – IG04-BIH-TRA-01
Number and date of the environmental permit	UPI 05/2-23-11-144/19 dated September 27 th 2019 and UPI 05/2-02-19-5-48/21 SN dated April 19 th 2021.
Number and date of the urban permit	UPI/03-23-2-229/15 dated September 9 th 2021.
Number and date of the building permit	UPI 03-19-2-322/23 dated July 19 th 2023.
CONSTRUCTION WORKS	
Contractor	Cengiz İnşaat Sanayi ve Ticaret A.S.
Contract Number	JPAC 1397-B-138-22, signed on March 9 th 2023.
Contract Value	EUR 361.753.355,50 excluding VAT
Construction deadline	30 months + 6 months preparatory work
SUPERVISION SERVICES	
Consultant	JV: Yuksel Proje – Trasa d.o.o. Sarajevo
Contract Number	JPAC 1394-E-744-22
Contract Value	EUR 4.560.412,21 excluding VAT
Duration of the Contract	54 months

Addendum	Addendum No. 1 was signed on May 15 th 2023 due to a change in key personnel due to engagement in other projects. The value of the contract and the duration of the contract remained unchanged.
	Addendum no. 2 is being prepared.
TECHNICAL SUPPORT SERVICES	
Consultant	ARUP d.o.o. Beograd
Contract Number	JPAC 1370-E-728-22 signed on December 8 th 2022.
Contract Value	EUR 844.150 excluding VAT
Duration of the Contract	54 months

CONSTRUCTION SITE ACTIVITIES IN THE REPORTING PERIOD	
Description of completed works	
<p>Works on the route for approx. 15 kilometers. Excavation works, subsoil replacement and embankments construction are in progress.</p> <p>Ozimica interchange - works on the embankment construction and interchange ramp. Due to the collision with the electrical installations on the interchange, the work intensity is currently lower.</p> <p>Rest areas Galovac and Tugovići - subsoil replacement works at both rest areas.</p> <p>Regulation of the river bed - Making a bed with gabion baskets as a regulation of the river Strupina. In Tešanj, work on the regulation of the river Trebačka and Tešanjka is planned, where preparatory and excavation works are in progress.</p> <p>Bridges – Eight large structures</p> <p>M1 – foundation started</p> <p>M2 – span construction designed</p> <p>M3 – Span construction in progress</p> <p>M4 – works have not started.</p> <p>M5 – works on the foundations</p> <p>M6 – production of columns and preparation for works on the span structure</p> <p>M7 – works on the span structure completed.</p> <p>M8 – Preparation for construction of the span structure in progress.</p> <p>Tunnel Crni Vrh - completed works on the construction of portal structures, excavation works in progress only on the south side. Preparation for the start of tunneling from the north side. Drilled 130 meters of right and 100 meters of left pipe.</p> <p>Local roads and smaller bridges - during the execution of works on the motorway route, works on local roads will take place in parallel.</p> <p>Hydrotechnical facilities - the construction of these facilities is in progress, the construction of all culverts on the route has been completed.</p> <p>Underpasses and overpasses - during the execution of works on the motorway route, works on these facilities will take place in parallel.</p> <p>Electro collisions - during the relocation of telecommunication installations, Sn, LV and Vn on the entire route. After the expropriation process is completed, works will begin on the relocation of the 110kV transmission line, 13 pole positions and 2,500 km of route.</p> <p>Grillage structures - in progress on two slopes, the others have not started due to the preparation of documentation</p>	

according to the Rulebook on Geotechnical Missions.

Current challenges regarding project implementation and measures taken

Solving collisions expropriation, mostly the relocation of electrical installations on the entire route. Most of the studies are with the municipalities, but due to slow procedures and the work of municipal authorities, there is a long waiting period for issuing expropriation decisions.

The party, Sinanović Ilija, has refused to leave the expropriated plots for the past 9 months. Although an agreement was signed that he would vacate the property by September 2023, the building is still occupied, and the contractor cannot commence work on this section. An additional project has been developed to relocate electrical installations in the courtyard of the occupied plot so that the work on relocating the installations, and later on the route, can continue.

The route passes through three municipalities, with frequent complaints from local residents about dust, mud, and machinery, as well as requests for the expropriation of buildings that are near the motorway. JPAC, in constant contact with municipal representatives and the supervision team, is trying to alleviate the pressure on the project through the contractor.

Problems with project solutions: the contractor frequently informs the Investor and the supervision team about issues in the project documentation, lack of data and solutions that are not applicable to the terrain conditions. Slow responses from the designer, which creates a significant problem for the progress of field works.

Replacement of supervisory engineers who are neither qualified nor have provided the level of service required by the Contract. After multiple requests from the Investor for the replacement of key engineers on the project who did not meet contractual requirements, a new team of key engineering staff was proposed and accepted on a probationary period in mid-April. A certain amount of time is needed for the team to acclimate to the project, which has caused delays in numerous responses from the supervision team.

If the new key personnel meet the contractual conditions and the tasks assigned to them.

Number of workers	April: 507	May: 538	June: 577
Number of hired subcontractors	April: 7	May: 7	June: 7

PROJECT IMPLEMENTATION COSTS			
Interim (payment) certificate	Payment date	Amount in EUR excluding VAT	Amount in EUR including VAT
WORKS - CENGİZ İNŞAAT SANAYİ VE TİCARET A			
ΣPS 7	until 31/03/2024	54.828.064,71	64.148.835,71
PS 8	15/04/2024	3.758.317,04	4.397.230,94
PS 9	29/04/2024	3.959.150,05	4.632.205,56
PS 10	03/06/2024	4.869.307,24	5.697.089,47
Q2	01/04-30/06/2024	12.586.774,33	14.726.525,97
WORKS IN TOTAL	until 30/06/2024	67.414.839,04	78.875.361,68
SUPERVISION-Consortium: YUKSEL PROJE A.S.			
Σ PS 8	until 31/03/2024	651.915,13	762.740,70
Q2	01/04-30/06/2024	0,00	0,00
SUPERVISION IN TOTAL	until 30/06/2024	651.915,13	762.740,70
Consulting services to support the implementation and monitoring of protection measures for the Motorway Project on Corridor Vc, Medakovo-Poprikuše section - Arup doo Belgrade			
Σ PS 12	until 31/03/2024	132.140,53	154.604,42
PS 13	10/5/2024	24.916,76	29.152,61
PS 14	20/5/2024	19.015,00	22.247,55
PS 15	19/6/2024	20.541,47	24.033,52
Q2	01/04-30/06/2024	64.473,23	75.433,68
Consulting services to support the implementation and monitoring of protection measures for the Vc Corridor Motorway Project TOTAL		196.613,76	230.038,10
TOTAL PROJECT IMPLEMENTATION COSTS PAID UNTIL JUNE 30th 2024		68.263.367,93	79.868.140,48

RECAPITULATION OF FUNDING SOURCES		
FUNDING SOURCE	TYPE OF EXPENSE	AMOUNT
EIB 91,682	WORKS	67.414.839,04
Own funds	SUPERVISION	651.915,13
Own funds	Consulting services to support the implementation and monitoring of protection measures for the Corridor Vc Motorway Project	196.613,76
TOTAL		68.263.367,93

Note: The monitoring services were paid for from own funds to enable subsequent reimbursement of service costs from the EIB.

SECTION OZIMICA – POPRIKUŠE
TECHNICAL DESCRIPTION
<p>The length of the section is 12.8 km. The section from Ozimice to Tatarbudžak is in the corridor of the route that was previously adopted by the local community. From Tatarbudžak, the route descends to the area of the Šećin Han settlement between the main road and railway corridor on one side and the Bosna River bed on the other. Further on, the route follows mainly that corridor until the starting point of the next section Poprikuše – Zenica North. The route touches the settlements of Varišiste, Šećin Han, Brezovo polje and ends in Golubinja. Interchange Poprikuše is planned to be built at the very junction of the two sections. In total, 10 bridges are planned on the route, while larger and more demanding structures are designed over the Bosna River bed, the main road and the railway line. The route includes four tunnels and one rest area.</p>
FUNDING
<p>EIB, Agreement Number 91.682</p> <p>EU grant, applied for in the Sixth WBIF call, but due to the level of readiness of the project, the application will be repeated in the next WBIF call.</p>
PROJECT DOCUMENTATION
<p>The Preliminary Design has been completed. Detailed Design and Detailed Design Revision have also been completed.</p>
CONSENTS AND PERMITS
<p>In September 2019, the FBiH Ministry of Environment and Tourism issued the Environmental permit for the total LOT 2 Dobož South (Karuše) - Sarajevo North.</p> <p>Request for issuing the urban permit will be submitted after the selected Designer, who is in charge for preparation of the Detailed Design, unites and completes the previously completed project documentation together with the new one, with the aim of unobstructed obtaining of all permits. The request for an urban planning permit has not yet been submitted.</p> <p>The building permit will be obtained after meeting the legal requirements, which implies a revised detailed design and the completion of the expropriation procedure.</p>
EXPROPRIATION
<p>The expropriation procedure in the Municipality of Žepče was initiated on the basis of available expropriation studies along the entire section which is 12.8 km long including additional surveys and extension of the route. Out of 598 plots included in 8 cadastral municipalities in Žepče, 362 plots were expropriated. The total number of cases on this section is 325, of which 202 cases have been closed. A total of 62,15% of the surface area included in the expropriation study was expropriated.</p>

PROCUREMENT – SERVICES

Contractor Services

Type of procedure: Competitive

The decision to initiate a procedure was brought on April 6th 2022. The amended Decision was adopted on February 2nd 2023. The deadline for submission of bids was September 29th 2023. Technical and financial offers are open. The evaluation of financial offers is in progress.

Supervision Services

Type of procedure: Competitive

The decision to initiate a procedure was brought on April 6th 2022. The call for expressions of interest was published on May 23rd 2022, the deadline for submitting applications was July 6th 2022. The evaluation of the applications was completed and the audited report was sent to the bank for approval on August 18th 2022. The bank's consent was obtained on September 7th 2022. The participants were notified on September 8th 2022. The preparation of the call for bids was completed, and after obtaining the Bank's approval on January 26th 2023, the call was published on February 14th 2023. The deadline for submission of application was April 14th 2023. The evaluation of financial offers is in the final stage.

SUBSECTION POPRIKUŠE – NEMILA	
TECHNICAL DESCRIPTION	
<p>The start of the section is in the immediate vicinity of the Poprikuše settlement, south of the town of Žepče. The route starts with the bridge over the Bosna River, the Poprikuša interchange, continues via the viaduct over the M17 main road, and enters the Golubinja tunnel approx. 3.5 km long. After exiting the Golubinja tunnel, the route again crosses the M17 main road and the Bosna River with approx. 220 m long bridge, and the railway line with approx. 110 m long viaduct. After the mentioned viaduct, the route ends and connects the next section. The total length of the route is approximately 5.5 km.</p>	
Funding	EIB Agreement Number 89.502
	EBRD Agreement number 49058
	EU Grant number WB-IG04-BIH-TRA-02
Number and date of the environmental permit	No.: UPI 05/2-23-11-144/19 dated September 27 th 2019.
Number and date of the urban permit	No.: UPI/03-23-2-325/18 dated November 29 th 2018. Amended urban permit Nr. UPI/03-23-2-325/18 dated January 7 th 2022.
Number and date of the building permit	No.: UPI/03-19-2-126/22 dated July 11 th 2022.
CONSTRUCTION WORKS	
Contractor	Cengiz İnşaat Sanayi ve Ticaret A.S.
Contract Number	JPAC 990-B99-18 dated November 16 th 2020
Contract Value	EUR 251.100.305,40 excluding VAT
Construction deadline	42 months, i.e. May 2024
Addendum	Addendum No. 1 was signed on January 23 rd 2024. The contracted amount was increased to EUR 251,100,305.40 excluding VAT, or EUR 293,787,357.32 including VAT. The expected completion of the works is extended by an additional 182 days. The revised deadline for the completion of the works is a total of 1462 days, i.e. December 8 th 2024.

SUPERVISION SERVICES	
Consultant	IRD Engineering S.r.l.
Contract Number	JPAC 988-E506-18 dated April 29 th 2020.
Contract Value	EUR 214.495,73 excluding VAT
Duration of the Contract	67 months
Addendum	Addendum No. 1 was signed on October 6 th 2021. The agreed price was increased for the amount of EUR 48,000.00 excluding VAT due to the hiring of a Social Expert in order to provide the adequate consulting services regarding the social issues during the construction of Poprikuša - Nemila section. The value of the contract is now EUR 4.488.000,00 excluding VAT or EUR 5.250.960,00 including VAT.
	Addendum No. 2 is in the process of approval by the Bank.

PIU TECHNICAL ASSISTANCE	
Consultant	Joint Venture: Hill International NV and OMEK Consulting Engineers S.A.
Contract Number	JPAC 989-E507-18 dated July 22 nd 2020
Contract Value	EUR 1.189.301 excluding VAT
Duration of the Contract	67 months
Addendum	Addendum No. 1 was signed on October 5 th 2023. Apart from the change of Key Personnel, there were no other changes related to the organization and financial items of the Contract.

CONSTRUCTION SITE ACTIVITIES IN THE REPORTING PERIOD

Description of completed works

Tunnel Golubinja Excavation and primary support, construction of invert arch, foundation and secondary lining, waterproofing and drainage of rock water, drainage of water from the road inside the tunnel.

Motorway route: km 12+600 - km 12+790 - Installation of storm sewer collectors and inspection manholes.

Slope protection at the end of the route 13+200 km - 13+400 km – construction of horizontal drainage, installation of MAC drain networks, and shotcreting between piles; slope protection at the end of the route 13+000 km - 13+200 km – excavation works, installation of rod anchors, reinforcement meshes, and sprayed concrete.

Golubinja 1 bridge: Installation of cable supports

Golubinja 2 bridge: Construction of embankment and wedge U2L, installation of cable supports.

Kovanići overpass: Construction of wedge and embankment on abutments U2L and U2D, construction of AB transition plates U2L and U2D, installation of cable supports

Toll booth: Installation of storm sewer collectors and inspection manholes.

Traffic Control Center: Installation of storm sewer collectors and inspection manholes.

Note: The Contractor sent a letter no. Ref: P-N/Eng. 24/473 dated 28.06.2024 and submitted a Claim for for the period from 31.05.2023 until the end of the completion of the works for the reimbursement of additional costs in accordance with Annex 1 of the Contract, Article 4. The contractor is claiming 52,037,576.41 Euros and an extension of the time for the completion of works by 266 days, until 30.08.2025.

With the letter FBiH016-IRD24-F01-1-503, the Engineer submitted the Engineer's quantum report regarding claim No. 5 for works that were performed in the period in B from 01.06.2023 to 31.05.2024. The estimated value of the works for the period from 01.06.2023 to 31.05.2024 is EUR 10, 287,555.00 Euro.

The Contractor's claim also includes the assumed costs or expenses that the Contractor may incur or are likely to incur in carrying out the remaining 230.8 m of tunnel excavation, which was left at the time of the submission of the claim. Given that this approach is not in accordance with the relevant provisions of the contract, in particular with the definition of 'Costs' relating to reasonably incurred expenditures, the Engineer in this report has considered only the costs incurred in carrying out the works until 31.05.2024.

The Engineer's assessment is ongoing and will be completed upon completion of the excavation. It is estimated that the value of additional costs for the period from 01.06.2024 until the end of the excavation and construction of the secondary substructure of the tunnel will be in the amount of 20,475,000.00 Euros.

Current challenges regarding project implementation and measures taken

Challenges:

Tunnel excavation and primary construction:

Current geological conditions are very demanding, and for stabilization the strongest structural support system is used. Change of deformation (convergence) in the tunnel is up to 20 centimeters. On the basis of these data it can be concluded that the tunnel is at the bottom of the scale of construction capabilities according to NATM regulations.

Contractor's claim No. 5 was submitted in July 2022 due to unpredictable geological conditions and errors in the Employer's requirements in the Tunnel Golubinja. Receivables were approved for the time and costs of the contract extension. This includes the period from the start of excavation works and activities on the construction of the primary substructure, from March 2021 to the end of May 2023.

2. The sliding scale of prices represents a concern as the indices are extremely elevated.

3. Material procurement: The Contractor at the moment has no problems with the procurement of materials that could result from the war in Ukraine. Problems that occur are caused by the constant and enormous increase in prices, so that certain suppliers are unable to deliver ordered materials.

Measures taken:

1. Works on the primary structure and tunnel excavation are carried out in accordance with the specified geological conditions and project documentation. If necessary, all additional costs and time required to complete the remaining works in the Tunnel Golubinja, related to unforeseen works in claim 5 for the period from June 2023 until the completion of works, will be determined in accordance with the Contract and the methodology established by the Engineer in the claim. 5. There is a risk that unforeseen works will be increased and that additional time and expense will be required.
2. Budget provided for price adjustments in addendum 1 of the contract.
3. Problems with material procurement do not influence the dynamics of work, as the Contractor has agreements with several suppliers, and the payment is generally made in advance.

Number of workers	April: 329	May: 316	June: 322
Number of hired subcontractors	April: 32	May: 32	June: 32

PROJECT IMPLEMENTATION COSTS			
Interim (payment) certificate	Payment date	Amount in EUR excluding VAT	Amount in EUR including VAT
WORKS - Cengiz İnşaat Sanayi Ve Ticaret A.S.			
Σ1-37	until 31/03/2024	191.878.496,52	224.497.840,93
PS 38	26/04/2024	4.529.852,65	5.299.927,60
PS 39	20/05/2024	4.045.637,81	4.733.396,24
PS 40	19/06/2024	5.308.949,10	6.211.470,45
Q2	01/04-30/06/2024	13.884.439,56	16.244.794,29
WORKS IN TOTAL	until 30/06/2024	205.762.936,08	240.742.635,21
SUPERVISION-IRD Engineering SRL			
Σ1-36	until 31/03/2024	3.774.110,96	4.415.709,82
PS 37	14/05/2024	86.688,16	101.425,15
PS 38	14/05/2024	194.172,37	227.181,67
Q2	01/04-30/06/2024	280.860,53	328.606,82
SUPERVISION IN TOTAL	until 30/06/2024	4.054.971,49	4.744.316,64

TA-Joint Venture: Hill International N.V. and OMEK Consulting Engineers S.A.			
Σ1-33	until 31/03/2024	619.487,97	724.800,92
PS 34	10/05/2024	19.643,96	22.983,43
PS 35	20/05/2024	20.161,68	23.589,17
PS 36	19/06/2024	20.161,68	23.589,17
Q2	01/04-30/06/2024	59.967,32	70.161,76
TOTAL TA	until 30/06/2024	679.455,29	794.962,69
TOTAL PROJECT IMPLEMENTATION COSTS PAID UNTIL JUNE 30th 2024		210.497.362,86	246.281.914,55

RECAPITULATION OF FUNDING SOURCES		
FUNDING SOURCE	TYPE OF EXPENSE	AMOUNT
EBRD no. 49058	WORKS	63.869.123,38
EBRD Grant	WORKS	36.074.000,00
EIB No. 89.502	WORKS	76.241.413,45
Own funds	WORKS	29.578.399,25
WBIF Grant	SUPERVISION	4.054.971,49
WBIF Grant for TA component	TA	562.000,00
Own funds	TA	117.455,29
TOTAL		210.497.362,86

Note: The technical assistance services were paid from own funds to enable the reimbursement of service costs from the WBIF grant, and after signing the addendum to the Technical Assistance Grant Agreement with the EBRD.

SUBSECTION NEMILA – VRANDUK	
TECHNICAL DESCRIPTION	
The length of the section is 5.6 km. Among the constructions on this section, there is Stara Stanica Viaduct, four underpasses with the displacement of local roads and the extended bridge at the entrance to the Nemila settlement. Then, there is the relocation of the main road M-17 in a length of about 3.6 km and Bosna riverbed regulation.	
Funding	Kuwait Fund for Arab Economic Development, Contract No. 1012 (KFAED)
Number and date of the environmental permit	No: UPI 05/2-23-11-144/19 dated September 27 th 2019.
Number and date of the urban permit	No: UPI 03-23-2-384/18 dated January 14 th 2019.
Number and date of the building permit	No: UPI 03-19-2-172/21 dated September 14 th 2021.
CONSTRUCTION WORKS	
Contractor	HGG İnşaat Anonim Sirketi
Contract Number	JPAC 1084-B104-19 dated February 28 th 2022
Contract Value	EUR 55.518.401,71 excluding VAT
Construction deadline	24 months
Addendum	Addendum No. 1 was signed on August 12 th 2022. The Contractor undertook to complete all the works on Section 2 within 730 days from the starting date which is equal to the time needed to complete the works on Section 1.
	Addendum No. 2 was signed on May 19 th 2023, and it refers to the additional financing by KFAED, in the amount of 809,376 KM excluding VAT, i.e. EUR 413.827,38 excluding VAT because of the works under the Friendly Environment Program with the City of Zenica.
	Addendum No. 3 was signed on January 19 th 2024, refers to the extension of the Deadline for completion of the Work for additional 132 days, due to additional works on rehabilitation of Oglavak landslide.
	In the following period, preparation and signing of Addendum no. 4 with the Contractor is planned. The new addendum will include the Works on the construction of the Stara Stanica tunnel and will define the deadline for the completion of work within this project.

SUPERVISION SERVICES	
Consultant	Adel Al-Obaid Engineering Consultants and Ipsa Institut d.o.o.
Contract Number	JPAC 956-E487-18 dated August 25 th 2021.
Contract Value	EUR 1.282.500 excluding VAT
Duration of the Contract	50 months
Addendum	Addendum No. 1 was signed on June 26 th 2022. The purpose of the Addendum No.1 is of an administrative nature for easier and faster operations, whereby the EUR bank accounts of the leading consultant member and the Giro account of the VAT representative (BAM) were changed, and new bank accounts were submitted to the client.
	Addendum no. 2 is being prepared.

CONSTRUCTION SITE ACTIVITIES IN THE REPORTING PERIOD
Description of completed works
<p>In the past reporting period, construction works on the project for relocation of the M17 main road and construction of the motorway route were completed. The main works include the completion of pavement constructions, earthworks, construction of buildings and works on the regulation of the riverbed of the Bosna River. As for the pavement structures, the buffer layer was completed between profiles P66a and P195, totaling 15,248.82 m³. The first and second layers of asphalt were also completed between the same profiles, with a total area of 25,522.15 m² for each layer. Also, the asphalt filling between the existing asphalt and the proposed curb between profiles P194 and P208 was completed. Earthworks continued on the relocated section of the M17 and motorway, including preparatory works such as cleaning and clearing of the terrain. The backfilling of the rear sides of retaining walls M17-1, M17-2, M17-3, and M17-4 has been completed. The cutting and filling works were carried out between profiles P143 and P164. Excavation and reinforcement of the embankment with stone material was carried out from profile P12 to P19. On the other side of the river, excavation and filling works were carried out between profiles P142 and P169, P170 and P176, and P66 and P72. The surface layer of soil in front of the retaining walls AC-1 and AC-2 was also filled, and the surface layer of soil was applied to the relocated M17 road, followed by its maintenance after grass seeding.</p> <p>The construction of the facilities included the completion of the M17-4 retaining wall up to the connection to the existing M17 motorway between profiles P179 and P192. AB construction of underbridge has been built "Nemila North" and "Rest area" as well as pipe culverts and arch culverts under motorway body and relocated main road. AB retaining walls M17-1, M17-3 and M17-4 are completed, while retaining wall M17-2 is 98% completed. Also, AB works relating to regulation of the Nemila riverbed were finished, and AB retaining walls Z4 and Z5 near the existing bridge in Nemila were finished</p>

Works relating to regulation of the riverbed of the Bosna River have also made significant progress. The construction work on retaining walls Z2.1 and Z2.2 has been completed, including the foundation and wall structure. Construction of the retaining wall Z4 and Z5 has also been completed. The expansion of the bridge over the Bosna River on the regional road in the settlement of Nemila has been completed, including the backfilling for the transition slab and the installation of parapets, while the work on the sidewalk is still in progress. Excavation work was carried out for the regulation of the riverbed between profiles P74 and P88, and P89 and P94. Works on the buffer (119.86 m³), asphalt base (236.04 m²), and the wearing layer on the extension of the Nemila bridge have been completed.

Current challenges regarding project implementation and measures taken

Challenges: The works are being carried out near the existing main, regional and local road with heavy traffic. Very demanding and potentially dangerous terrain on which Slope stabilization works are carried out.

Measures taken: The necessary Studies on temporary traffic regulation were prepared, the approvals of the competent ministries were obtained. Construction zones are properly marked by traffic equipment and signalisation. Constant team monitoring of H&S managers hired by the Contractor and the Supervisory team.

Challenges: Works on the tunnel and slope protection in the immediate vicinity of residential buildings (houses) in the Stara Stanica part of the settlement to be carried out.

Measures taken: This issue was resolved by building a newly designed tunnel, in order to avoid the direct impact of the motorway on these residential buildings.

Challenges: Planned work concerning the regulation of the Bosna River through the Nemila. It is one of the largest watercourses in BiH, which often overflows and causes flooding in this locality.

Measures taken: The Detailed Design for the regulation of the Bosna River with all the necessary technical solutions and measures for protection from flooding of the hundred-year-old water courses has been prepared.

Challenges: Carrying out works on part of the detected landslide above the existing M17 main road.

Measures taken: The necessary project documentation has been prepared, according to which the works are carried out.

Number of workers	April: 161	May: 168	June: 176
Number of hired subcontractors	April: 6	May: 6	June: 6

PROJECT IMPLEMENTATION COSTS			
Interim (payment) certificate	Payment date	Amount in EUR excluding VAT	Amount in EUR including VAT
WORKS - HGG İnşaat Anonim Sirketi			
Σ1-20	until 31/03/2024	28.709.170,19	33.589.729,12
PS 21	16/04/2024	788.612,94	922.677,14
PS 22	29/05/2024	985.210,48	1.152.696,26
Q2	01/04-30/06/2024	1.773.823,42	2.075.373,40
WORKS IN TOTAL	until 30/06/2024	30.482.993,61	35.665.102,52
SUPERVISION-Adel Al-Obaid Engineering Consultants and Ipsa Institute d.o.o.			
Σ1-21	until 31/03/2024	927.909,95	1.085.654,64
PS 22	02/04/2024	49.613,95	58.048,32
PS 23	25/04/2024	51.987,58	60.825,47
Q2	01/04-30/06/2024	101.601,53	118.873,79
SUPERVISION IN TOTAL	until 30/06/2024	1.029.511,48	1.204.528,43
TOTAL PROJECT IMPLEMENTATION COSTS PAID UNTIL JUNE 30th 2024		31.512.505,09	36.869.630,96

RECAPITULATION OF FUNDING SOURCES		
FUNDING SOURCE	TYPE OF EXPENSE	AMOUNT
KFAED no. 1012	WORKS	30.482.993,61
KFAED no. 1012	SUPERVISION	1.029.511,48
TOTAL		31.512.505,09

SUBSECTION VRANDUK - PONIRAK	
TECHNICAL DESCRIPTION	
<p>The total length of the section according to the project is 5.3 km. Due to the highly demanding and complex terrain configuration and the mentioned limiting factors, a total of six structures have been designed on subsection II, including one tunnel, "Vranduk," two bridges, Vranduk 1 and Vranduk 2, and three viaducts, "Crni Potok," "Koprivna 1," and "Koprivna 2." The specificity of the route is that the left and right carriageways of the motorway are separated in plan and height due to the fact that the motorway stretches through a very steep slope. Most of the motorway is located in a cut, which is why a significant number of high retaining walls have been designed, which will be built using reinforced earth technology.</p>	
Funding	OFID loan number 12665P
	OFID loan number 12665PB
Number and date of the environmental permit	No: UPI 05/2-23-11-144/19 dated September 27 th 2019.
Number and date of the building permit	No: UPI/03-23-2-356/18 dated April 9 th 2019
CONSTRUCTION WORKS	
Contractor	Consortium AZVIRT L.L.C. and HERING d.d.
Contract Number	JPAC 848-B82-17 dated May 15 th 2019
Contract Value	EUR 131.152.289,25 excluding VAT
Construction deadline	<p>24 months, i.e. August 2021</p> <p>Addendum no. 1 for the extension of the deadline for the execution of works by 426 days.</p> <p>Addendum no. 2 for the extension of the deadline by 388 days according to Variation Order No. 18.</p> <p>The new deadline for the completion of the contract is November 2023. An addendum no. 3 to extend the deadline for the execution of works by an additional 388 days, without changing the financial value of the contract. The total time for the execution of works on this section has now increased to 1544 days. The contract was signed on March 20th 2023.</p> <p>Addendum No. 4 signed on January 26th 2024, between the Contractor and the Client defined a new deadline for the completion of the works on March 31st 2026.</p>

Addendum	<p>Addendum No. 1 was signed on June 17th 2022 with the contractor. Addendum No. 1 postpones the deadline for the completion of works by an additional 426 days.</p> <p>Addendum No. 2 was signed on March 20th 2023. Addendum No. 2 postpones the deadline for the completion of works by additional 388 days.</p> <p>Addendum No. 3 was signed on April 26th 2023. Addendum No. 3 postpones the deadline for the completion of works by additional 388 days.</p> <p>Addendum No. 4 was signed on January 26th 2024 between the contractor and the client. Addendum No. 4 defines the deadline for the completion of the works, which is March 21st 2026.</p>
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SUPERVISION SERVICES	
Consultant	Consortium DRI Upravljanje investicijama d.o.o.– DIVEL d.o.o
Contract Number	JPAC 849-E440-17 dated May 8 th 2019.
Contract Value	The new value of the contract after signing Addendum no. 3 amounts to EUR 6,241,044.05 excluding VAT.
Duration of the Contract	<p>24 months + 24 months defects notification period (DNP) + 426 days per Variation No. 18. It was signed for the purpose of extending the deadline for consulting services. The total duration of the contract is now 66 months.</p> <p>Addendum 2 extends the deadline for consulting services, and the new term for the execution of these services is 78 months.</p> <p>Addendum 2 extends the deadline for consulting services, and the new term for the execution of these services is 106 months.</p>
Addendum	<p>Addendum no. 1 signed on February 1st 2022 which defined the value of the contract in the amount of EUR 3,006,849.71 excluding VAT with a total duration of 66 months.</p> <p>Addendum 2 was signed to extend the deadline for consulting services, and the new term for the execution of these services is 78 months. Also, the contract price has been changed and is now EUR 3.867.617,64 excluding VAT.</p> <p>Addendum 3 was signed to extend the deadline for consulting services, and the new term for the execution of these services is 106 months. Also, the contract price has been changed and is now EUR 6.241.044,05 excluding VAT.</p>
PROJECT MANAGEMENT SERVICES	
Consultant	Institut za građevinarstvo IG d.o.o. Banja Luka and Saraj inženjering d.o.o. Sarajevo

Contract Number	JPAC-1219-E637-20 dated June 23 rd 2020
Contract Value	857.000 BAM (excluding VAT)
Duration of the Contract	24 months

CONSTRUCTION SITE ACTIVITIES IN THE REPORTING PERIOD

Description of completed works

Route:

Sector 1: In the past reporting period, significant progress was made in the execution of works in Sector 1, including the excavation of hard rock, geotechnical work, slope protection, clearing access roads, and work on the perimeter canal. In Section 1, hard rock excavation was carried out using a hydraulic hammer at several locations, including stations 0+750 - 0+810, 2nd slope, 2nd step; 0+550 - 0+600 and 0+800 - 0+930, 2nd slope, 2nd step; and 0+770 - 0+800, 2nd slope, 1st step. Drilling and installation of IBO 51 anchors were carried out at stations 0+660 - 0+675 and 0+710 - 0+790, 1st and 2nd slopes, 1st step, with 76 pieces 18 meters long and 18 pieces 24 meters long. Injection of IBO 51 anchors was performed at stations 0+580 - 0+600, 0+705 - 0+745, and 0+915 - 0+935, 1st and 2nd slopes, 1st step, with 44 pieces 18 meters long, 22 pieces 21 meters long, and 2 pieces 24 meters long. In Section 2, hard rock excavation using a hydraulic hammer was carried out at station 1+080 - 1+130, 1st slope, 2nd step. At stations from 1+182.55 to 1+299.43, works were carried out on the assembly of formwork, reinforcement and concreting of the perimeter canal, at stations 1+220 - 1+230.

Sector 6: In the past reporting period, progress was made in the execution of works in Sector 6, including material excavation, drilling, blasting, anchor installation, slope protection, and concreting. In Section 3, material excavation was carried out for the header beam of the piles. Drilling for blasting was carried out at station 3+675 - 3+730, 3rd slope, 1st step, as well as blasting of the excavation at the 3rd slope. Also, drilling and installation of SN25 anchors, each 12 meters long (42 pieces), were completed at stations 3+640 - 3+735, 2nd slope, 2nd step. Injection of SN25 anchors of the same length was carried out at stations 3+660 - 3+700, 2nd slope, 2nd step. In Section 4, material excavation for the W wall foundations was completed, along with shortening of piles, cleaning and adjusting of reinforcement, and the preparation of the base concrete for the foundations. Excavation of material for the temporary slope was carried out at stations 3+900 - 3+920, 3+940 - 3+970, 1st slope, 1st step, and at stations 3+920 - 3+950, 1st slope, 2nd step. Also, drilling, installation of reinforcement basket and concreting of piles P3, P6 and P7 were carried out. Slope protection was carried out by installing a third layer of shotcrete at stations 3+940 - 3+970, 2nd slope, 2nd step. The temporary slope was protected with the installation of the first layer of shotcrete at stations 3+745 - 3+790. Formwork assembly, reinforcement installation, and concreting of the perimeter canal were completed at stations 3+750 - 3+780. Also, protection of the first berm was carried out, along with the construction of the berm channel and the installation of an inclinometer.

Sector 7: In the past reporting period, progress was made in the execution of works in Sector 7, including slope protection, material excavation, drilling, and the installation and injection of anchors. In Section 10, slope protection was carried out by installing the first, second, and third layers of shotcrete, as well as the first and second layers. Drilling and installation of IBO32 anchors, each 15 meters long, were completed at station 4+770 - 4+790. IBO51 anchors, each 10 meters long, were installed at the 2nd slope, 1st step, and anchors 24 meters long (at the 1st slope, 2nd step, at station 4+790 - 4+810. Injection of IBO32 anchors, each 15 meters long, and IBO51 anchors, each 12 meters long, was carried out at station 3+930 - 3+950, 2nd slope, 2nd step. Drilling and installation of IBO32 anchors, each 12 meters long, were carried out at stations 4+930 - 4+965. In Section 11, hard rock excavation using a hydraulic hammer was carried out at station 5+290 - 5+320, 4th slope, 1st step. Slope protection was carried out by installing the first layer of shotcrete and the first layer of mesh at station 5+280 - 5+320, 4th slope, 1st step, while the protection of the second berm was completed at station 5+310 - 5+325.

Landfills:

Boški Potok: No activity.

Malinjak 2: Felling and removal of cut timber; Creation of access roads; Arrangement of the landfill; Removal of the temporary entrance structure of the culvert; Reinforcement and concreting of the culvert cladding.

Bridge Vranduk 1: No activity.

Bridge Vranduk 2: Geodetic survey of the completed condition of the upper edge of the span structure plate.

Viaduct Crni Potok: No activity. Work progress on Viaduct Crni Potok is at 71%.

Viaduct Koprivna 1: No activity

Viaduct 2 Construction of additional exploratory wells

Viaduct 3: No activity

Tunnel Vranduk: In the past reporting period, final works were completed, including the construction and installation of concrete covers for the cable channel and manholes of the central drainage system Prefabricated concrete slabs (covers) for the cable channel were built. After their manufacture, the slabs were placed at the appropriate height and fixed onto the manholes of the central drainage system.

Number of workers	April: 146	May: 162	June: 191
Number of hired subcontractors	April: 4	May: 4	June: 4

PROJECT IMPLEMENTATION COSTS			
Interim (payment) certificate	Payment date	Amount in EUR excluding VAT	Amount in EUR including VAT
WORKS - Consortium AZVIRT LLC and HERING d.d.			

Σ1-47	until 31/03/2024	66.388.690,46	77.674.767,84
PS 48	29/04/2024	273.214,59	319.661,07
PS 49	20/05/2024	612.976,14	717.182,08
PS 50	19/06/2024	1.632.804,71	1.910.381,51
Q2	01/04-30/06/2024	2.518.995,44	2.947.224,66
WORKS IN TOTAL	until 30/06/2024	68.907.685,90	80.621.992,50
SUPERVISION-Consortium DRI Upravljanje investicijama d.o.o.– DIVEL d.o.o			
Σ1-50	until 31/03/2024	3.827.399,75	4.478.057,71
PS 51	10/05/2024	37.387,98	43.743,94
PS 52	20/05/2024	66.047,34	77.275,39
PS 53	19/06/2024	81.464,11	95.313,01
Q2	01/04-30/06/2024	184.899,43	216.332,33
SUPERVISION IN TOTAL	until 30/06/2024	4.012.299,18	4.694.390,04
Project management services - Institut za građevinarstvo IG d.o.o. Banja Luka and Saraj inženjering d.o.o. Sarajevo			
Σ1-26	until 31/03/2024	246.730,21	288.674,35
Q1	01/04-30/06/2024	0,00	0,00
TOTAL TA	until 30/06/2024	246.730,21	288.674,35
TOTAL PROJECT IMPLEMENTATION COSTS PAID UNTIL JUNE 30th 2024		73.166.715,29	85.605.056,89

RECAPITULATION OF FUNDING SOURCES		
FUNDING SOURCE	TYPE OF EXPENSE	AMOUNT
OFID 12665P	WORKS	21.025.865,48
OFID 12663PB	WORKS	24.300.000,00
OFID 12665P	SUPERVISION	2.082.460,95
Own funds	WORKS	23.581.820,42
Own funds	SUPERVISION	1.929.838,23
Own funds	PROJECT MANAGEMENT	246.730,21
TOTAL		73.166.715,29

Note: The costs of works and supervision for the section Vranduk - Ponirak are paid from own funds and will be reimbursed from the OFID loan after it enters into legal effect.

SUBSECTION PONIRAK - VRACA	
TECHNICAL DESCRIPTION	
<p>The total length of the section is 2.65 km, and the main structure on this section is Tunnel Zenica, which makes up over 90% of the motorway route and consists of two tubes (the right tube is 2420 m long, and the left tube is 2475 m long). The anticipated excavation method is NATM (New Austrian Tunneling Method), which is very suitable considering the expected changes in geological and geotechnical conditions.</p>	
Funding	EIB contract no. 86.971
	EU grant Number WB-IG01-BIH-TRA-01a
Number and date of the environmental permit	No.: UPI 05/2-23-11-144/19 dated September 27 th 2019.
Number and date of the building permit	No.: UPI/03-23-2-385/18 dated February 18 th 2019 The amended building permit was issued by the Federal Ministry of Physical Planning on June 11 th 2021
CONSTRUCTION WORKS	
Contractor	Euro - Asfalt d.o.o. Sarajevo
Contract Number	JPAC 851- B83-17 dated August 1 st 2019
Contract Value	EUR 59.408.825,38 excluding VAT
Construction deadline	30 months, i.e. April 2022
Addendum	Addendum no. 1 was signed on September 20 th 2022. With this Addendum, the Tripartite Agreement signed on February 20 th 2020 is comes into force, based on the new Detailed Design of Zenica Tunnel, developed by the company "Yuksek Proje", Ankara, for which the amended construction permit was obtained:
	Addendum no. 2 was signed on September 20 th 2022. With this Addendum, the duration of the contract is extended by an additional 387 days, and the time for the completion of the contract has been revised to May 8 th 2023.
	Addendum no. 3 was signed on April 24 th 2023. This Addendum establishes the new estimated Contractual price and amounts to EUR 74.454.023,10 excluding VAT, i.e. EUR 87.111.207,00 including VAT.

	<p>Addendum no. 4 was signed on September 4th 2023. With this Addendum, the volume of work is divided into two parts A and B:</p> <ul style="list-style-type: none"> - Part A: In this part, the contract is extended after May 8th 2023 until October 31st 2023 and it is the "first partial deadline for completion" - Part B: The second part refers to the delay of electromechanical and related construction works until June 30th 2024 based on subsection 8.8. GCC - "Suspension of works" - works will be carried out within 6 months; thus postponing the "second partial completion deadline" of the project to December 31st 2024.
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SUPERVISION SERVICES	
Consultant	Consortium: PROYAPI Engineering and Consulting INC
Contract Number	JPAC 850-E441-17 signed on September 10 th 2019
Contract Value	EUR 1.918.400 excluding VAT
Duration of the Contract	54 months
Addendum	<p>Addendum No. 1 was signed on September 13th 2021 due to an increase in the contractual price by the amount of EUR 93,540.00, and now the value is EUR 2,011,940.00 excluding VAT or EUR 2,353,968.80 including VAT. The contractual price was increased due to the increased scope of works, all because of the extension of the tunnel, reorganization and change of the workforce and engagement of quality experts.</p>
	<p>Addendum No. 2 was signed on September 19th 2022 due to an increase in the contractual price by the amount of EUR 686,544.53, and now the value of the contract is EUR 2,698,484.53 excluding VAT or EUR 3,157,226.90 including VAT. The contractual price and time of consulting services are for the purpose of extending the deadline until August 5th 2023.</p>
	<p>Due to the increase in the contractual price by the amount of EUR 513,703.72, the value of the contract now amounts to EUR 3,212,188.25 excluding VAT. The contractual price and time of consulting services are for the purpose of extending the deadline until September 8th 2023. The Bank's consent to Addendum No. 3 has been submitted. Addendum signature procedure is in progress.</p>
	<p>Addendum no. 4 is being prepared.</p>

PIU TECHNICAL ASSISTANCE			
Consultant	Roughton International Ltd		
Contract Number	JPAC 936-E477-18; signed on March 22 nd 2019		
Contract Value	EUR 574.000 excluding VAT		
Duration of the Contract	57 months		
Addendum	Addendum No. 1 was signed on September 13 th 2021 as a result of the increase in the contractual price by the amount of EUR 14.860,00 excluding VAT due to the preparation of the analysis of cumulative impacts for the section Nemila - Donja Gračanica, and the value now amounts to EUR 588.860,00 excluding VAT or EUR 688.966,20 including VAT.		
	Addendum no. 2 is being prepared.		
CONSTRUCTION SITE ACTIVITIES IN THE REPORTING PERIOD			
Description of completed works			
- In the reporting period March – June 2024, the Contractor continued earlier activities, such as works on the construction of road construction in the stop niches, works on the construction of substations in the niches (PV4 and PV10), front wall DTC on electric, hydro and sos niches, installation of plates on the hydrant network channel, foundation of transformer station TS4 on the southern portal, installation of metalwork on hydrant niches in DTC, installation of manhole covers on the central collector in DTC and LTC, completed installation of cable racks, supports for adaptive tunnel lighting in LTC, completed installation of supports PPS in DTC and LTC, wired base and adaptive tunnel lighting in DTC/LTC, completed wiring of blue LED markers in DTC/LTC, completed cabling of red-white LED markers in DTC, completed panic lighting cabling in DTC, a significant part of the cabling of the "low current" system was completed, works on the cabling of the ventilation elements (heater, probe, signaling for vibrations) in DTC, works on cabling of ventilation sensor elements (air flow and CO) in DTC.			
Number of workers	April: 15	May: 31	June: 31
Number of hired subcontractors	April: /	May: /	June: /

PROJECT IMPLEMENTATION COSTS			
Interim (payment) certificate	Payment date	Amount in EUR excluding VAT	Amount in EUR including VAT
WORKS - Euro - Asfalt d.o.o. Sarajevo			
Σ1-51	until 31/03/2024	62.440.755,34	73.055.683,75
PS 52	26/4/2024	402.044,74	470.392,35
Q2	01/04-30/06/2024	402.044,74	470.392,35
WORKS IN TOTAL	until 30/06/2024	62.842.800,08	73.526.076,09
SUPERVISION-Consortium: PROYAPI Engineering and Consulting INC			
Σ1-51	until 31/03/2024	2.878.434,46	3.367.768,32
PS 52	10/5/2024	21.067,22	24.648,65
Q2	01/04-30/06/2024	21.067,22	24.648,65
SUPERVISION IN TOTAL	until 30/06/2024	2.899.501,68	3.392.416,97
TA-Roughton International Ltd			
Σ1-55	until 31/03/2024	588.860,00	688.966,20
Q2	01/04-30/06/2024	0,00	0,00
TOTAL TA	until 30/06/2024	588.860,00	688.966,20
Communication activities within the scope of construction promotion - Fabrika doo Sarajevo			
Σ Invoice 191-06/22, 406-11/22, 081-03/23	until 31/03/2024	49.623,48	58.059,47
Q2	01/04-30/06/2024	0,00	0,00
Communication activities within the construction promotion TOTAL		49.623,48	58.059,47
TOTAL PROJECT IMPLEMENTATION COSTS PAID UNTIL JUNE 30th 2024		66.380.785,24	77.607.459,26

RECAPITULATION OF FUNDING SOURCES		
FUNDING SOURCE	TYPE OF EXPENSE	AMOUNT
EIB No. 86.971	WORKS	31.999.999,99
WBIF Grant for INV component	WORKS	13.068.022,98
Own funds	WORKS	17.774.777,30
WBIF Grant for the com.activity component	Communication activities within the construction promotion	49.623,48
EIB Grant 91,856	SUPERVISION	2.070.017,45
Own funds	SUPERVISION	829.484,23
WBIF Grant for TA component	TA	70.491,26
Own funds	TA	518.368,74
TOTAL		66.380.785,43

Note: The costs of works, supervision services and technical assistance are pre-financed from own funds to enable subsequent reimbursement from the WBIF grant that will be implemented through the EIB.

SUBSECTION TUNNEL ZENICA - DONJA GRAČANICA

TECHNICAL DESCRIPTION

The total length of the section after the alteration of the route is 2.7 km. The construction of the following structures is planned: 1 tunnel (Hum), three viaducts (Viaduct on the interchange, Jelovik and Donja Gračanica), Zenica North interchange and toll booths. As a part of this section, the construction of a connecting road which will connect the city of Zenica with Corridor Vc is planned.

Funding	EBRD Agreement Number 47372
	EU Grant number WB-IG01-BIH-TRA-01b
Number and date of the environmental permit	No.: UPI 05/2-23-11-144/19 dated September 27 th 2019
Number and date of the building permit	No.: UPI/03-19-2-139/20 dated October 6 th 2020
	No.: UPI/03-23-2-268/19 dated December 9 th 2019
	No.: UPI/03-23-2-269/19 dated January 24 th 2020
	No.: UPI/03-19-2-54/21 dated May 24 th 2021
Number and date of use permits	No.: UPI/03-19-2-319/20 dated May 4 th 2021
	No.: UPI/03-19-2-321/20 dated July 14 th 2021
	No.: UPI/03-19-2-322/20 dated July 14 th 2021
	No.: 03-19-8733/20 dated January 24 th 2021
CONSTRUCTION WORKS	
Contractor	Cengiz İnşaat Sanayi ve Ticaret A.S.
Contract Number	JPAC 742-B73-16 dated November 8 th 2018
Contract Value	EUR 57.572.708,76 excluding VAT

Construction deadline	900 days or May 2021
Addendum	Addendum No. 1 was signed on February 18 th 2019 in order to comply with the new Law on Financial Operations and does not affect the contracted value.
	Addendum No. 2 was signed on June 17 th 2020 in order to change the route and does not affect the contracted price.
	Addendum No. 3 was signed on March 30 th 2022, due to the additional works, exempted works, claims and due to changes in the sliding scale.
SUPERVISION SERVICES	
Consultant	Consortium: Technital S.p.A (leader) and TZI Inžinjering d.o.o.
Contract Number	JPAC 744-E379-16 signed on July 31 st 2018
Contract Value	EUR 2.424.860 excluding VAT
Duration of the Contract	54 months
Addendum	Addendum No. 1 was signed on February 4 th 2019, and it refers to the change of business bank and does not affect the contracted value of services.
	Addendum No. 2 signed on March 17 th 2021, refers to the additional engagement of the Social Expert at the Bank's request, which affected the change in the contracted value of the services and it was increased by EUR 17,550 excluding VAT.
PIU TECHNICAL ASSISTANCE	
Consultant	IPSA Institute d.o.o. Sarajevo
Contract Number	JPAC 1057-E549-19 dated February 22 nd 2019
Contract Value	594.225,45 BAM
Duration of the Contract	54 months
CONSTRUCTION SITE ACTIVITIES IN THE REPORTING PERIOD	
Description of completed works	
Considering that the contract is in the phase of elimination of defects (DNP), there were no significant operations.	

PROJECT IMPLEMENTATION COSTS			
Interim (payment) certificate	Payment date	Amount in EUR excluding VAT	Amount in EUR including VAT
WORKS - Cengiz İnşaat Sanayi Ve Ticaret A.S.			
Σ1-31	until 31/03/2024	58.005.710,12	67.866.680,84
Q2	01/04-30/06/2024	0,00	0,00
WORKS IN TOTAL	until 30/06/2024	58.005.710,12	67.866.680,84
SUPERVISION-Technital S.p.A (leader) and TZI Inžinjering d.o.o.			
Σ1-30	until 31/03/2024	2.603.063,91	3.045.584,77
Q2	01/04-30/06/2024	0,00	0,00
SUPERVISION IN TOTAL	until 30/06/2024	2.603.063,91	3.045.584,77
TA-IPSA Institut Ltd. Sarajevo			
Σ1-34	until 31/03/2024	235.332,72	275.339,28
Q2	01/04-30/06/2024	0,00	0,00
TOTAL TA	until 30/06/2024	235.332,72	275.339,28
TOTAL PROJECT IMPLEMENTATION COSTS PAID UNTIL JUNE 30th 2024		60.844.106,75	71.187.604,90

RECAPITULATION OF FUNDING SOURCES		
FUNDING SOURCE	TYPE OF EXPENSE	AMOUNT
EBRD no. 47372	WORKS	50.651.189,42
EBRD no. 47372	SUPERVISION	1.101.614,70
WBIF Grant for INV component	WORKS	7.354.520,70
WBIF Grant for TA component	SUPERVISION	1.501.449,21
Own funds	TA	235.332,72
TOTAL		60.844.106,75

SUBSECTION KLOPČE - DONJA GRAČANICA

TECHNICAL DESCRIPTION

The total length of the section is approximately 5.8 km, and several important structures are located on it: on the first part of the route there are two viaducts (Klopče, Klopačke Stijene) and one tunnel (artificial tunnel Klopče), while for the second half it is characteristic that the opened route practically doesn't exist, but it is composed alternately of a total of three viaducts (Babina Rijeka with annex, Pehare, Ričice) and two mountain tunnels (Ričice, Pečuj). Part of this subsection includes the road on the right bank of the Bosna River with a roundabout, the junction with the M17, the Drivuša bridge and the route on the left bank of the Bosna River with the roundabout, connected to the R445.

Funding	OFID loan number 1588P and 1589BP
	EBRD loan number 48999
	Own funds
Number and date of the environmental permit	No. UPI05/2-23-11-4/14SS dated February 18 th 2014 The environmental permit was renewed by decision UPI 05/2-23-11-144/19 dated September 27 th 2019
Number and date of the building permit	NO. UPI/ 03-23-2-129/15 ID dated July 2 nd 2015 The building permit was amended and supplemented several times due to changes in the Detailed Design due to the impact of the landslide. Amendments: January 15 th 2019; September 13 th 2019; May 15 th 2020; May 30 th 2020
Number and date of use permits	UPI/03-19-2-318/20 dated April 12 th 2021

CONSTRUCTION WORKS

Contractor	JV Euro - Asfalt d.o.o. Sarajevo (leading partner) and Strabag A.G.
Contract Number	JPAC 608-B63-14 dated May 9 th 2016 (during the implementation of the Contract, 5 Addenda to the Contract were concluded)
Contract Value	EUR 92.204.519,61 excluding VAT Addendum No. 3 defined the estimate of the increase in the Contract amount to EUR 126.846.81,58 excluding VAT, this amount does not include an estimate of the correction value due to the change in costs (sliding scale, GCC subsection 13.8).
Construction deadline	900 days for section 1, 600 days for section 2 (Viaduct Pehare) which was extended by Addenda and the deadline for the completion of the works is November 2020 as defined by Addendum No. 4.

SUPERVISION SERVICES	
Consultant	Consortium Egis International and IPSA Institute d.o.o. Sarajevo
Contract Number	JPAC 609-E314-14 signed on May 7 th 2016 (during the implementation of the Contract, 5 Addenda to the Contract were concluded)
Contract Value	EUR 4.677.900 excluding VAT By Addendum no. 4, the contract value was estimated to EUR 7,256,005.00 excluding VAT.
Duration of the Contract	78 months
SECTION STATUS	
Section Drivuša - Klopče, Klopče - Donja Gračanica and the southern section of the Tunnel Zenica - Donja Gračanica form the Zenica bypass, which was opened for traffic on July 15 th 2021, after obtaining the use permits.	

PROJECT IMPLEMENTATION COSTS			
Interim (payment) certificate	Payment date	Amount in EUR excluding VAT	Amount in EUR including VAT
WORKS - JV Euro - Asphalt d.o.o. Sarajevo (leading partner) and Strabag A.G.			
Σ1-68	until 31/03/2024	142.870.395,33	167.158.362,54
Q2	01/04-30/06/2024	0,00	0,00
WORKS IN TOTAL	until 30/06/2024	142.870.395,33	167.158.362,54
SUPERVISION - Consortium Egis International and IPSA Institute d.o.o. Sarajevo			
Σ1-77	until 31/03/2024	7.631.201,74	8.928.506,04
Q2	01/04-30/06/2024	0,00	0,00
SUPERVISION IN TOTAL	until 30/06/2024	7.631.201,74	8.928.506,04
TOTAL PROJECT IMPLEMENTATION COSTS PAID UNTIL JUNE 30th 2024		150.501.597,07	176.086.868,57

RECAPITULATION OF FUNDING SOURCES		
FUNDING SOURCE	TYPE OF EXPENSE	AMOUNT
OFID A	WORKS	39.467.850,86
OFID B	WORKS	19.172.707,44
EBRD no. 48999	WORKS	64.922.012,62
Own funds	WORKS	19.307.824,41
OFID A	SUPERVISION	2.572.010,10
OFID B	SUPERVISION	4.827.292,56
Own funds	SUPERVISION	231.899,08
TOTAL		150.501.597,07

Note: Part of the costs were paid from own funds, as the loan funds were used up.

SUBSECTION DRIVUŠA - KLOPČE

TECHNICAL DESCRIPTION

The length of this section is 2.23 km. Significant structures on the route are the Drivuša Bridge, 650 meters long over the Bosna River and the Perin Han viaduct, approx. 400 meters.

Funding	KFAED Agreement Number 794
Number and date of the environmental permit	No.: UPI 05/2-23-11-4/14SS dated February 18 th 2014 The environmental permit was renewed by decision UPI 05/2-23-11-144/19 dated September 27 th 2019
Number and date of the building permit	No.: UPI/03-23-2-265/13 dated November 14 th 2013 Amendments to the building permit as of: May 30 th 2016; February 27 th 2017, September 22 nd 2017, November 20 th 2019
Number and date of use permits	No.: UPI/03-19-2-161/20 dated December 14 th 2020

CONSTRUCTION WORKS

Contractor	Hering d.d. Široko Brijeg
Contract Number	JPAC 373-A66-12 dated September 25 th 2014 (during the implementation of the Contract, 3 Addenda to the contract were concluded). The JPAC Management brought a decision on the adoption of Addendum No. 4.
Contract Value	EUR 28.656,28 excluding VAT was increased by Addendum No. 3 to EUR 30.966.891,28 excluding VAT. After signing Addendum No. 4, the value of the works will amount to EUR 30.999.467,17 excluding VAT
Construction deadline	900 days, i.e. January 2020

SUPERVISION SERVICES

Consultant	Consortium Divil d.o.o. and TAEP
Contract Number	JPAC 375-E71-12 dated September 23 rd 2014 (during the implementation of the Contract, 4 Addenda to the Contract were concluded).
Contract Value	EUR 2.169.500 excluding VAT was increased by Addendum number 4 to EUR 3.117.877,90 excluding VAT
Duration of the Contract	54 months which was extended by Addendum no. 3 for 75 months and 15 days

SECTION STATUS

Section Drivuša - Klopče, Klopče - Donja Gračanica and the southern section of the Tunnel Zenica - Donja Gračanica form the Zenica bypass, which was opened for traffic on July 15th 2021, after obtaining the use permits.

PROJECT IMPLEMENTATION COSTS			
Interim (payment) certificate	Payment date	Amount in EUR excluding VAT	Amount in EUR including VAT
WORKS - Hering dd Široki Brijeg			
Σ1-67	until 31/03/2024	30.999.542,17	36.269.464,34
Q2	01/04-30/06/2024	0,00	0,00
WORKS IN TOTAL	until 30/06/2024	30.999.542,17	36.269.464,34
SUPERVISION - Consortium Divel doo and TAEP			
Σ1-73	until 31/03/2024	3.117.877,17	3.647.916,29
Q2	01/04-30/06/2024	0,00	0,00
SUPERVISION IN TOTAL	until 30/06/2024	3.117.877,17	3.647.916,29
TOTAL PROJECT IMPLEMENTATION COSTS PAID UNTIL JUNE 30th 2024		34.117.419,34	39.917.380,63

RECAPITULATION OF FUNDING SOURCES		
FUNDING SOURCE	TYPE OF EXPENSE	AMOUNT
KFAED no. 794	WORKS	27.022.061,69
KFAED no. 794	SUPERVISION	2.996.814,35
Own funds	WORKS	3.977.480,48
Own funds	SUPERVISION	121.062,82
TOTAL		34.117.419,34

Note: Interim (payment) certificates were paid from own funds because the KFAED credit funds have already been used up.

5.3. LOT 3: TARČIN – MOSTAR NORTH



LOT 3 includes sections from Tarčin to Mostar North. An integral part of this LOT is the most demanding construction on Corridor Vc - Tunnel Prenj in the length of 10 kilometers. Section Tarčin - Ivan which includes the Tunnel Ivan, is under construction, while the other sections are in the preparation phase for implementation.

SUBSECTION TARČIN - ENTRANCE TO TUNNEL IVAN LOT 1	
TECHNICAL DESCRIPTION	
The 5.1 km long subsection is located in Sarajevo Canton. Two long viaducts Raštelica 1 and Raštelica 2 with a total length of 1150 m stand out on this subsection of the motorway.	
Funding	EIB Agreement Number 89.502
	EU grant WB-IG02-BIH-TRA-06
Number and date of the environmental permit	No.: UP-I-05/2-23-11-177/17 dated December 13 th 2017
Number and date of the building permit	No.: UPI/03-23-2-331/19 dated December 24 th 2019 Building permit supplement No.: UPI/03-23-2-331/19 dated July 5 th 2021
CONSTRUCTION WORKS	
Contractor	Consortium: Euro-Asfalt d.o.o. Sarajevo and Granit AD Skopje
Contract Number	JPAC 1132-B109-19 dated August 24 th 2020
Contract Value	EUR 66.584.028,92 excluding VAT
Construction deadline	20 months, i.e. March 2022 (the new deadline is August 2022)
Addendum	The JPAC Management brought a decision on the adoption of Addendum No. 1, which extends the deadline for the completion of the contract by 136 days and increases the value of the works. The new deadline for the completion of the works is September 15 th 2022. and the value of the works is 75.393.525,31 EUR excluding VAT. The addendum will be signed after obtaining the creditor's consent.
	Addendum no. 2 was signed on November 22 nd 2023, which increases the contract value of services to EUR 79.436.103,86 excl. VAT (estimated amount of the maximum amount that could be paid).

SUPERVISION SERVICES	
Consultant	Institute IGH d.d., Zagreb
Contract Number	JPAC 1113-E582-19 dated August 11 th 2020
Contract Value	EUR 2.098.260,00 excluding VAT.
Duration of the Contract	46 months (including defect elimination period)
Addendum	The JPAC Management passed the decision on the adoption of Addendum No. 1 which increases the contracted value of services by the amount of EUR 373.692,10 (excluding VAT) and the new contracted value of services is now EUR 2.471.952,10 excluding VAT, i.e. EUR 2.892.183,96 including VAT
	Addendum no. 2 was signed on March 14 th 2024. With the Addendum no. 2, the contracted value is increased by the amount of EUR 99,364.00 excluding VAT, due to the extension of the Contract on the Construction of the Motorway on Corridor Vc, and so is the deadline for providing supervision services. The new contract value is EUR 2,571,316.10 excluding VAT, or EUR 3,008,439.84 including VAT.

PIU TECHNICAL ASSISTANCE	
Consultant	Technital S.p.A. Italy (the contract also includes technical assistance services on the Kvanj - Tunnel Buna section)
Contract Number	JPAC 1079-E566-19 signed on April 12 th 2021
Contract Value	EUR 699.380,00 excluding VAT
Duration of the Contract	60 months
CONSTRUCTION SITE ACTIVITIES IN THE REPORTING PERIOD	

Description of completed works

Works on the motorway route have been completed and deficiency correction activities are in progress. Also, activities on the implementation of works stipulated by the agreement on the friendly environment with the local community are also carried out in parallel. For the subsections Tarčin – Entrance to Tunnel Ivan (LOT 1) and Tunnel Ivan (LOT 2) itself, we are approaching the end of the DNP period (September 15th 2024.).

Number of workers	July: /	August: /	September: /
Number of hired subcontractors	July: /	August: /	September: /

PROJECT IMPLEMENTATION COSTS			
Interim (payment) certificate	Payment date	Amount in EUR excluding VAT	Amount in EUR including VAT
WORKS - Consortium: Euro-Asfalt d.o.o. Sarajevo and Granit AD Skopje			
Σ1-29	until 31/03/2024	79.305.862,28	92.787.858,87
Q2	01/04-30/06/2024	0,00	0,00
WORKS IN TOTAL	until 30/06/2024	79.305.862,28	92.787.858,87
SUPERVISION - Institute IGH d.d., Zagreb			
Σ1-29	until 31/03/2024	2.458.001,98	2.875.862,32
Q2	01/04-30/06/2024	0,00	0,00
SUPERVISION IN TOTAL	until 30/06/2024	2.458.001,98	2.875.862,32
TA: Technital S.p.A. Italy			
Σ1-17	until 31/03/2024	242.870,00	284.157,90
Q2	01/04-30/06/2024	0,00	0,00
TOTAL TA	until 30/06/2024	242.870,00	284.157,90
TOTAL PROJECT IMPLEMENTATION COSTS PAID UNTIL JUNE 30th 2024		82.006.734,26	95.947.879,08

RECAPITULATION OF FUNDING SOURCES		
FUNDING SOURCE	TYPE OF EXPENSE	AMOUNT
EIB No. 89.502	WORKS	63.563.666,54
Grant for INV component	WORKS	8.952.000,00
Own funds	WORKS	6.790.195,74
Grant for TA component	SUPERVISION	1.650.000,00
Own funds	SUPERVISION	808.001,98
EIB No. 89.502	TA	155.920,00
Own funds	TA	86.950,00
TOTAL		82.006.734,26

Note: The costs of works, supervision services and technical assistance are pre-financed from own funds to enable subsequent reimbursement from the WBIF grant that will be implemented through the EIB.

SUBSECTION TUNNEL IVAN LOT 2

TECHNICAL DESCRIPTION

The Ivan tunnel was designed to be constructed according to NATM (NEW AUSTRIAN TUNNELING METHOD). The adopted form and position of the portal are such that it fits into the natural terrain and least disturbs the natural environment, which gives the road a higher quality. The length of the right tunnel tube, including the portal structure, is 1721.50 m, while the left tunnel tube is 1761.50 m long. As a part of this subsection, the construction of a connection to the main road in the location of Bradina is planned. It creates a temporary connection between the M17 main road and the motorway on Corridor Vc.

Funding	EBRD Agreement number 49058
	EU grant WB-IG02-BIH-TRA-06
Number and date of the environmental permit	No.: UP-I 05/2-23-11-177/17 dated December 13 th 2017
Number and date of the building permit	No.: UPI/03-23-2-331/19 dated December 24 th 2019 Building permit supplement No.: UPI/03-23-2-331/19 dated July 5 th 2021

CONSTRUCTION WORKS

Contractor	Euro - Asfalt d.o.o. Sarajevo
Contract Number	JPAC 985-B98-18 dated October 28 th 2019
Contract Value	EUR 57.628.570,36 excluding VAT
Construction deadline	30 months, i.e. May 2022
Addendum	Addendum No. 1 was signed on September 28 th 2022, for the purpose of extending the implementation deadline by additional 113 days. The new deadline for completing the works is September 15 th 2022. The contracted value of the works was not changed by this addendum.

SUPERVISION SERVICES

Consultant	IRD Engineering S.r.l.
Contract Number	JPAC 986-E504-18 dated October 11 th 2019
Contract Value	EUR 1.848.750,00 excluding VAT
Duration of the Contract	57 months

Addendum	Addendum No. 1 was signed on November 24 th 2020, in order to change the description of services according to the EBRD's request, and the amount was increased by EUR 37,200.00 excluding VAT.
	Addendum No. 2 was signed on September 28 th 2022, for the purpose of extending the implementation deadline to September 15 th 2022, after which the 24-month defect removal period (DNP) begins. The contracted amount was increased to EUR 2,025,785.65 excluding VAT or EUR 2,370,169.21 including VAT

CONSTRUCTION SITE ACTIVITIES IN THE REPORTING PERIOD

Description of completed works

Works on the motorway route have been completed and deficiency correction activities are in progress. Also, activities on the implementation of works stipulated by the agreement on the friendly environment with the local community are also carried out in parallel. For the subsections Tarčin – Entrance to Tunnel Ivan (LOT 1) and Tunnel Ivan (LOT 2) itself, we are approaching the end of the DNP period (September 15th 2024.).

Number of workers	July: /	August: /	September: /
Number of hired subcontractors	July: /	August: /	September: /

PROJECT IMPLEMENTATION COSTS

Interim (payment) certificate	Payment date	Amount in EUR excluding VAT	Amount in EUR including VAT
WORKS - Euro - Asfalt d.o.o. Sarajevo			
Σ1-36	until 31/03/2024	62.212.385,00	72.788.490,45
Q2	01/04-30/06/2024	0,00	0,00
WORKS IN TOTAL	until 30/06/2024	62.212.385,00	72.788.490,45
SUPERVISION-IRD Engineering S.r.l.			
Σ1-36	until 31/03/2024	2.010.387,16	2.352.152,98
Q2	01/04-30/06/2024	0,00	0,00
SUPERVISION IN TOTAL	until 30/06/2024	2.010.387,16	2.352.152,98
TOTAL PROJECT IMPLEMENTATION COSTS PAID UNTIL JUNE 30th 2024		64.222.772,16	75.140.643,43

RECAPITULATION OF FUNDING SOURCES		
FUNDING SOURCE	TYPE OF EXPENSE	AMOUNT
EBRD no. 49058	WORKS	54.419.195,26
WBIF Grant for TA component	SUPERVISION	2.010.387,16
Own funds	WORKS	7.793.189,74
TOTAL		64.222.772,16

SUBSECTION IVAN – OVČARI

TECHNICAL DESCRIPTION

The section starts right behind the Tunnel Ivan portal and is one of the most demanding sections on the entire Corridor Vc. The total length of the section is 10.27 km. Most of the route is in bridges and tunnels (about 70%), out of which 14 bridges with a total length of 4.7 kilometers and 12 tunnels with a total length of 12.3 kilometers (both tunnel tubes). The length of the longest designed bridge is 450 meters, while the narrowest tunnel is located at the beginning of the section (Kraljevac tunnel) whose left tunnel tube is 1,129 meters. The section passes through settlements: Vrbaljani, Badanj, Gajevo Bradina and Zukići, and ends with the Ovčari interchange, where the next section Ovčari - the entrance to the Prenj tunnel follows.

FUNDING

This section was included in the Public Investment Program of the Federation for the period from 2021 - 2023, which is a prerequisite for starting the debt procedure with the international financial institutions. The EIB submitted a Letter of Intent to finance this section. The request for debt was submitted in September 2022, in the amount of 162 million EUR (which is 50% of the project costs) in accordance with the draft of the Feasibility Study dated June 2022, where the new estimated value of the subsection is indicated in the amount of EUR 324 million. EIB will also support the application for WBIF investment grant up to 40% of the estimated value of the project expenses.

PROJECT DOCUMENTATION

WBIF grant funds were secured for the development of the Detailed Design. The ToR for the detailed design was agreed between IFICO, EUD, and IFI. IPF 9 is responsible for the grant implementation, that is, for the preparation of project documentation: Feasibility Study, Environmental Impact Study, Preliminary Design, Detailed Design and Detailed Design review. After a detailed review of the Terms of Reference and after consultation with a leading international financial institution, it was agreed that most of the envisaged project terms of reference must be changed because they deviate significantly from the optimal solution (especially for part of the section starting at the 6.2 km from Zukići to Ovčari). After that, the optimization of the route was started, and the most technically acceptable solution was reached, which reduced the longitudinal slope, removed the third lane for slow vehicles and greatly revised the future construction costs. All this resulted in a new Preliminary Design that was completed in April 2023 and the development of the Detailed Design continued with the deadline for development and completion Q4 2024.

CONSENTS AND PERMITS

All necessary approvals for this phase of project implementation have been obtained, including the Decision on the Approval of the Environmental Impact Study dated November 9th 2023. After the aforementioned Decision was issued, a lawsuit was filed before the Cantonal Court in Sarajevo by the Aarhus Center of Bosnia and Herzegovina, and the case is currently pending.

EXPROPRIATION

In November 2022, the Government of the Federation of BiH adopted the Decision on the Declaration of Public Interest for the Construction of the Motorway section Ivan - Ovčari.

PROCUREMENTS

The procurement procedure will be initiated according to the creditor's rules after the conditions for initiating the procedure are met.

SUBSECTION OVČARI – (ENTRANCE TO THE TUNNEL) PRENJ

TECHNICAL DESCRIPTION

The section starts with the M1 bridge above the intersection in Ovčari, on the slopes of the right side of the main road M17 and continues further with the bridge that crosses the main road and the Trešanica river. The total length of this route of the motorway section is 10.32 km, of which the length of the open route is 6.8 km, or 66.5%. 5 viaducts have been designed on the route, of which the longest viaduct is 610 meters long. In addition to the viaducts, 2 tunnels were also designed, the longest of which is the T2 tunnel with a length of 1171 meters. In addition, the section contains two junction points - Ovčari and Konjic South junction points as well as two toll booths with the same toponyms. One rest area has been designed and planned for the section - Konjic South

FUNDING

The FBiH Government passed the Decision on Approval for signing the Mandate Letter for financing of the motorway section on Corridor Vc Ovčari – Tunnel Prenj – Mostar North. In July 2021, the Management of the JPAC passed the Decision on Submission of the Debt Request for Financing the Construction Works on the Motorway Section from Ovčari to Mostar South. In October 2021, the FBiH government supported with conclusions the bank debt initiative with the EIB and the EBRD in the amount of EUR 300 million each. The Council of Ministers also adopted the above-mentioned bank debt initiatives.

The EU grant application will be prepared when the project documentation enters the final stage.

PROJECT DOCUMENTATION, CONSENTS AND PERMITS

The Preliminary Design of the section in question has been completed and the development of the Detailed Design is pending, the completion of which is scheduled for Q2 2024. All necessary approvals for this phase of project implementation have been obtained, including the Decision on the Acceptance of the EIS in January 2024. After the aforementioned Decision was issued, a lawsuit was filed before the Cantonal Court in Sarajevo by the Aarhus Center of Bosnia and Herzegovina, and the case is currently pending.

Given that it is a unique study for the section Ovčari - Prenj tunnel and Prenj-Mostar North tunnel, two public hearings were held in Konjic and Mostar, and the study and Decision as such will be comprehensive for both sections.

All the necessary approvals for submitting an application for an Urban Planning Permit have been prepared.

EXPROPRIATION

In June 2022, the Government of the Federation of Bosnia and Herzegovina adopted the Decision on the Declaration of Public Interest for the construction of the motorway section Konjic - Tunnel Prenj on Corridor Vc.

PROCUREMENTS

The procurement procedure will be initiated according to the creditor's rules after the conditions for initiating the procedure are met.

TUNNEL PRENJ SECTION

TECHNICAL DESCRIPTION

The key feature of Tunnel Prenj is its length of 10.9 km, which belongs to the category of long tunnels. It is subject to the application of all prescribed safety measures in tunnels, according to the EU Directive 2004/54/EC.

FUNDING

The FBiH Government passed the Decision on Approval for signing the Mandate Letter for financing of the motorway section on Corridor Vc Ovčari – Tunnel Prenj – Mostar North. In July 2021, the Management of the JPAC passed the Decision on Submission of the Debt Request for Financing the Construction Works on the Motorway Section from Ovčari to Mostar South. In October 2021, the FBiH government supported with conclusions the bank debt initiative with the EIB and the EBRD in the amount of EUR 300M each. The Council of Ministers also adopted the above-mentioned initiatives for debenture. The WBIF grant was applied for in the 8th WBIF call.

PROJECT DOCUMENTATION

Preliminary Design for Physical Plans of areas of special characteristics completed in 2016, and adopted in 2017. The procurement of preliminary design services with elements of the detailed design has been completed, and the development of project documentation is in progress. Preparation of tender and project documentation is expected in August 2023. The Detailed Design of preparatory works for Tunnel Prenj was completed (access roads, water supply and electricity supply).

The Detailed Design will be prepared by the contractor since it is planned that the project will be realized according to the FIDIC Yellow Book. As part of the G1 mission, the following was prepared:

- Report on engineering, geological, hydrogeological and geotechnical investigation works for the Prenj tunnel, WINNER PROJECT d.o.o. Sarajevo, 2016
- Preliminary geotechnical design for Tunnel Prenj

Preliminary Design with elements of the detailed design completed and submitted on January 25th 2024 (in electronic form) and after the completion of the auditor's review, which is expected in April 2024, printing and submitting in physical form will begin.

A program related to additional geological research was implemented (3 additional wells were drilled in the northern portal of the Prenj tunnel) and the documentation was submitted for review to the designer and competent auditor at the end of March 2024.

Quantitative Risk Analyzes and accompanying studies (Ventilation Study, Risk Assessment Study for Hazardous Material, Fire Risk Assessment Study) were prepared. Financing and preparation of the Risk Analysis and accompanying studies will be realized through the fund implemented by the European Union Technical Assistance Programme - Connecta. Preparation of analysis and accompanying studies was completed in the second quarter of 2021.

CONSENTS AND PERMITS

The validity of the previous water consent was extended.

The Consultant prepared the Environmental Impact Assessment for the section of the motorway on the corridor Vc Konjic (Ovčari) - Tunnel Prenj - Mostar North and submitted it to the JP Autoceste in February 2022. All necessary approvals for this phase of the project implementation have been obtained, including the Decision on the Approval of the Environmental Impact Study in January 2024.

After the aforementioned Decision was issued, a lawsuit was filed before the Cantonal Court in Sarajevo by the Aarhus Center of Bosnia and Herzegovina, and the case is currently pending.

Urban planning consent will be obtained after submission of printed versions of the project.

EXPROPRIATION

In July 2020, and then in November 2022, the Government of the Federation of Bosnia and Herzegovina passed the Decision on the Declaration of Public Interest for the construction of the Tunnel Prenj section of the Vc Corridor. Studies for the expropriation of the access roads to the tunnel portals, both north and south, have been submitted. Expropriation for the purpose of building access roads for the construction of the Prenj Tunnel has started, and up until now 63 out of 73 cases have been completed and 79 plots out 174 have been expropriated.

PROCUREMENT ACCORDING TO INTERNATIONAL PROCEDURES

PROCUREMENT – SERVICES

Preparation of the Preliminary Design with elements of the

Detailed Design Type of procedure: Open

The public procurement procedure concluded by signing the contract with the design engineer "Elea iC d.o.o" Slovenia. Contract Value EUR 5.934.530,80 excluding VAT, or EUR 6.943.401,04 including VAT.

Technical assistance during the tendering procedure for procurement of works and supervision and monitoring of environmental and social issues

Type of procedure: Competitive

The public procurement procedure was concluded by signing the contract with the consultants; JV iC consultant ZT GesmbH; ILF Consulting Engineers GesmbH; Elea iC doo. The value of the contract is EUR 8.989.200,00 excluding VAT, or EUR 10.517,364 including VAT. The duration of the contract is 96 months (Phase I - 36 months, Phase II 36 months and Phase III 24 months).

Drafting of the Preliminary and Detailed Design for preparatory works and preparation of tender documentation Type of procedure: Competitive

The public procurement procedure was concluded by signing the contract on May 13th 2022 with JV: Design & QC Ltd. Sarajevo and IPSA Institute d.o.o. Sarajevo in the amount of EUR 578.402,00 - excluding VAT or EUR 676.730,34 including VAT.

Contractor Services**Type of procedure: Open procedure with prequalification**

The decision to initiate the procedure was adopted on July 6th 2022, the Bank's consent to the prequalification documentation was obtained on July 12th 2022. Consent to the publication of prequalification documentation obtained on July 14th 2022. The prequalification documentation for the Tunnel Prenj was published on July 14th 2022. The deadline for submitting bids was September 5th 2022, and was extended to September 26th 2022, when the bids were opened. The bank's consent to the Evaluation report of the prequalification phase was submitted on February 27th 2024. Documentation for the second phase of the procedure was submitted to the Bank for review.

Supervision services on the construction of the Tunnel Prenj**Type of the procedure: Competitive**

The first procedure was annulled. The decision to initiate a new procedure was brought on August 14th 2023. The tender documentation was completed, and the call for expressions of interest was published on May 17th 2024, with a submission deadline of July 1st 2024, which was extended to July 22nd 2024.

EXIT FROM TUNNEL PRENJ - MOSTAR NORTH SECTION

TECHNICAL DESCRIPTION

The section in the length of 12.34 kilometers passes entirely through the Herzegovina-Neretva Canton. Initial altitude point is at 601 meters above the sea level, while the last one is at 162 meters. The total difference in elevation between the beginning and the end of the section is 439 meters. The total percentage of buildings on the section is 40%, and next to the main route in the Preliminary Design phase, an accompanying service facility (resort), 5 service roads and one inert material disposal site in the settlement of Humilišani were designed. The intended disposal site will be for the purpose of disposing of materials from the section as well as disposing of future tunnel Prenj excavation material. When it comes to the mentioned structures, there are 3 designed tunnels and 3 bridges as well as 6 supporting constructions. The ratio of tunnels-bridges-open route is approximately: 30%-10%-60%. Of the planned bridges, the longest bridge is 474 meters long, while the longest tunnel is 2197 meters long and is located at the end of the section just before the interchange Mostar North. The design of the interchange Mostar North belongs to the next section Mostar North - Mostar South.

FUNDING

The FBiH Government passed the Decision on Approval for signing the Mandate Letter for financing of the motorway section on Corridor Vc Ovčari – Tunnel Prenj – Mostar North. In July 2021, the Management of the JPAC passed the Decision on Submission of the Debt Request for Financing the Construction Works on the Motorway Section from Ovčari to Mostar South. In October 2021, the FBiH government supported with conclusions the bank debt initiative with the EIB and the EBRD in the amount of EUR 300M each. The Council of Ministers also adopted the above-mentioned initiatives for debenture.

The EU grant application will be prepared when the project documentation enters the final stage.

PROJECT DOCUMENTATION, CONSENTS AND PERMITS

The Preliminary Design of the section in question has been completed and the development of the Detailed Design is pending, the completion of which is scheduled for Q3 2024. All necessary approvals for this phase of project implementation have been obtained, including the Decision on the Acceptance of the EIS in January 2024. After the aforementioned Decision was issued, a lawsuit was filed before the Cantonal Court in Sarajevo by the Aarhus Center of Bosnia and Herzegovina, and the case is currently pending.

Given that it is a unique study for the section Ovčari - Prenj tunnel and Prenj-Mostar North tunnel, two public hearings were held in Konjic and Mostar, and the study and Decision as such will be comprehensive for both sections. All the necessary approvals for submitting an application for an Urban Planning Permit have been prepared.

EXPROPRIATION

In June 2022, the FBiH Government adopted the Decision on the declaration of Public Interest for the construction of the motorway section Tunnel Prenj - Mostar North on Corridor Vc.

PROCUREMENTS

The procurement procedure will be initiated according to the creditor's rules after the conditions for initiating the procedure are met.

5.4. LOT 4: MOSTAR NORTH - BIJAČA



LOT 4 represents the southern part of Corridor Vc. Three sections of this LOT are in the preparatory phase for implementation, two sections are under construction, while the 10 kilometer long section Zvirovići - Bijača is in use and in the toll collection system.

MOSTAR NORTH - MOSTAR SOUTH SECTION

TECHNICAL DESCRIPTION

The section of the Mostar North-Mostar South motorway in the length of L=14.2 km is a part of LOT 4 of the Corridor Vc.

It connects to the previous section of motorway Tunel Prenj - Mostar North interchange in the Kutlivač settlement northeast of Mostar. The Mostar North interchange represents the connection of the motorway with the M17 main road and is defined within the design of the previous section. There are a total of 10 bridges and 5 tunnels on the route of the motorway section, the longest of which is the M4 bridge in a length of approx. 490 m, and the longest tunnel T5 in a length of approx. 2700 m. The height of the M4 Bridge will be approx. 90 m. The route on the section passes mainly through hilly and mountainous terrain with significant spatial limitations, so cuts and embankments with a large number of buildings alternate along the route. The section ends with the Mostar Jug interchange, which connects to the M6.1 road east of Mostar airport.

FUNDING

EBRD and commercial banks, initiative in procedure

In July 2021, the JPAC submitted the debt request for sections from Ovčari to Mostar South.

The application for EU grant will be submitted in the Seventh WBIF call during 2022.

PROJECT DOCUMENTATION

The Preliminary Design has been completed. Main Design is in the final development phase, but the route of the motorway has been modified in the Physical Plan of area of special characteristics which are of importance for the Federation - Motorway on Corridor Vc. The investigative works were carried out, as well as the preliminary geotechnical mission G1 was prepared for the route as adopted by the Physical Plan. The deadline for the completion of the contract is May 2024. Delivery of the final project documentation is expected soon.

CONSENTS AND PERMITS

The preparation of the Environmental Impact Study and other documents according to the Environmental Protection and Social Issues Policy of EBRD was financed with the EBRD funds. Consulting company Enova d.o.o. Sarajevo was hired for documentation preparation. A full environmental impact assessment procedure was carried out in line with the applicable law. The Decision on the Acceptance of the Environmental Impact Assessment Study was obtained in May 2022.

Decision on the Acceptance of the Environmental Impact Study was issued. All previous consents required for urban permit have been obtained. The request to the competent ministry for obtaining urban planning approval is currently being prepared.

EXPROPRIATION

In July 2020, and then in November 2022 the FBiH Government adopted the Decision on the Declaration of Public Interest for the construction of the Mostar North - Mostar South motorway section on Corridor Vc.

PROCUREMENT – SERVICES

Contractor Services

Type of procedure: Open

The procedure was annulled by the Management Board's Decision No. 01-7700-14/22 of November 3rd 2022. The new procedure was initiated by Decision No. 01-7700-15/22 of November 3rd 2022. Preparation of PQ documentation was completed, sent to the Bank on January 4th 2023, and consent was obtained on January 17th 2023. The invitation for prequalification was published on January 18th 2023. The deadline for submission of bids was March 17th 2023. The evaluation of applications has been completed. Evaluation report was submitted to the bank for review and comments on February 19th 2024, and the Bank provided approval on April 24th 2024. The preparation of the tender documentation for the second phase of the procedure is currently underway.

Supervision Services

Type of procedure: Competitive

The decision to initiate the procedure was brought on December 14th 2022. The call for expressions of interest was published on May 13th 2022, with a deadline for submitting applications on June 27th 2022. The evaluation of received applications has been completed. The evaluation report was sent to the bank for approval on September 24th 2022. The revised report was sent again on September 29th 2022. The bank's consent was received on October 6th 2022. The participants were notified on October 7th 2023. The Revised Invitation to Submit Bids was sent to the Bank on February 27th 2023, and consent was obtained on March 2nd 2023. The deadline for submission of application was April 16th 2023, and it was extended to April 18th 2024. The evaluation of technical bids was completed and the evaluation report was submitted to the Bank. The bank's consent to the evaluation report of technical bids was issued on May 3rd 2024. Financial offers were opened on May 3rd 2023. Evaluation report of technical bids was submitted to the Bank on May 12th 2023. The bank's consent to the evaluation report of financial bids was issued on May 19th 2023. The procurement procedure was completed, but the contract was not signed due to a technical error within ECEPP. On May 17th 2024. consultants were informed about the results of the evaluation through the message center with the Bank's approval due to deficiencies in the ECEPP system.

Drafting of the Preliminary and Detailed Design

Type of procedure: Competitive

The public procurement procedure was completed on September 26th 2022 by signing the contract with the JV: Yuksel Proje (Turkey), PPG d.o.o. Sarajevo (BiH), Design & QC d.o.o. Sarajevo (BiH), Integra d.o.o. Mostar (BiH), Trasa d.o.o. Sarajevo (BiH). The contract value is EUR 7.209.615,30 excluding VAT, or EUR 8.435.249,90 including VAT.

Services of detailed design review

Type of procedure: Competitive

The public procurement procedure was completed on October 11th 2022 by signing the agreement with JV: IPSA Institute d.o.o. Sarajevo, Rina Consulting S.p.A and Mega Muhendislik Musavirlik A.S.
The contract value for review services is: EUR 1.397.000,00 excluding VAT, or EUR 1.634.490,00 including VAT.

SUBSECTION MOSTAR SOUTH – TUNNEL KVANJ
TECHNICAL DESCRIPTION
<p>The length of the section is 9.2 km. The subsection begins with the Mostar South interchange at 0+000. The center of the interchange is at -100.00. Significant structures on the Mostar South-Tunnel Kvanj subsection according to the Preliminary Design are:</p> <ul style="list-style-type: none"> - "Mostar south" tunnel, L=150m - "Airport" overpass, at 1+500.00 - Underpass "Kosor", at 6+179.82 - Bridge "Buna", L=326m - Bridge "Bunica", L=211m - Viaduct "Brijeg", L=258m
FUNDING
<p>EBRD, Agreement No 49058 (Tranche B) EU grant, applied for in the Sixth WBIF call</p>
PROJECT DOCUMENTATION
<p>Preliminary Design completed. The procurement procedure for the Detailed Design was canceled due to the fact that the Government of the Federation changed the method of implementation of this project from the FIDIC Red Book to the FIDIC Yellow Book, which implies that the selected contractor creates the Detailed Design based on the investor's preliminary design.</p>
CONSENTS AND PERMITS
<p>Previous approvals for urban permits were obtained. In July 2020, the updated Environmental Impact Study, Waste Management Plan, Biodiversity Assessment, and other documents prescribed by the EBRD's Environmental Protection and Social Issues Policy were finalized and made public. The public hearing, which is a pre-condition for issuing of an environmental permit, was held on September 14th 2020 in Mostar.</p> <p>The Federal Ministry of Environment and Tourism issued a decision on the environmental permit on February 17th 2021. On November 18th 2021, a decision on the validity of the environmental permit was issued.</p> <p>A request for urban planning approval has been submitted to the relevant ministry and the request is currently being processed.</p>

EXPROPRIATION

The city of Mostar is responsible for the expropriation procedure. The expropriation procedure was initiated on January 29th 2019. A total of 329 parcels out of 383 parcels were expropriated i.e. 218 cases out of 248 were completed. Expressed as a percentage, 87.90% of the area included in the expropriation study was expropriated, including 11 decisions of the Government of FBiH on early possession.

PROCUREMENT – SERVICES

Contractor Services

Type of procedure: Open procedure without prequalification

The tender documentation of the I phase was published on December 23rd 2020. The deadline for submission of bids was March 22nd 2021. The evaluation was completed, the Bank's consent was received in 2022. Preparation of the revised tender documentation for the repeated first phase of the procedure is underway. The procedure was suspended by the previous Management Board. The process was restarted, and an intermediate phase has been introduced by the bank. The extended deadline for submission of offers in the third phase is July 29th 2024.

Supervision consulting services

Type of procedure: Competitive

The public procurement procedure was successfully concluded by signing a contract with consultants for the provision of supervision services

JV: IPSA Institute d.o.o. Sarajevo (BiH) and Krebs + Kiefer (Germany). The agreed contract value for the provision of supervision services amounts to: 3.200,000 EUR excluding VAT or 3.744.000,00 EUR including VAT.

TUNNEL KVANJ – BUNA SUBSECTION

TECHNICAL DESCRIPTION

The length of the section is 5.1 km and includes a two-tube tunnel approx. 2.6 km and a bridge approximately 220 meters long.

FUNDING

EIB Agreement Number 87.195

EU grant: in the Fifth WBIF call, a grant was approved in the amount of 20% of the investment, and in the Sixth WBIF call, an additional 20% was applied for.

PROJECT DOCUMENTATION

Preliminary design completed. The tender for the procurement of detailed preliminary design was published, and the opening of bids was completed on July 28th 2022. The Detailed Design will be prepared by the contractor since the project will be realized according to the FIDIC Yellow Book.

On June 15th 2022, a notice on the procurement of "Development of a detailed preliminary design, corridor Vc, Kvanj - Buna tunnel subsection" was published. Due to the several complaints regarding the bidding documentation, the tender was not awarded until mid-October 2022. Considering that it is not possible to predict an approximate date for the end of the procedure due to the frequent complaints, the EIB expressed interest and confirmed that the procurement in question is financed by the EIB. The Public Procurement procedure for the selection of consulting services has been launched, which will be conducted through a single-stage open call with prequalification, two envelopes in accordance with the Procurement Guide for EIB-financed projects. The deadline for submission of bids was January 27th 2023.

CONSENTS AND PERMITS

The environmental permit was obtained in May 2019.

In December 2019, the Federal Ministry of Physical Planning issued an urban planning approval. The building permit will be obtained after the detailed design has been prepared by the contractor.

EXPROPRIATION

The municipalities of Čapljina and Stolac and the City of Mostar are responsible for the expropriation procedure. The degree of realization of expropriation in the area of the municipality of Čapljina is 100%. The degree of realization of expropriation in the area of the city of Mostar is 100% of the area (taking into account the 2 decisions of the FBiH Government on early possession). In the municipality of Stolac, 100% of the area was expropriated, including 1 decision of the FBiH Government on early possession. Realization of expropriation on the entire subsection is 100%.

PROCUREMENT – SERVICES

Contractor Services

Type of procedure: Open

On March 25th 2022, the management of JP Autocesta passed the Decision on canceling the procurement procedure that was initiated in 2019. A new procedure was initiated by the Management Board's Decision on April 21st 2022. Preparation of prequalification documentation has been completed. Call for submission of technical offers published on August 9th 2022, and the extended deadline for submission of applications was November 28th 2022. At the proposal of the Bank, the launched prequalification procedure was canceled.

The Management passed the decision on launching a new procedure on October 17th 2023. The tender documentation was completed on January 17th 2024 and the call for tenders was published on the same day. The deadline for submission of offers was April 2nd 2024, and a new extended deadline was April 26th 2024. The received financial and technical offers are opened, and evaluation of the offers is in the final stage.

Supervision consulting services

Type of procedure: Competitive

The contract was signed with the company Proyapi on October 14th 2020 in the value of 4.485.169,23 excluding VAT or EUR 5.247.648,00 including VAT.

Technical assistance to the project implementation unit

Type of procedure: Competitive

The contract was signed on April 12th 2021 with the company Technital S.p.A. - Italy.
Contract value is 699,380 excluding VAT, i.e. 818,274.60 EUR including VAT.

BUNA - POČITELJ SECTION	
TECHNICAL DESCRIPTION	
The section is 7.18 km long with the following structures: 2 overpasses (Grabovina and Kevčić), 2 passages for animals, 1 underpass (Bivolje Brdo), 1 retaining wall. During the construction of this section, the relocation of 5 high-voltage transmission lines is also planned.	
Funding	EBRD Loan number 47372
	WBIF grant
Number and date of the environmental permit	No: UPI 05/2-23-11-72/16 SN dated October 12 th 2016.
Number and date of the building permit	No: UPI/03-23-2-181/18 dated July 25 th 2018
CONSTRUCTION WORKS	
Contractor	Hering d.d. Široko Brijeg
Contract Number	JPAC 743-B74-16; signed on May 18 th 2018
Contract Value	21.959.302,16 EUR excluding VAT
Construction deadline	540 days + 126 days + 515 days, i.e. October 27 th 2021
Addendum	Addendum no. 1 was signed on October 19 th 2018 in order to comply with the new Law on Financial Operations and does not affect the contracted price.
	Addendum no. 2 was signed on May 29 th 2020 with an extension of 126 days.
	Addendum no. 3 was signed on November 10 th 2021 with the completion deadline of October 27 th 2021.
SUPERVISION SERVICES	
Consultant	Consortium: Aecom Inocsa S.L.U. and Aecom d.o.o
Contract Number	JPAC 745-E380-16 dated May 8 th 2018
Contract Value	1.841.710,00 EUR excluding VAT

Duration of the Contract	51 months
Addendum	Addendum No. 1 was signed on September 22 th 2020 with an extension of 51 months in total and an upper limit of funds of EUR 1.841.710,00 excluding VAT Contract value EUR 1.841.710,00 excluding VAT.
	Addendum No. 2 was signed on December 23 rd 2021 with an extension of 63 months in total and an upper limit of funds of EUR 2.191.669,00 excluding VAT. Contract value EUR 2.191.669,00 excluding VAT.

CONSTRUCTION SITE ACTIVITIES IN THE REPORTING PERIOD

Description of completed works

The section is completed.

PROJECT IMPLEMENTATION COSTS			
Interim (payment) certificate	Payment date	Amount in EUR excluding VAT	Amount in EUR including VAT
WORKS - Hering d.d. Široki Brijeg			
Σ1-42	until 31/03/2024	21.315.038,56	24.938.595,12
final (payment) certificate	22/4/2024	181.452,24	212.299,12
Q2	01/04-30/06/2024	181.452,24	212.299,12
WORKS IN TOTAL	until 30/06/2024	21.496.490,80	25.150.894,24
SUPERVISION-Consortium: Aecom Inocsa S.L.U. and Aecom d.o.o			
Σ1-45	until 31/03/2024	2.169.153,74	2.537.909,88
final (payment) certificate	29/4/2024	22.515,26	26.342,85
Q2	01/04-30/06/2024	22.515,26	26.342,85
SUPERVISION IN TOTAL	until 30/06/2024	2.191.669,00	2.564.252,73
TOTAL PROJECT IMPLEMENTATION COSTS PAID UNTIL JUNE 30th 2024		23.688.159,80	27.715.146,97

RECAPITULATION OF FUNDING SOURCES		
FUNDING SOURCE	TYPE OF EXPENSE	AMOUNT
EBRD no. 47372	WORKS	17.529.890,73
EBRD no. 47372	SUPERVISION	1.000.534,00
WBIF Grant for INV component	WORKS	3.966.600,07
WBIF Grant for TA component	SUPERVISION	1.191.135,00
TOTAL		23.688.159,80

SUBSECTION POČITELJ – ZVIROVIĆI LOT 1 and LOT 2

TECHNICAL DESCRIPTION

The length of the section is 11.07 km and it is divided into two LOTs.

LOT 1 consists of a motorway route in a length of over 10 kilometers, which includes the following significant constructions: Interchange Počitelj with toll area and access roads, Interregional junction, three viaducts, a tunnel and an open route.

LOT 2 is the impressive, 980 m long Počitelj Bridge. The pillars of the bridge crossing the Neretva River are 92, 97, 92, 91, 88 and 66 m high, which makes it the highest bridge on the Vc Corridor. According to the construction method, it is a continuous prestressed reinforced concrete box section bridge, which is built using the free cantilever construction technology.

Funding	EIB Loan number 83975
	WBIF application number WB19-BiH-TRA-01
Number and date of the environmental permit	UPI 05 / 2-23-11-3 / 14 SS dated April 2 nd 2014 and updated environmental permit UPI 05 / 2-23-11-21 / 19 SN dated April 11 th 2019.
Number and date of the building permit	UPI / 03-23-2-271 / 15 ID dated November 12 th 2015 and updated building permit UPI / 03-23-2-271 / 15 ID dated December 23 rd 2015 and updated building permit UPI / 03-23 -2-271 / 15 dated September 29 th 2021.

CONSTRUCTION WORKS LOT 1

Contractor	China State Construction Engineering Corporation Ltd;
Contract Number	JPAC 975-B96-18 dated June 20 th 2019.
Contract Value	56.522.840,50 EUR excluding VAT
Construction deadline	730 days, i.e. September 2021. (The contractor submitted a request for the extension of the construction deadline. The decision of the Supervisory Engineer regarding this request is pending.)
	Addendum No. 1 signed in November 2021 related to the extension of the time for the completion of section 1 instead of 365 days to 730 days.

Addendum	Addendum No. 2. was signed on May 9 th 2022, which extends the deadline for the completion of the works by a total of 395 days, the new deadline for the completion of the works is October 26 th 2022.
	Addendum No. 3 was approved by the EIB, the signing procedure is initiated.
CONSTRUCTION WORKS LOT 2	
Contractor	JV AzVirt L.L.C (Azerbaijan), Sinohydro Corporation Ltd. (China) and Power China Road Bridge Group Co. Ltd. (China);
Contract Number	JPAC 976-B97-18 dated June 20 th 2019.
Contract Value	28.114.889,53 EUR excluding VAT
Construction deadline	900 days, i.e. March 2022 (extended until August 29 th 2023 by the decision of DAB)
Addendum	The engineer set September 5 th 2022 as the new deadline for completing the works. The contractor expressed disagreement with the Engineer's decision and the new deadline for completing the works, and refused to sign the addendum. DAB passed the decision for settlement of dispute no. 2 in which the deadline for completion of the works was extended until October 6 th 2022. DAB issued a decision for settlement of dispute no. 3 (column 6) in which the deadline for completion of works was extended until August 29 th 2023. The Client expressed disagreement with the decision of the DAB. Addendum no. 1 is being prepared.

SUPERVISION SERVICES	
Consultant	Consortium: IRD Engineering S.r.l. Rome, Italy
Contract Number	JPAC 840-E438-17 dated June 11 th 2019
Contract Value	3.790.000,00 EUR excluding VAT
Duration of the Contract	57 months
	Addendum No. 1 was signed on October 26 th 2020 due to the change in positions and personnel of the Engineering Team and does not affect the contract value.

Addendum	Addendum No. 2 signed on September 27 th 2022. It influenced the contract value.
	Addendum No. 3 signed on April 19 th 2023. It influenced the contract value.
	Addendum no. 4 is being prepared. EIB's approval of the text of the addendum is awaited.
PIU TECHNICAL ASSISTANCE	
Consultant	JV: IPSA d.o.o and VCE
Contract Number	JPAC 839-E437-17 dated June 18 th 2018
Contract Value	299.855,30 EUR excluding VAT
Addendum	Addendum No. 1 signed on November 27 th 2018 containing changes related to the introduction of BAM as a payment currency.
	Addendum No. 2 signed on September 29 th 2023 in order to extend the Contract to 54 months and increase the amount of the Contract to EUR 376,830.00 excluding VAT.
	Addendum No. 3 signed on February 2 nd 2023 in order to extend the Contract to 64 months and increase the amount of the Contract to EUR 439,890.00 excluding VAT.
	Addendum No. 4 - signed on February 15 th 2024 to extend the Contract to 73 months and increase the amount of the Contract to EUR 518,920.00 excluding VAT.
	Addendum No. 5 -signed to extend the Contract to 79 months without increasing the contract amount.
CONSTRUCTION SITE ACTIVITIES IN THE REPORTING PERIOD	
	LOT1: The main route and other roads (Section 1 and Section 2; Bed preparation; Making road base and cement stabilization and asphaltting works on section 1 and section 2; Slope

<p>Description of performed works LOT 1</p>	<p>protection with anchors on Phase A and Phase C 4+404 to km 5+250, Installation of protective wire fence; Installation of one-sided protective fence Section 1 and Section 2, , Central drainage collector on section 1 and 2, construction of absorption fields for external drainage, works on the water protection system; Construction of gutters and external drainage channels, construction of portal foundations and installation of portals, foundations of traffic signs , and installation of the vertical support for the traffic signs, TC and MV installations, construction of retaining walls - reinforced embankment, horizontal and vertical signalization</p> <p>Access road from the motorway to the main road M17 and M6: works on bedding; road base, installation of roadsides, external and internal drainage, asphalt works, construction of foundations for traffic signals and installation of crash barriers, retaining walls; Local and unclassified roads, earthworks, bed preparation, making of road base, asphalt works and installation of crash barriers on the local roads of Section 1 and Section 2, Slope protection with anchors on M17, horizontal and vertical signs, construction of internal drainage of system</p> <p>Construction of foundations for noise protection, installation of absorbing elements for noise protection, construction of a gabion wall for noise protection Section 1 and Section 2.</p> <p>Works in the Počitelj Tunnel - tunnel coloring; installation of SOS Niche gates, hydrant network gates, works on the installation of fans and electrical works, entrance portal - concrete works on the construction of wing walls, works on the installation and connection of substations of the Tunnel</p> <p>Works on structures: Bridge M2 - construction of CSB, preparation of leveling layer, waterproofing installation, asphalt works, installation of expansion devices; Bridge M3 - ; construction of CSB, preparation of leveling layer, waterproofing installation, asphalt works</p> <p>Počitelj toll area -Canopy installation works, final works on the main building (facade, water, sewerage, electrical works, partitions, ceramic works), Međugorje toll booth - final works on the main building</p> <p>IRI Počitelj: final works Počitelj (Cut & Cover), Installation of protective wire fence.</p>
<p>Description of performed works LOT 2</p>	
<p>Foundations for pillars S1, S2, S3, S4, S5 and S6 completed; Columns - S1, S2, S3, S4, S5 and S6 - completed; Span construction S0-S1-S2-S3-S4-S5-S6-S7 completed 100%; Construction of the concrete crash barrier is in progress - 75% completed. Expansion joints are installed on abutments U1 and U2. Repair works on fields 2, 3, 4, 5 and 6 are completed, a leveling layer is being installed - 50% completed. Waterproofing is being installed - 50% completed.</p>	

Current challenges related to project implementation and measures taken on LOT 1

Issues:

- Low level of personnel resources and low progress rate of the Contractor
- A large number of different finishing works and subcontractors
- Part of the remaining work is technologically dependent on weather conditions (waterproofing on bridges, asphalt works)
- Preparation of documentation for the technical acceptance procedure

Mitigation measures

- Letter to the Head Office of the contractor for work intensification. The contractor has changed the senior personnel on the site. Consideration of hiring additional subcontractors in accordance with PCC SC 8.6
- Coordination meetings will be held more often
- Increased activities on the preparation of weather dependent works
- Increased number of staff engaged in these specific activities

Current challenges related to project implementation and measures taken LOT 2

Issues:

Long delays on the construction of the span structure. Lack of resources – manpower shortage. The prime contractor has not yet been employed for the construction of the span structure.

In view of the fact that the Time for completing the works expired on September 5th 2022. (later extended until October 6th 2022 according to the decision of DAB). On January 19th 2023 the Client submitted the details of the claim for the collection of the contractual penalty (penalty) according to Article 8.7 GCC. On January 28th 2023, the Contractor submitted to the VRS a request under Dispute No. 1, for the prohibition of the Client to collect the claim *"until the final and binding decisions are passed, which will determine the relevant deadline for the completion of the works and until the issuance of the Certificate of Acceptance"*

In their Decision of April 11th 2023, VRS stated that the contract does NOT prevent the Client from collecting the contract penalty.

On July 9th 2023, after the completion of the prestressing of cables for continuity 16 D, 17 and 18, in field 4, cracks appeared in the lower plate on segments 14 and 15 and partly on the joint segment. Later checks confirmed that the cause of the cracks was a changed trajectory of the cables for continuity - the contractor did not fix the position of the cables. Testing confirmed that the same execution error was made in fields 2, 3, 5 and 6. Repair works on fields 4 and 5 have been completed by the Contractor, and the repair works of fields 2 and 6 are currently in progress (field 3 is 'repaired' without an approved design).

Measures:

Due to long delays in the construction of the span structure, the Engineer issued a Notice on the elimination of defects on January 20th 2022. In this Notice, the Contractor is also reminded again that the Contract does not allow subcontracting of the span construction.

Several meetings of the JP Autoceste Management and the Contractor were held. In his letter dated March 18th 2022 the Contractor was obliged to timely provide an additional two pairs of brackets for free cantilever construction. On May 9th 2022, the Contractor submitted a new work program in which they provided for an additional two pairs of brackets for free cantilever construction. However, the Contractor brought only one additional pair to the site.

According to the request of the Technical Assistance as well as the EIB, the Client hired an independent consultant who will revise the rehabilitation design solution.

Number of workers LOT 1	April: 285	May: 290	June: 275
Number of hired subcontractors LOT 1	April: 10	May: 11	June: 11
Number of workers LOT 2	April: 39	May: 41	June: 42
Number of hired subcontractors LOT 2	April: 3	May: 3	June: 3

PROJECT IMPLEMENTATION COSTS			
Interim (payment) certificate	Payment date	Amount in EUR excluding VAT	Amount in EUR including VAT
WORKS - China State Construction Engineering Corporation Ltd;			
Σ1-50	until 31/03/2024	57.220.294,16	66.947.744,17
PS 51	29/04/2024	3.497.806,70	4.092.433,84
PS 52	20/05/2024	615.264,36	719.859,30
PS 53	19/6/2024	957.415,05	1.120.175,61
Q2	01/04-30/06/2024	5.070.486,11	5.932.468,75
WORKS IN TOTAL	until 30/06/2024	62.290.780,27	72.880.212,92
WORKS - JV AzVirt L.L.C (Azerbaijan), Sinohydro Corporation Ltd. (China) and Power China Road Bridge Group Co. Ltd. (China);			
Σ1-48	until 31/03/2024	29.250.806,48	34.223.443,58
Q2	01/04-30/06/2024	0,00	0,00
WORKS IN TOTAL	until 30/06/2024	29.250.806,48	34.223.443,58
SUPERVISION - IRD Engineering S.r.l. Rome, Italy			
Σ1-48	until 31/03/2024	6.024.727,95	7.048.931,70
Q2	01/04-30/06/2024	0,00	0,00
SUPERVISION IN TOTAL	until 30/06/2024	6.024.727,95	7.048.931,70
TA: JV: IPSA d.o.o and VCE			
Σ1-21	until 31/03/2024	398.988,37	466.816,39
PS 22	10/05/2024	17.230,00	20.159,10
PS 23	20/05/2024	16.140,00	18.883,80
Q2	01/04-30/06/2024	33.370,00	39.042,90
TOTAL TA	until 30/06/2024	432.358,37	505.859,29

TOTAL PROJECT IMPLEMENTATION COSTS PAID UNTIL JUNE 30th 2024	97.998.673,07	114.658.447,49
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RECAPITULATION OF FUNDING SOURCES		
FUNDING SOURCE	TYPE OF EXPENSE	AMOUNT
EIB No. 83.975	WORKS LOT 1	39.961.634,92
EIB No. 83.975	WORKS LOT 2	21.751.608,09
EIB No. 83.976	SUPERVISION	3.500.000,00
EIB No. 83.975	TA	384.523,37
Own funds	TA	47.835,00
Own funds	WORKS LOT 1	22.329.145,35
Own funds	WORKS LOT 2	7.499.198,43
Own funds	SUPERVISION	2.524.727,93
TOTAL		97.998.673,09

Note: Monitoring services were paid for from own funds to enable subsequent reimbursement of service costs from the WBIF grant to be implemented through the EIB.

6. ENVIRONMENTAL IMPACT

The Law on Environmental Protection (Official Gazette of the F BiH No. 15/21) defines the conditions and procedure for issuing an environmental permit in the Federation. The Federal Ministry of Environment and Tourism is responsible for issuing environmental permits for the construction of sections of the motorway on Corridor Vc. In chapter number 5 of this Report, specific data on all environmental permits that have been obtained for motorway sections that are under preparation and construction are available.

The environmental permit prescribes general and specific measures to mitigate and avoid negative impact on the environment during the construction and during the use of the motorway, which includes measures to mitigate impact on the population, microclimate, water, air, soil, flora, fauna, landscape, protected natural areas, cultural and historical heritage, existing infrastructure. Special measures also apply to noise and vibration protection.

The implementation of the measures prescribed by the environmental permit during construction is carried out by the Contractor, and monitored and supervised by the supervising engineer, while during exploitation the implementation is carried out by the JP Autoceste with the support of specific service providers, e.g. for wastewater monitoring, noise monitoring, etc.

According to the provisions of the environmental permit, JP Autoceste is obliged to report to the Federal Ministry of Environment and Tourism no later than 30 June of the current year for the previous year, which has been carried out regularly so far.

In addition to the obligations prescribed by federal law, JP Autoceste (together with contractors and supervisory teams) is obliged to implement and monitor the environmental and social standards of European creditors on the Corridor, which entails the preparation of various plans (environmental and social plan, biodiversity management plan, resettlement plan, plan for inclusion of interested parties and other planning documents) for each share financed with EIB and EBRD funds, and submit reports on the implementation of said plans to creditors.

Also, the Annual Environmental and Social Report is submitted to the EBRD for all the sections they finance on the Corridor, while information is submitted to the EIB through individual semi-annual reports through which the progress in the realization of each of the financing agreements is monitored.

APPENDIX 1.

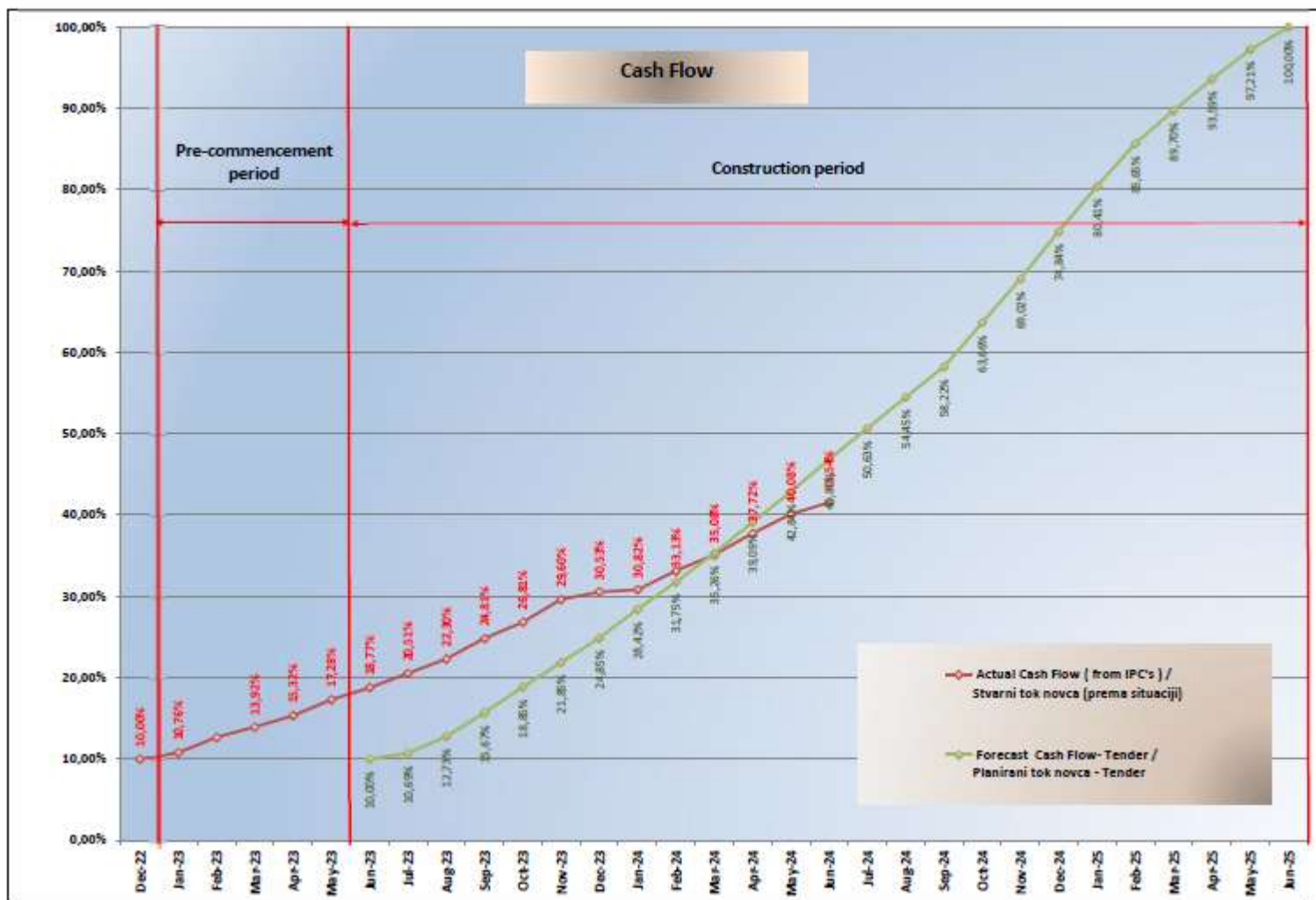
Work dynamics and cash flow on construction projects

Subsection Putnikovo Brdo - Medakovo

No.:	Description of works	Duration (days)	Start date	Deadline	Completed %	Status of construction works in progress
1.	Mobilization	76	01/12/2022	15/02/2023	100.00%	
2.	Motorway route	711	01/06/2023	12/05/2025	55.00%	
3.	Interchange Usora	541	24/07/2023	15/01/2025	80.00%	
4.	Interchange Medakovo	202	29/08/2024	19/03/2025	30.00%	
5.	Tunnel Hrastik	671	07/07/2023	08/05/2025	85.00%	
6.	Bridge Usora 1	649	24/07/2023	03/05/2025	95.00%	
7.	Bridge Usora 2	549	09/10/2023	10/04/2024	80.00%	
8.	Bridge Usora 3	322	04/09/2023	22/07/2024	30.00%	Evident overrun of scheduled time
9.	Kraševo Bridge	315	04/07/2023??	15/05/2025	98.00%	
10.	Underpass PP2	116	14/12/2024	09/04/2025	0.00%	
11.	Underpass Plane	116	07/07/2023	31/10/2023	0.00%	Evident overrun of scheduled time
12.	Hydrotechnical facilities	525	07/07/2023	13/12/2024	80.00%	
13.	Regulation of the Usora river bed	642	07/07/2023	09/04/2025	35.00%	124 days delay according to the current dynamic plan
14.	Regulation of the Tešanjka river bed	642	07/07/2023	09/04/2025	12.00%	246 days delay according to the current dynamic plan
15.	Relocation of installations	350	07/07/2023	21/06/2024	45.00%	Evident overrun of scheduled time

16.	M4 relocation	263	07/07/2023	26/03/2024	80.00%	Evident overrun of scheduled time
17.	Connection to the M17	57	27/03/2024	23/05/2024	32.00%	Evident overrun of scheduled time
18.	Relocation of other roads	92	22/07/2024	22/10/2024	6.00%	
19.	Service roads	69	01/01/2025	11/03/2025	38.00%	
20.	Traffic areas on ČNM Doboj south	656	24/07/2023	10/05/2025	30.00%	
21.	Traffic areas on payroll Medakovo	87	30/12/2023	26/03/2024	0.00%	Evident overrun of scheduled time
22.	Reconstruction of LC Tešanj - Medakovo - Tešanjka	349	27/03/2024	11/03/2025	1.00%	80 days delay according to the current dynamic plan
23.	Bridge Bosna 1	412	21/03/2024	07/05/2025	10.00%	
24.	Bridge Tešanjka 2	389	25/04/2024	19/05/2025	10.00%	

Table 1. The comparison was made on the basis of the Basic - Tender dynamic plan, adapted to the actual start of the works. The Contractor has not yet submitted the updated Work Schedule, in accordance with Article 8.3. GCC based on the repeated requests of the Engineer. Currently, the only valid Work Schedule, in accordance with the Contract, is the one submitted during the tender procedure.



Flow Chart 1. Putnikovo Brdo - Medakovo

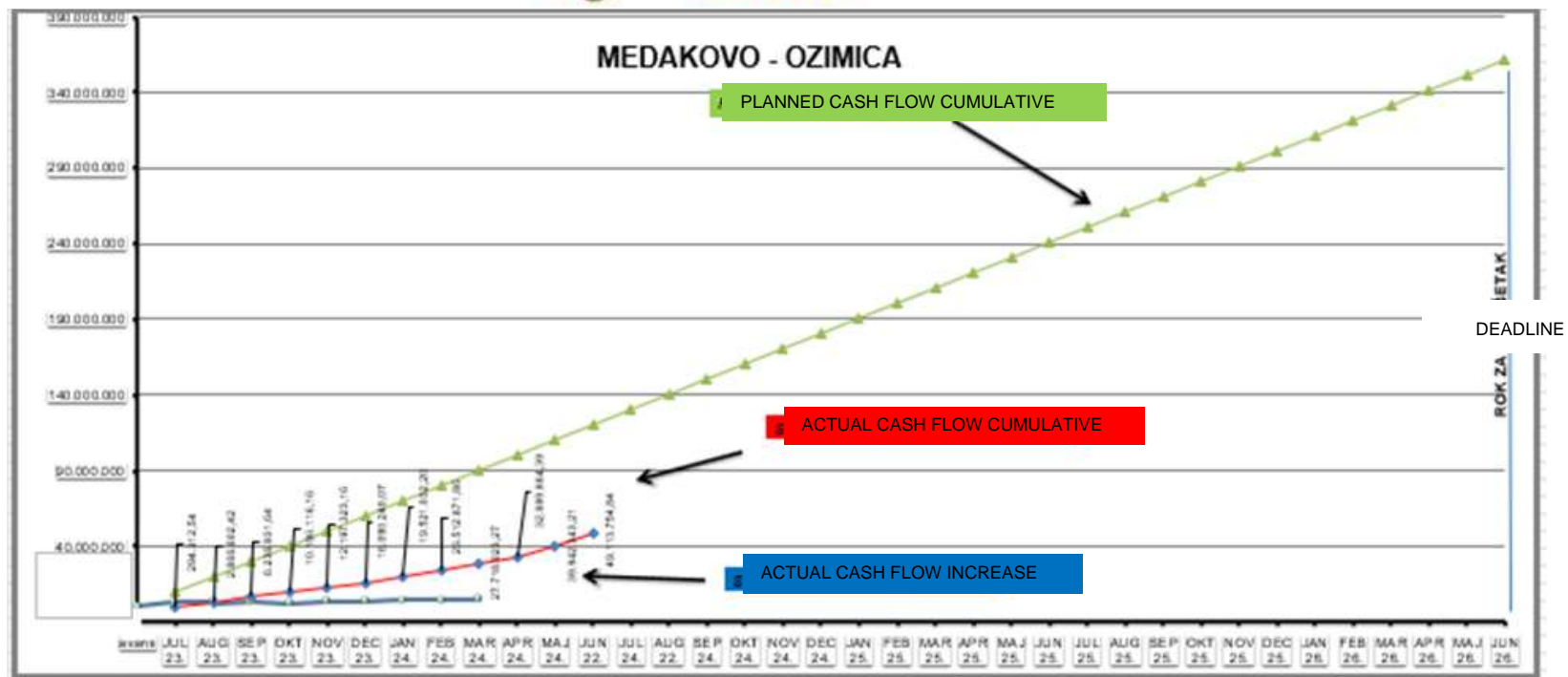
Subsection Medakovo – Ozimice

No.:	Description of works	Duration (days)	Start date	Deadline	Completed %	Status of construction works in progress
1.	Works on the route - excavations, subsoil replacement, embankment construction	700	5/23	12/25	10	In construction, it is anticipated that works on the route, including the construction of pavement structure, will continue until the end of the contract period, i.e. until mid-2026.
2.	Bridges	250	8/23	5/26	25	Of a total of eight large bridges, one is not under construction, founding is underway on two bridges, columns are being constructed on two bridges, and the span construction is being completed on three bridges. It is expected that works on the buildings will continue until the end of the contract period, i.e. until mid-1026.
3.	Hydrotechnical facilities	365	5/23	12/24	70	More than 70 culverts and hydraulic passages – most of the culverts are completed, and hydrotechnical passages for watercourses are under construction. It is planned for these structures to be finished by the end of the current year.
4.	Underpasses and overpasses.	300	7/23	12/25	40	17 buildings, 7 completed, works will continue in the next year
5.	Grillage constructions	200	4/24	3/26	5	Out of ten grillage structures along the route (site cut protection), two are currently under construction, while the others are in the preparation phase or Mission have been submitted according to the Rulebook on Geotechnical Engineering, awaiting review by the

						supervising authority. Works on these facilities will continue until the beginning of 2026.
6.	River bed regulation	250	5/23	5/26	10	Works on river bed regulation began last year, with three watercourses being regulated according to the main design, covering a total length of nearly 15 kilometers. Works will continue until the end of the project.
7.	Ozimica interchange	200	5/23	8/25	30	Works on the embankment construction and interchange ramp are underway. Due to electrical installations that have not yet been relocated, works are progressing slower than planned.
8.	Rest areas	270	5/23	3/26	20	Works are underway on two rest areas, including excavation, replacement of soil, and the beginning of embankment construction.
9.	Local roads and smaller bridges	150	5/23	5/26	10	The main design includes construction of 40 local roads and 20 smaller bridges. Works will continue until the end of the project.
10.	Relocation of installations	365	5/23	5/26	10	A large number of instalations are in collision with the motorway route. Telecommunications, LV, MV, HV networks. Works will continue until the end of the project. Special attention is being given to relocating the 100kV network, including 13 poles and 2.5 kilometers of transmission line route. Land expropriation and preparatory works are in progress.
11.	Tunnel	250	11/23	5/26		Works on the structure of portal

						<p>constructions completed. Tunnel driving is in progress, 130 meters in the right pipe, 100 meters in the left pipe. Continuation of works on tunnel driving.</p>
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Table 2. Work dynamics on the Medakovo – Ozimice subsection



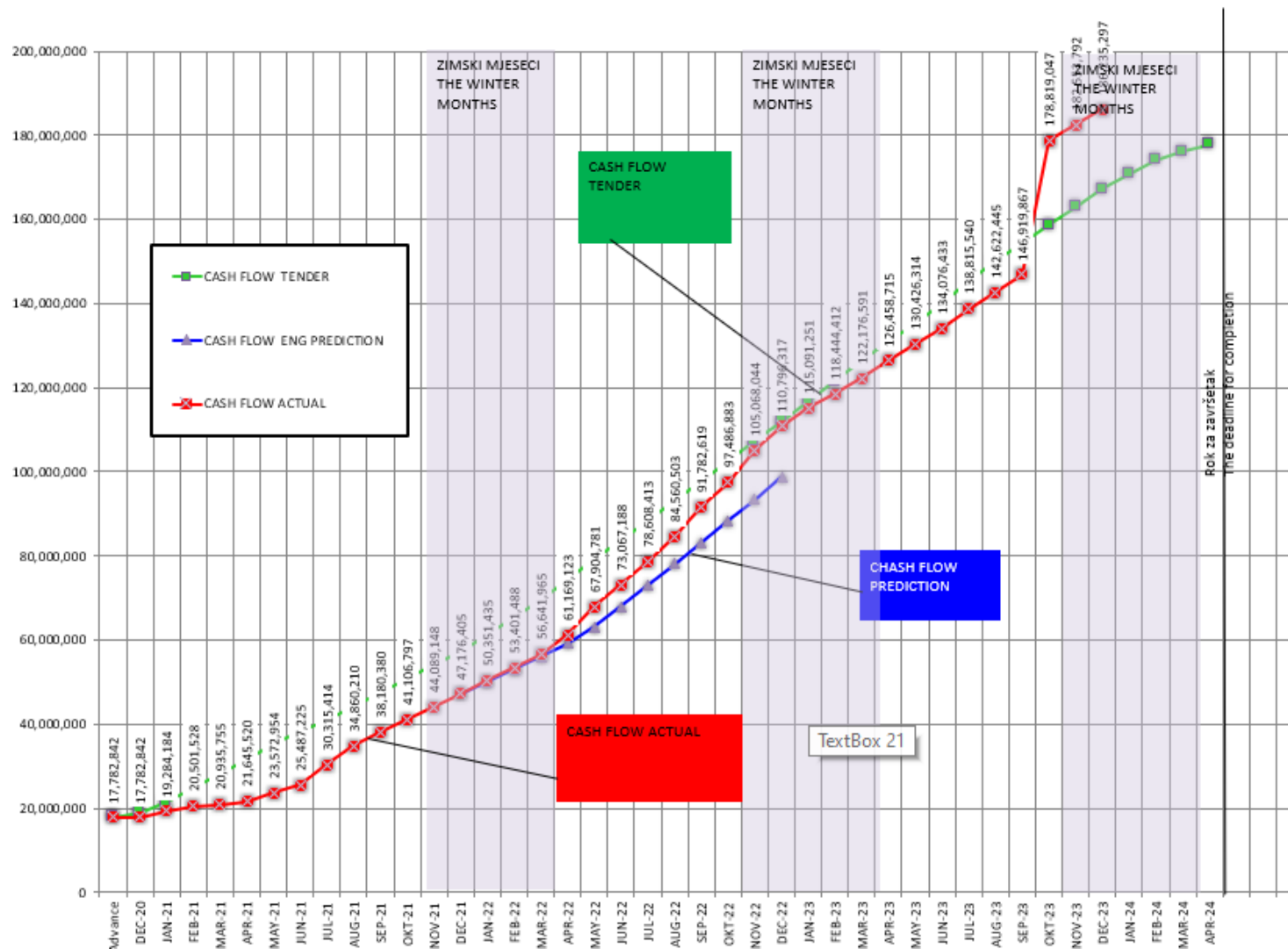
Flow Chart 2. Medakovo – Ozimice

Subsection Poprikuše – Nemila

No.:	Description of works	Duration (days)	Start date	Deadline	Completed %	Status of construction works in progress
1.	Mobilization	441	01/12/2020	15/02/2022	100%	
2.	Detailed Design development and approvals	441	01/12/2020	15/02/2022	98%	The design of the completed condition will be done in the final phase of the project.
3.	Preliminary works	120	09/12/2020	08/04/2021	100%	
4.	Interchange motorway route and M17 junction with toll area and traffic control center	1,342	26/02/2021	29/10/2024	85%	Excavations and subsoil replacement 100%, Embankments: route 100%, Interchange Poprikuše 95%
5.	Tunnel Golubinja	1,418	07/12/2021	08/12/2024	82%	A total of 7,002 m of tunnel was excavated, concrete of the invert arch 27,500 m ³ , foundations 17,090 m ³ , secondary cladding 35,540 m ³ , waterproofing 4,740 m
6.	Golubinja Bridge 1 and Golubinja Bridge 3 (interchange ramp)	990	16/08/2021	04/06/2024	95%	Construction of the bridge Golubinja 1 completed (Golubinja 3 will not be performed)
7.	Golubinja 2 bridge	1,093	12/7/2021	10/07/2024	95%	Bridge construction completed, Fence, beds, dilatations
8.	Bridge Bosna 1	1,071	28/05/2021	04/05/2024	96%	Bridge construction completed, Fence, beds, dilatations
9.	Bridge Bosna 2 (Kovanići)	630	26/05/2022	15/02/2024	100%	
10.	Local road to Kovanići, access roads for fire protection facilities and other access roads if they exist	470	23/09/2022	06/07/2021	70%	It will be completed in the final phase of the project, the road is in use to access the construction site
11.	Bridge over the river Željeznica	241	02/12/2022	30/07/2023	95%	Bridge construction completed
12.	Construction and relocation of installations	1,004	15/02/2022	14/11/2021	35%	Electrical and plumbing installations relocated

Table 3. Work dynamics on Poprikuše - Nemila subsection

Paprikuše-Nemila

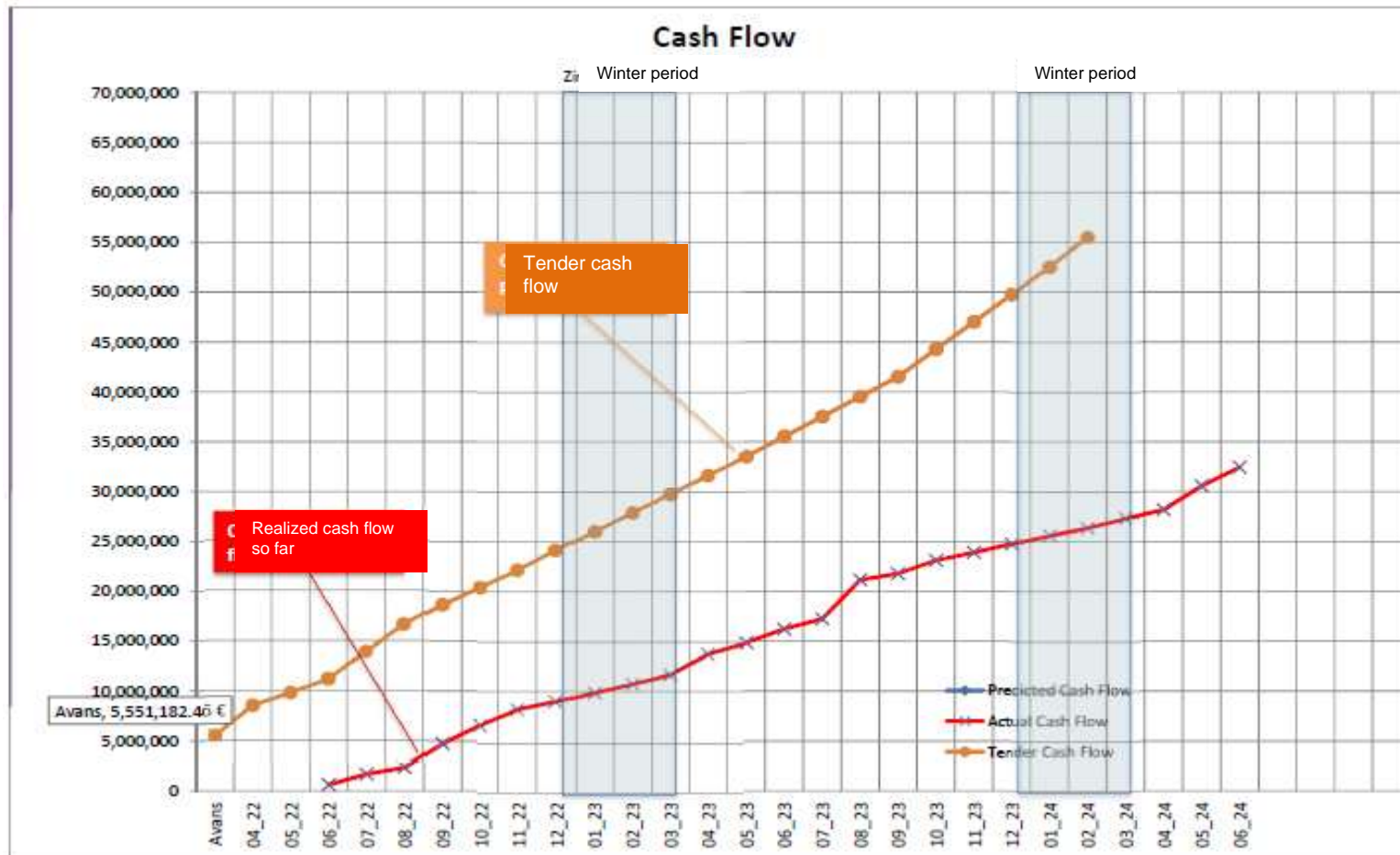


Cash Flow Chart 3. Poprikuše - Nemila

Nemila – Vranduk Subsection

No.:	Description of works	Duration (days)	Start date	Deadline	Completed %	Status of construction works in progress
1.	Route AC – Section 1	862	01/04/2022	02/07/2024	60,43	IN PROGRESS
2.	Route AC – Section 2	862	22/02/2022	02/07/2024	2	REDESIGN IN PROGRESS
3.	Relocation of the main road M17	418	30/04/2022	21/06/2023	100	COMPLETED
4.	Regulation of the riverbed of Bosna River	498	20/04/2022	30/08/2023	55,1	IN PROGRESS
5.	Temporary toll area with junction to M17	308	14/12/2022	17/10/2023	-	CANCELLED
6.	Preparation of final documentation	90	21/11/2023	18/02/2024	-	IN PROGRESS

Table 4. Work dynamics on the subsection Nemila - Vranduk



Cash Flow Chart 4. Nemila - Vranduk

Vranduk – Ponirak Subsection

No.:	ID	Description of works	Duration (months)	Start date	Deadline	Completed %	Status of construction works in progress
1		ROUTE					
	A	Motorway route	54	23-Sep-19	31-Mar-26	6.95 %	Sectors 2, 4, 5.
2	B	OTHER ROADS AND TRAFFIC SURFACES	54	28-Sep-19	31-Mar-26	53.68%	Disposal of excavated materials in landfills. Deforestation at the Malinjak 2 landfill and making of perforated pipes.
3	D	DRAINAGE SYSTEM AND WATER PROTECTION	12	2-Jul-20	31-Mar-26	15.39 %	
4.	E	EQUIPMENT AND SIGNALING	3	1-May-21	31-Mar-26	0.00%	
5	F	ENGINEERING CONSTRUCTIONS AND STRUCTURES					
	F	Bridges	54	19-Aug-19	31-Mar-26	83.61 %	Bridge Vranduk 1: Works on the structure of this construction completed. Bridge Vranduk 2: Works on the structure of this construction completed. Viaduct Crni Potok: Works on the structure of this construction completed. Viaduct Koprivna 1: Works on the structure of this construction completed.
	F	Culverts			31-Mar-26	68.18%	There are currently no works on culverts.
	F	Underpass			31-Mar-26		

	F	Retaining walls			31-Mar-26		
	F	Tunnel	54	19-08-19	31-Mar-26	0%	<p>Works completed on the three portal structures of the tunnel. Works on the installation of waterproofing and stream regulation above the gallery of the entrance portal of the right tunnel tube</p> <p>Note: In accordance with the Decision of JP Autocesta FBiH on the temporary Suspension of works, which was effective from 22 August 2023, all works on the construction site are temporarily suspended.</p>

6	G	INSTALLATIONS	54	19-Aug-19	31-Mar-26	9.43%	
7	M	DOCUMENTATION AND ADDITIONAL WORKS				94.09%	
8	N	GENERAL COSTS				175.75%	
		ADDENDUM IV - SUMMARY					
9	A	MAIN ROUTE		26-Jan-24	31-Mar-26	15.45%	Sectors 1, 6 and 7
10	C	Research works and geotechnics		26-Jan-24	31-Mar-26	14.88%	

11	D	Internal and external drainage		26-Jan-24	31-Mar-26	0.33%	
12	E	TRAFFIC EQUIPMENT AND SIGNALING		26-Jan-24	31-Mar-26	0%	
13	F	Constructions		26-Jan-24	31-Mar-26	2.14%	
14	G	Installations		26-Jan-24	31-Mar-26	0%	
7		CONTINGENT WORKS AND ADDITIONAL ALLOCATION OF FUNDS					
	VO-3	Carrying out additional geological research works for Mission G31				99.2%	
	VO-4	The difference in the cost of DMS				319.43%	
	VO-6	Protection M17				100%	
	VO-7	Variation for works on sector 4a				89.95%	On sector 4a (length 645 meters) works are in the final phase. Works on a buffer layer for the right lane started.
	VO-8	Rehabilitation of local roads				101.30%	

	VO-9	Alternative landfill for excavation material of the "Malinjak" Project				42.79%	The material is disposed at the Malinjak 1 and Boški Potok landfills. One part of the Malinjak 2 landfill is being used, the other part will be ready after the timber is cut and hauled away.
	VO-10	Additional works on the foundations for the pier positions S1L and S1D of the Vranduk 1 bridge				108.00%	
	VO-11	Improvement number 1: Modification of the foundation method of pier S1D on Vranduk 2 bridge and modification of the method of testing the bearing capacity of the piles of Vranduk 1 and Vranduk 2 bridges				100.00%	
	VO-12	Displacement of the electrical network				45.51%	Works suspended
	VO-13	Modification of the foundation method for the abutment U1D of the Vranduk 2 bridge				100%	Works completed
	VO-14	Works on playgrounds in the settlements of Koprivna and Novi Vranduk				101%	Works completed
	VO-15	Rehabilitation of damaged local roads				155%	Works completed
	VO-16	Modified geotechnical works and slope rehabilitation between profiles P124 and P133				97.10%	Excavation and slope protection completed. Construction of pavement structure.

	VO-18	Works of the redesigned sector 5				0%	The JPAC Management approved this Variation where the 426 day extension period was specified.
	VO-19	Renovation of retaining walls in the Varošište settlement				109.63%	Works completed.
	VO – 20	Works of the redesigned sector 2				0%	New variation order No. 28.
	VO – 21	Construction signs on the M17				100%	Signs placed in order to warn the traffic participants.
	VO – 22	Regulation of the stream Gladovići				105.6%	Works on this project in the final stage.
	VO – 23	Construction of a children's playground in Ponirak				111.4%	Works completed.
	VO – 24	Preparation of new projects for sectors 1, 2, 4, 5, 6, 7 and Vranduk tunnel portal				78.99%	Design development in progress.
	VO – 25	Rehabilitation of the landfall and geotechnical works according to the new design of sector 5				113.27%	
	VO – 26	Additional research works in sector 6:				99.1%	Work in progress.
	VO – 27	Works on relocation of the underground cable in sector 2				100%	Works completed before the construction of sector 2 begins.

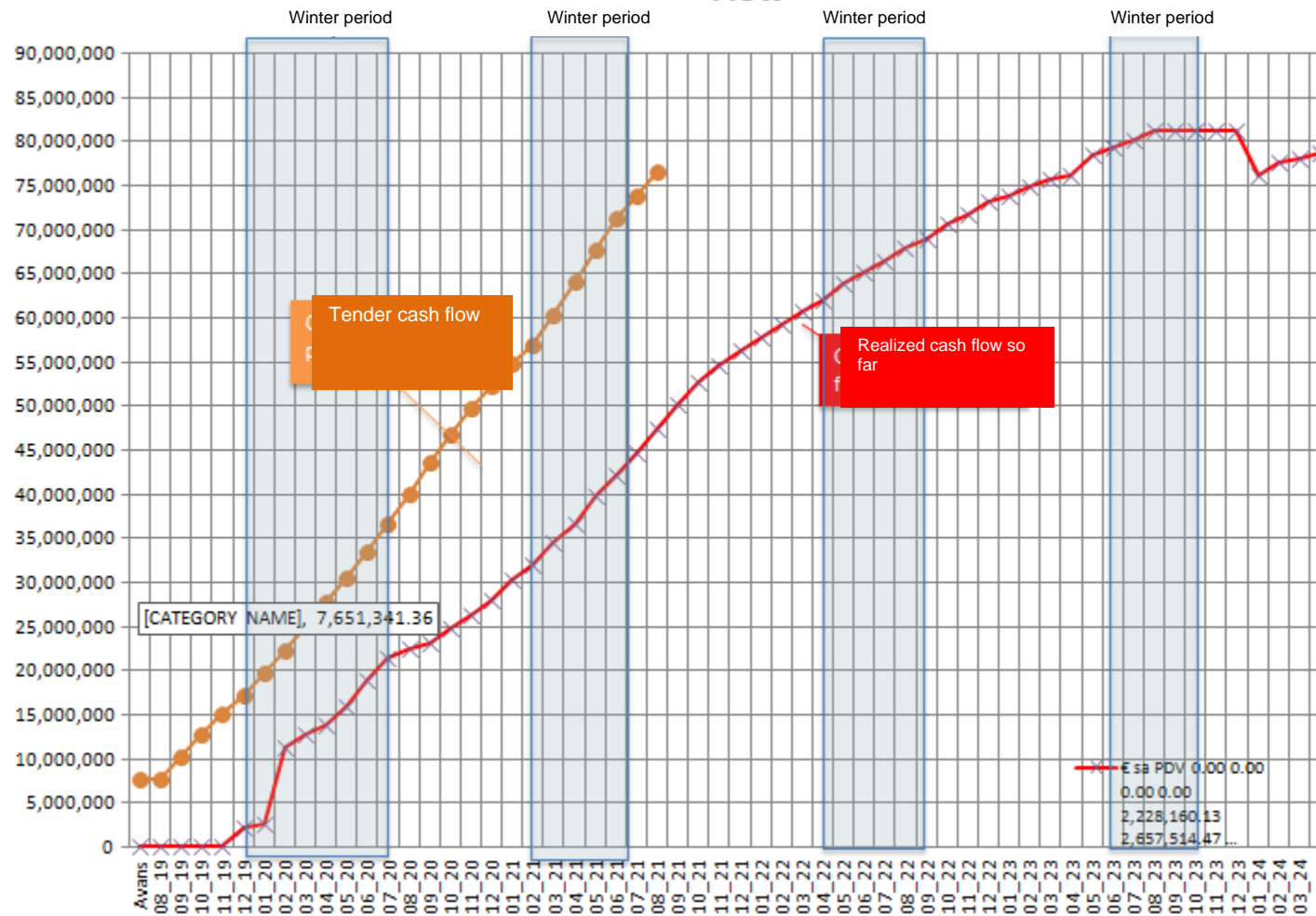
	VO – 28	Geotechnical works according to the redesigned sector 2				110.65%	
	VO – 29	The costs of renting plots for landfill L6, L7 and L8				100%	Additional area for disposal of excavated material. excavated material.
	VO – 30	Works on the Vranduk tunnel exit portals according to the new design specifications				92.50%	
	VO – 31	Works on the Vranduk tunnel entrance portals according to the new design specifications				97.40%	At the entrance portals of the Vranduk tunnel, galleries were built replacing two 60 cm thick and 10m long AB tunnel liners, including the construction of an AB wall between the galleries that serves as a protection for shotcrete and geotechnical anchors, and regulation of the stream at the entrance portal is planned.
	VO – 32	Additional works on the Vranduk tunnel				97.73 %	Two additional walls were built at the entrance portal of Vranduk tunnel. Additional secondary cladding of the tunnel made.
	VO – 33	Construction of the retaining wall between abutments U1L and U1D of the Vranduk II bridge				28.31%	Stabilization of the bank slope between the abutments
8		SPECIFICLY RESERVED SUMS					
	VO-1	The cost of creating and updating BIM models				75.26%	
	VO-2	The cost of the Designer's supervision				99.13%	

	VO-5	External quality control				74.76%	Regular implementation.
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Table 5. Work dynamics on the subsection Vranduk - Ponirak

Note: In accordance with the Decision of JP Autocesta FBiH on the temporary Suspension of works, which was effective from 22 August 2023, all works on the construction site are temporarily suspended.

Cash Flow



Cash Flow Chart 5. Vranduk – Ponirak

Subsection Ponirak - Vraca

No.:	Description of works	Duration (months)	Start date	Deadline	Completed %	Status of construction works in progress
1.	ROUTE					
	Motorway route	20	04/02/2020	15/10/2021	0	Not started
2.	LOCAL ROADS	2	11/11/2019	03/01/2020	37.74	Works currently not being carried out
3.	DRAINAGE SYSTEM AND WATER PROTECTION	3	19/06/2021	29/09/2021	0	Not started
4.	EQUIPMENT AND SIGNALING	10	19/06/2021	09/04/2022	60	The procurement of part of the material has been completed, the installation has started
5.	ENGINEERING CONSTRUCTIONS AND STRUCTURES					
	Tunnel Zenica	27	11/11/2019	27/02/2022	95	In progress
	Culverts	4.	14/04/2020	14/08/2020	81.30	Works currently not being carried out
	Underpass	4.	14/04/2020	14/08/2020	82.08	Works currently not being carried out
	Retaining walls	2	14/02/2020	13/04/2020	0	It will not be carried out according to the new Building Permit
6.	INSTALLATIONS	7	28/09/2021	04/04/2022	40	The procurement of part of the material has been completed, the installation has started

Table 6. Work dynamics on the subsection Ponirak - Vraca

Tunnel Zenica – Donja Gračanica Subsection

No.:	Description of works	Duration (days)	Start date	Deadline	Completed %	Status of construction works in progress
1	Motorway route "Northern section"	497	04/01/2020	14/05/2021	100	
2	Motorway route "South section"	480	29/10/2019	19/02/2021	100	
3	Interchange "Zenica North" and connecting road to M17 with toll area	300	26/04/2020	19/02/2021	100	
4.	Donja Gračanica Viaduct	435	29/10/2019	05/01/2021	100	
5	Zenica Tunnel (Vraca)	497	04/01/2020	14/05/2021	100	
6	Tunnel Hum	380	29/10/2019	11/11/2020	100	
7	Other roads for which the building permit is granted by the city of Zenica	433	29/10/2019	03/01/2021	100	
8	Construction and relocation of installations	564	29/10/2019	14/05/2021	100	

Table 7. Work dynamics on Zenica Tunnel - Donja Gračanica subsection

Tarčin – Entrance to Ivan tunnel Subsection LOT 1

No.:	Description of works	Duration (days)	Start date	Deadline	Completed %	Status of construction works in progress
1.	The main route	715	31/08/2021	15/08/2022	100	
2.	Other roads and traffic areas	275	31/08/2021	27/07/2022	100	
3.	External and internal drainage	550	31/08/2021	08/08/2022	100	
4.	Traffic equipment and signaling	340	10/07/2021	17/08/2022	100	
5.	Structures	705	31/08/2021	05/08/2022	100	
	Bridge 1. - Raštelica 1	613	01/12/2021	05/08/2022	100	
	Bridge 2. - Raštelica 2	510	31/08/2021	27/06/2022	100	
6.	Installations	341	15/03/2021	21/04/2022	100	
7.	Landscape design of traffic areas and toll booths	56	23/05/2022	27/07/2022	100	
8.	Other projects	440	15/03/2021	18/08/2022	100	
9.	Documents and additional works	719	31/08/2021	19/08/2022	100	
10.	Indirect expenses	719	31/08/2021	19/08/2022	100	
11.	Provisional sums	719	31/08/2021	19/08/2022	100	

Table 8. Work dynamics on subsection Tarčin - entrance to Tunnel Ivan LOT 1

SUBSECTION TUNNEL IVAN LOT 2

No.:	Description of works	Duration (months)	Start date	Deadline	Completed %	Status of construction works in progress
1.	The main route	30	06/07/2020	15/09/2022	100	
2.	Other roads and traffic areas	30	20/11/2019	15/09/2022	100	
3.	External and internal drainage	30	18/01/2021	15/09/2022	100	
4.	Traffic equipment and signaling	30	03/08/2021	15/09/2022	100	
5.	Structures	30	23/11/2019	15/09/2022	100	
	Hydrotechnical facilities on the watercourse Sirovica	30	04/05/2020	15/09/2022	100	
	Tunnel 1 – Ivan	30	23/11/2019	15/09/2022	100	
	Bradina bridge	30	06/05/2020	15/09/2022	100	
6.	Installations	30	04/12/2021	15/09/2022	100	
7.	Landscape design of traffic areas and toll booths	30	14/10/2021	15/09/2022	100	
8.	Other projects	30	06/04/2020	15/09/2022	100	
9.	Documents and additional works	30	23/11/2019	15/09/2022	100	
10.	General (indirect) expenses	30	23/11/2019	15/09/2022	100	
11.	Provisional sums	30	23/11/2019	15/09/2022	100	

Table 9. Work dynamics on Ivan Tunnel subsection LOT 2

Section Buna - Počitelj

No.:	Description of works	Duration (months)	Start date	Deadline	Completed %	Status of construction works in progress
1	MOTORWAY ROUTE		03/08/2018	27/10/2021	100	
2	OTHER ROADS AND TRAFFIC SURFACES		03/08/2018	27/10/2021	100	
3	GEO-RESEARCH AND GEOTECHNICAL WORKS		03/08/2018	27/10/2021	100	
4.	EXTERNAL AND INTERNAL DRAINAGE		03/08/2018	27/10/2021	100	
5	SIGNALING AND EQUIPMENT		03/08/2018	27/10/2021	100	
6	STRUCTURES		03/08/2018	27/10/2021	100	
	Grabovina overpass		03/08/2018	27/10/2021	100	
	Kevčić overpass		03/08/2018	27/10/2021	100	
	Bivolje Brdo underpass		03/08/2018	27/10/2021	100	
	Animal crossing at 12+500		03/08/2018	27/10/2021	100	
	Animal crossing at 15+660		03/08/2018	27/10/2021	100	
7	INSTALLATION 15+420-18+280		03/08/2018	27/10/2021	100	
8	LANDSCAPING OF TRAFFIC SURFACES AND OTHER CONTENTS		03/08/2018	27/10/2021	100	

9	INSTALLATION 11+100-15+420 AND OTHER PROJECTS		03/08/2018	27/10/2021	100	
10	NOISE PROTECTION		03/08/2018	27/10/2021	100	
11	DOCUMENTATION AND ADDITIONAL WORKS		03/08/2018	27/10/2021	100	
12	TOTAL COSTS		03/08/2018	27/10/2021	100	
13	PROVISIONAL SUMS		03/08/2018	27/10/2021	100	

Table 10. Work dynamics on Buna - Počitelj section

Počitelj – Zvirovići Subsection

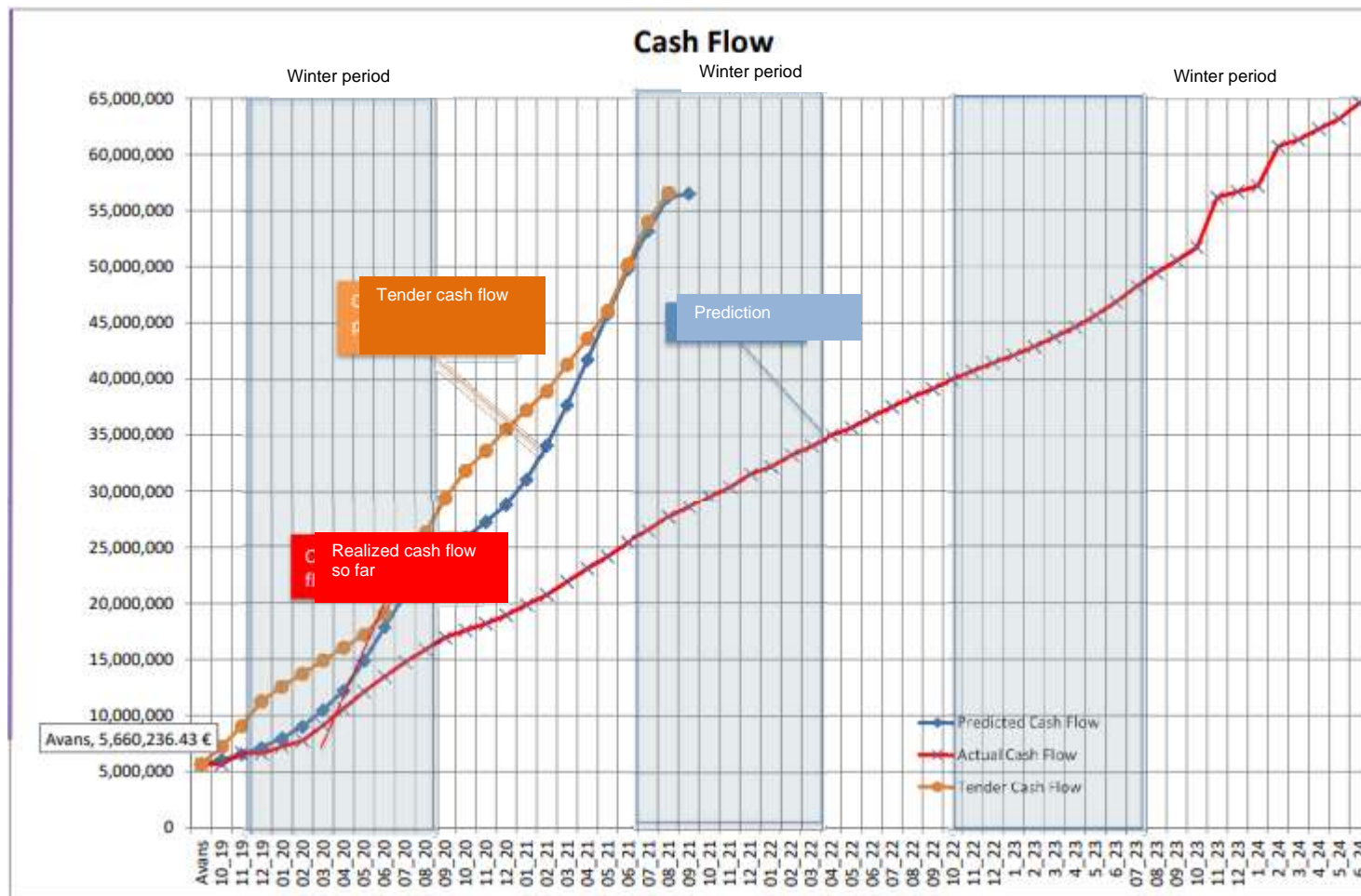
No.:	ID	Description of works	Duration (months)	Start date	Deadline	Completed %	Status of construction works in progress
		LOT 1 – SECTION 1					
1		MAIN ROUTE AND INTERCHANGES	38.5	26/09/2019	04/04/2024	99.40 %	In progress
2		OTHER ROADS AND TRAFFIC SURFACES	38.5	26/09/2019	04/04/2024	94.50%	In progress
3		RESEARCH WORKS AND GEOTECHNICS	5.9	28/04/2022	04/04/2024	99.60 %	In progress
4.		EXTERNAL AND INTERNAL DRAINAGE	38.5	26/09/2019	04/04/2024	98.90 %	In progress
5		TRAFFIC SIGNALS AND EQUIPMENT	28.5	25/07/2020	04/04/2024	92.00%	In progress
6		STRUCTURES:			04/04/2024		
	6.1	Underpass 0+429, local road Bivolje Brdo	35.5	06/01/2020	04/04/2024	100%	Completed
	6.2	Underpass Počitelj interchange 0+866,	31.5	28/05/2020	04/04/2024	98.00%	In progress
	6.3	Underpass 1+461, local road Ševaš Njive	34.5	17/01/2020	04/04/2024	100%	Completed
	6.4	Overpass 2+967, Gradina local road	32.3	06/04/2020	04/04/2024	95.00%	In progress
	6.5	Culverts		10/02/2020	04/04/2024	100%	Completed
7		INSTALLATIONS	14.0	13/10/2021	04/04/2024	98.88 %	In progress

8		ARCHITECTURE AND LANDSCAPING	24.3	05/12/2020	04/04/2024	80.75%	In progress
		LOT 1 - SECTION 2					
1		MAIN ROUTE	38.5	26/09/2019	04/04/2024	98.00%	In progress
2		OTHER ROADS AND TRAFFIC SURFACES	38.5	26/09/2019	04/04/2024	96.85%	In progress
3		RESEARCH WORKS AND GEOTECHNICS	18.5	26/05/2021	04/04/2024	98.50%	In progress
4.		EXTERNAL AND INTERNAL DRAINAGE	38.5	26/09/2019	04/04/2024	97.50%	In progress
5		TRAFFIC SIGNALS AND EQUIPMENT	15.8	14/08/2021	04/04/2024	85%	In progress
6		STRUCTURES:			04/04/ 2024		
	6.1	Bridge M2	11.5	27/01/2022	04/04/2024	98.00%	In progress
	6.2	Bridge M3	9.2	04/03/2022	04/04/2024	98.00%	In progress
	6.3	Bridge M4	17	15/07/2020	04/04/2024	100%	Completed
	6.4	Tunnel Počitelj, right 1163 m/left, 1192 m	37.1	04/12/2019	04/04/2024	99%	In progress
	6.5	Underpass 10.975, regional road, Orlovaca	24	02/01/2020	04/04/2024	100%	Completed
	6.6	Culverts	23.1	31/01/2020	04/04/2024	100%	Completed
7		INSTALLATIONS	19.8	17/04/2020	04/04/2024	93.5%	In progress
8		ARCHITECTURE AND LANDSCAPING	8.5	31/03/2022	04/04/2024	75.00%	In progress

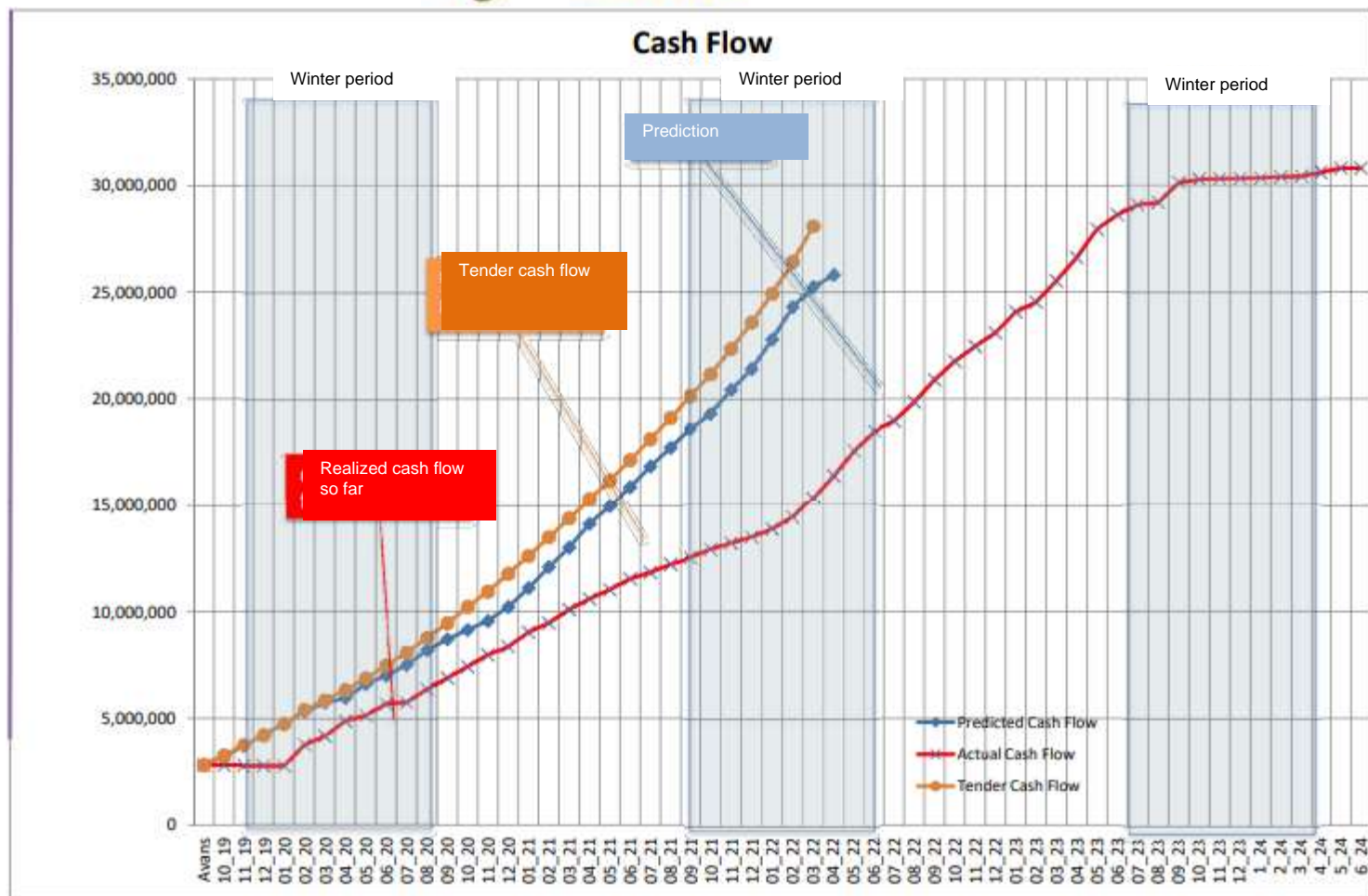
9		OTHER PROJECTS	9.9	25/02/2021	04/04/2024	88.00%	In progress
10		DOCUMENTATION AND ADDITIONAL WORKS	0.0			35.00%	In progress
11		GENERAL EXPENSES	0.0			98.00%	In progress
12		PROVISIONAL SUMS	36.7	10/10/2019	04/04/2024	85.00%	In progress
		LOT 2 - Bridge Počitelj					
1		EXTERNAL AND INTERNAL DRAINAGE	8.6	10/12/2021	29/08/2023	99.50%	In progress
2		OTHER ROADS AND TRAFFIC SURFACES SURFACES	8.6	21/12/2021	29/08/2023	22.55%	In progress
3		STRUCTURES	29.4	25/02/2020	29/08/2023		
		Road substructure (36%)	26.3	25/02/2020	29/08/2023	100.00%	Foundations S1, S2, S3, S4, S5 and S6 - completed; Construction of piles S1, S2, S3, S4, S5 and S6 - completed; U1 Abutment – completed U2 Abutment – completed
		Road superstructure (64%)	21.7	29/10/2020	29/08/2023	96.00%	Span construction - Base Segment S1, S2, S3, S4, S5 and S6 - completed 100%; S1, S2, S3, S4, S5 and S6 - span construction - completed 100%; Segment 0 - span construction completed 100% Segment 7 - span construction completed 100% Construction of CSB and handrails in progress - 75% repair work - ranges 2,3,4,5 6.-completed 100%

							Expansion devices on U1 and U2 - 100% completed Preparation of leveling layer in progress, 50% completed Roadway waterproofing works are in progress - 50% completed.
4.		INSTALLATIONS	8.4	24/12/2021	29/08/2023	90.80%	In progress
5		DOCUMENTATION AND ADDITIONAL WORKS				56.62%	In progress
6		GENERAL EXPENSES				97.94%	In progress
7		PROVISIONAL SUMS				68.50%	In progress

Table 11. Work dynamics on the Počitelj – Zvirovići subsection



Cash Flow Chart 7. Počitelj – Zvirovići



Cash Flow Chart 8. Počitelj – Zvirovići (LOT2)