

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

JP Autoceste FBiH d.o.o. Mostar

**PROJECT PROGRESS REPORT:
CONSTRUCTION OF MOTORWAY ON CORRIDOR Vc IN THE
FEDERATION OF BOSNIA AND HERZEGOVINA**

As of September 30th, 2022



This document was issued with financial aid of the European Western Balkans Joint Fund within the scope of the Western Balkans Investment Framework. The views published in this document are views of JP Autoceste FBiH, and therefore they cannot be considered as the official view of the contributors to the European Western Balkans Joint Fund or EIB as co-manager of the European Western Balkans Joint Fund.

Sarajevo, December 2022

CONTENTS

1. INTRODUCTION	3
2. LOAN AGREEMENTS.....	5
3. EU GRANTS.....	10
4. PROCUREMENT PLAN	15
5. LOTS ON CORRIDOR Vc	18
5.1. LOT 1: SVILAJ - KARUŠE.....	19
5.2. LOT 2: KARUŠE - TARČIN.....	23
5.3. LOT 3: TARČIN – MOSTAR NORTH.....	47
5.4. LOT 4: MOSTAR NORTH – BIJAČA	59
.....	59
6. ENVIRONMENT IMPACT	72
APPENDIX 1	73
Construction dynamics and cashflows on construction projects	73

1. INTRODUCTION

The Public Company Motorways of the Federation of Bosnia and Herzegovina Ltd. Mostar (hereinafter: JP Autoceste FBiH) was founded in accordance with the Law on Roads of the Federation of Bosnia and Herzegovina, and as a public company entity it operates since 01 January 2011. The activities of the JP Autoceste FBiH are defined by the Law on Roads of the Federation of Bosnia and Herzegovina, based on which JP Autoceste FBiH became the carrier and implementer of completion of a very complex and important project, construction of a part of international motorway Corridor Vc which connects Eastern and Central Europe with the Mediterranean coast. The legal framework for the activities of the Company, apart from the Law on Roads, consists of the Law on Motorway on the Corridor Vc, the Law on Companies in FBiH and 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 amendments were made. One of those amendments includes the introduction of Corridor Vc (Budapest – Osijek – Sarajevo – Ploče) into the basic European transport network.

Corridor Vc is a multi-modal road corridor that connects Hungary (Budapest) and Croatia (Ploče harbour), via Osijek (Croatia) and Sarajevo (Bosnia and Herzegovina), making it the largest transport infrastructure project in Bosnia and Herzegovina with a total length of 320 km, while the route of 273 km is passing through the Federation of Bosnia and Herzegovina. The construction of the motorway on Corridor Vc improves connection of BiH with the neighbouring countries and improves potentials for economic development. The project is strongly supported by the Government of the Federation of Bosnia and Herzegovina, and it is expected that it will enable Bosnia and Herzegovina a better integration with the European economic and social structures in Europe.

A total of 112.50 km of the motorway on Corridor Vc has been constructed and put into use, and it includes 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
- Zvirovići – Bijača.

The following pages of this report contain information about the dynamics of the project implementation under the jurisdiction of the JP Autoceste FBiH d.o.o. Mostar ending with September 30, 2022.



Map: Motorway on Corridor Vc in Bosnia and Herzegovina

2. LOAN AGREEMENTS

Pursuant to the Law on Roads FBiH, funds for maintenance, protection, renovation, reconstruction and construction of motorways in FBiH are provided from:

- public revenues (income from excise duties, toll fees, income from the utilisation of road land);
- loans;
- donations (grants).

Bosnia and Herzegovina signed loan agreements with international financial institutions for the purpose of constructing sections of the motorway on Corridor Vc in the Federation of Bosnia and Herzegovina. In the period from 2008 until 2020 agreements with the European Investment Bank, European Bank for Reconstruction and Development, OPEC Fund and Kuwait Fund for Arab Economic Development were signed. Basic data about all signed loan agreements for the purpose of motorway construction on Corridor Vc are provided in three tables below:

EIB			
European Investment Bank			
Number and date of agreement	Section to be financed	Loan amount in EUR	Loan status
Nr. 24.775 dated from 18-Dec-2008	Kakanj – Drivuša (including the Tunnel 1. Mart)	75 mil.	Loan repayment in progress.
Nr. 31.174 dated from 22 July 2012	Vlakovo – Tarčin and Svilaj – Odžak	166 mil.	Loan repayment in progress.
Nr. 83.975 dated from 11 November 2014	Počitelj – Zvirovići	100 mil.	Loan funds are operative, and withdrawal of tranches is in progress. The fifth tranche of the loan was withdrawn in June 2022.
Nr. 86.971 dated from 26 April 2018	Ponirak – Vraca	50 mil.	Loan funds are operative, and withdrawal of tranches is in progress. A request to amend the Finance Agreement was submitted. Preparation of Addendum for Finance Agreement is in progress, in order to enable total withdrawal of loan funds.
Nr. 87.195 dated from 26 April 2018	Tunnel Kvanj – Buna	100 mil.	Finance Agreement was ratified in December 2018, and in November 2018, a Sub-Financing agreement was signed. All conditions for withdrawal of the first tranche are fulfilled.
Nr. 89.502 dated from 27 February 2020	Tarčin – Ivan (LOT 1) and Poprikuše – Nemila	140 mil.	Finance Agreement was ratified in October 2020 and Subsidiary Agreement and Sub-Loan Agreement were also signed. The third

			tranche of the loan was withdrawn in June 2022.
Nr. 91.682 dated from 28 December 2020	Medakovo – Ozimice and Ozimice - Poprikuše	340 mil.	Finance Agreement was ratified in June 2021. Acceptance procedure of the Loan Agreement was completed by adoption of the Decision in the Parliament of FBiH in February 2022 by making the Decision on Loan Acceptance. Signing of the Sub-Loan Agreement is pending.
Total amount of EIB portfolio on Corridor Vc:		971 mil. EUR	

Table no. 1 – Loan Agreements with EIB

EBRD European Bank for Reconstruction and Development			
Number and date of agreement	Section to be financed	Loan amount in EUR	Loan status
Nr. 38716 dated from 28 October 2008	Kakanj – Drivuša Vlakovo – Tarčin Počitelj – Southern border Odžak – Northern border	205 mil.	Loan repayment in progress.
Nr. 47372 dated from 22 December 2015	Tunnel Zenica – Donja Gračanica and Buna – Počitelj	80 mil.	Loan funds were withdrawn in the amount of approx. 71 million EUR. The remaining project expenses will be paid from grant funds.
Nr. 48999 dated from 22 December 2016	Donja Gračanica - Klopče and Svilaj - Odžak	76 mil.	Loan funds were fully withdrawn as with 31.12.2020.
Nr. 49058 dated from 12 September 2018	Poprikuše - Nemila Tunnel Ivan (LOT 2) Mostar South - Tunnel Kvanj	70 mil. 50 mil. 60 mil.	Loan funds are operative as from 26 November 2020 and payment of applications by creditor is in progress. From May 2021 Tranche B funds for construction of sub-section Mostar South – Tunnel Kvanj (60 million EUR) are also available.
Nr. 50603 dated from 09 May 2019	Putnikovo brdo – Medakovo	60 mil.	Loan Agreement is ratified. Subsidiary Agreement was signed on 18 February 2021, and Sub-Loan Agreement was signed on 23 February 2021. The JP Autoceste received notification of legal validity of Loan Agreement on 27.04.2021.
Total amount of EBRD portfolio on Corridor Vc:		601 mil. EUR	

Table no. 2 – Loan Agreements with EBRD

OFID			
OPEC Fund for International Development			
Number and date of agreement	Section to be financed	Loan amount in EUR	Loan status
Nr.1588P dated 03 September 2014	Klopče – Donja Gračanica	48 mil. USD (43 mil. EUR)	Larger portion of the loan funds was withdrawn (approx. 17,000 USD remained)
Nr. 1589PB dated 03 September 2014	Klopče – Donja Gračanica	24 mil. EUR	Loan funds were fully withdrawn.
Nr. 12665 P from 30 August 2018	Vranduk – Ponirak	27,150,000 USD (23,193,838 EUR)	Loan funds were fully withdrawn in July 2022.
Nr. 12663 PB dated 30 August 2018	Vranduk – Ponirak	24,300,000 EUR	Loan funds were fully withdrawn.
KFAED			
Kuwait Fund for Arab Economic Development			
Number and date of agreement	Section to be financed	Loan amount in EUR	Loan status
Nr. 794 dated 21 July 2014	Drivuša – Klopče	10,500,000 KWD (31 mil. EUR)	Loan funds were fully withdrawn.
Nr. 1012 dated 19 February 2019	Nemila - Vranduk	11,600,000 KWD (approx. 36 mil. EUR)	On 26 November 2020 Notification from Kuwait Fund was received that the Loan Agreement became legally valid. Loan funds are operative, and withdrawal of funds is in progress.
Total amount of portfolio of other creditors on Corridor Vc:			181.4 mil. EUR

Table no. 3 – Loan agreements with other creditors

A new loan initiative was initiated by the JP Autoceste FBiH for the purpose of continuation of construction works on sections of Corridor Vc. Statuses of these initiatives are shown in the Table Nr. 4.

Number	Motorway section on Corridor Vc	Total amount of approved grant
1.	Ovčari – entrance to the Tunnel Prenj, Tunnel Prenj, Tunnel Prenj - Mostar North	600 mil. EUR
Creditors: EIB and EBRD		
The Government of the Federation of BiH 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 JP Autoceste FBiH the Decision on submission of the Request for loan for the purpose of financing of construction works on motorway section from Ovčari to Mostar South. The Government of FBiH in October 2021 by their conclusions supported the loan initiative in the amount of 300 million EUR with EIB and EBRD. The Council of Ministers also adopted the above-mentioned loan initiatives.		
2.	Mostar North – Mostar South	200 mil. EUR
Creditors: EBRD and commercial banks		
Following the Decision on Approval of the Government of FBiH in March 2021, the Mandate Letter EBRD for section Mostar North – Mostar South was signed. JP Autoceste FBiH in July 2021 submitted a Loan Request for the purpose of construction works of the motorway section Ovčari – Mostar South. The Government of FBiH in October 2021 by their conclusion supported the loan initiative in the amount of 50 million EUR with EBRD. JP Autoceste FBiH in December 2021, with assistance of procurement consultant provided by EBRD, announced a tender for bank debt with commercial banks in the amount of up to 150 million EUR, and the remaining funds will be provided by loans from commercial banks. The first procedure of public procurement of commercial banks with the assistance of procurement experts of EBRD was not successfully completed. Taking into consideration the period of time and significant increase of the estimated value of the project because of the movement of prices at the global market, a new structure of funding of the project was adopted. It includes increase of the EBRD funds from 50 million EUR to 110 million EUR, i.e. potentially 220 million EUR. In accordance with the new structure of funding, a Request for loan was updated. Tender for procurement of commercial debt was published again on 29 June 2022. Draft of grant application for EU funds was also submitted.		
3.	Vranduk – Ponirak additional debt	25 mil. EUR
Creditors: OFID		
In September 2019, the FBiH Ministry of Finance provided a negative opinion for the initiative for additional debt by instructing to find more suitable sources of financing. In March 2021 OFID delivered a letter of intention with updated terms of loan. In July 2021, JP Autoceste FBiH submitted an updated loan request under new, more suitable conditions. The Government of FBiH by its Conclusion from September supported the initiative for additional debt. The Council of Ministers of BiH adopted the initiative of the Ministry of Finance and Treasury in December 2021 and appointed the delegation for negotiations for the purpose of signing the Loan Agreement. The final draft of the Loan Agreement was delivered for adoption to the Council of Ministers. The signature of the Loan Agreement is expected after the Presidency of BiH appoints the authorised signatory on behalf of Bosnia and Herzegovina. Activities related to the signature of the Loan Agreement are in progress.		
4.	Nemila Vranduk additional debt	21 mil. EUR
Creditors: KFAED		
JP Autoceste FBiH submitted to the FBiH Ministry of Finance and FBiH Ministry of Traffic and Communications a Request for additional bank debt with Kuwait Fund in the amount of 21 million EUR. The Government of FBiH supported the initiative for provision of additional loan funds to be provided by Kuwait Fund for construction works on section Nemila –		

Vranduk. The Council of Ministers of BiH in December 2021 adopted the initiative of the Ministry of Finance and Treasury and appointed delegation for negotiations for the purpose of signing the Loan agreement. Delivery of the Loan Agreement Draft from creditor is expected to be completed.		
5.	Ivan - Ovčari	162 mil. EUR
Creditors: EIB		
Request for a loan in the amount of 162 million EUR (i.e. 50% of the project expenses) was submitted in September 2022, pursuant to the draft of Feasibility study from June 2022 in which a new estimate value of the sub-section in the amount of 324 million EUR was stated. EIB will also support application for investment grant of WBIF up to 40% of the estimated value of project expenses. JP Autoceste FBiH will send inquiries to other international financing institutions in order to complete the financial construction of the project with the remaining expenses of 10%.		
6.	Ponirak – Vraca additional debt	7.5 mil. EUR
Creditors: EIB		
Project solution and building permit were amended, making the length of section Ponirak – Vraca was enlarged to 3.90 km, and the length of the tunnel Zenica was enlarged to 3.50 km. Analysis of additional expenses for completion of the project and evaluation of expenses of construction works requires additional 14.3 million EUR, and the services of supervision requires additional 0.60 million EUR. The missing funds in the amount of 7.40 million EUR cannot be financed exclusively by JP Autoceste FBiH, and therefore in September 2022 a Request for additional bank debt in the amount of 7.50 million EUR was submitted.		
Total amount of submitted initiatives for new debts on Corridor Vc:		1,015.5 mil. EUR

Table no. 4 – Initiatives for new debts

3. EU GRANTS

JP Autoceste FBiH d.o.o. Mostar as the final user of the loans from European banks also applies for pre-accession grants of the European Union (Connectivity Agenda) which are implemented through the Western Balkans Investment Framework. Until the middle of 2022, the EU approved over 300 million EUR grants for Corridor Vc in the Federation of BiH. Funds are implemented through a creditor which finances the construction of the section (EIB or EBRD). If the grant is implemented through EBRD different Investment Grant Agreements are signed (between EBRD and BiH) and Technical Assistance Grants (one is signed between EBRD and JP Autoceste FBiH). If the grant is implemented through EIB, then one Grant Agreement is signed covering both components. Below is the status of grants that were approved for motorway sections on Corridor Vc.

Number	Motorway section on Corridor Vc	Total amount of the approved grant
1.	Svilaj – Odžak	19.6 million EUR
Date of approval: December 2015		Implementer: EIB
Grant funds in the amount of 14 million EUR for investment part were withdrawn. TA grant component is expected to be withdrawn during 2022.		
2.	Putnikovo brdo – Medakovo	16.5 million EUR
Date of approval: December 2019		Implementer: EBRD
Investment Grant Agreement was agreed. Signature is expected after the Presidency of BiH appoints the authorised signatory.		
Technical Assistance Grant Agreement will be signed directly between the creditor and JP Autoceste FBiH		
3.	Medakovo – Ozimice	79 million EUR
Date of approval: February 2022		Implementer: EIB
Application approved in 2022, Creditor will in the next period deliver draft of Grant Agreement.		
4.	Poprikuše – Nemila	41.17 million EUR
Date of approval: December 2019		Implementer: EBRD
Investment Grant Agreement in the amount of 36.07 million EUR was signed in April 2022. Parliamentary Assembly of BiH passed a Decision on issuing approval for ratification in July 2022. Ratification procedure will be completed after the Decision is made by the Presidency of BiH. The Government of FBiH made Decision on issuing an approval for acceptance of the investment grant in September 2022.		
Technical Assistance Grant Agreement in the amount of 5.05 million EUR was signed between EBRD and JP Autoceste FBiH on 2 August 2021. EBRD refunded funds in February 2022 for TA component and continued with direct financing of supervision expenses.		

5.	Tunnel Zenica – Donja Gračanica	11.48 million EUR
Date of approval: June 2018		Implementer: EBRD
<p>Investment Grant Agreement in the amount of 9.2 million EUR was signed in March 2021. The Presidency of BiH made Decision on ratification in July 2021, and the Agreement on sub-grant was signed in the same month. In March 2022, a notification from the bank about the effectiveness of Grant Agreement was received after which EBRD completed a refund of the funds owned by the JP Autoceste FBiH and continued with payment of construction expenses.</p>		
<p>Technical Assistance Grant Agreement in the amount of 2.80 million EUR was signed between EBRD and the JP Autoceste FBiH on 2 August 2021. EBRD refunded funds in February 2022 for TA component and continued with direct financing of expenses.</p>		
6.	Ponirak – Vraca (Tunnel Zenica)	19 million EUR
Date of approval: June 2018		Implementer: EIB
<p>Investment Grant Agreement was signed in December 2019. The Decision on ratification was published in October 2020. The Government of FBiH accepted Grant Agreement. Subsidiary Agreement and Sub-grant Agreement were signed in December 2020.</p> <p>The first tranche of the grant in the amount of 5 million EUR was withdrawn in June 2022.</p>		
7.	Tarčin – entrance to the Tunnel Ivan (Lot 1)	11.78 million EUR
Date of approval: December 2018		Implementer: EIB
<p>Investment Grant Agreement was signed on 29.07.2020, and the Decision on ratification was published in February 2021. The Government of FBiH accepted Grant Agreement. Subsidiary Agreement and Sub-grant Agreement were signed in February 2021. Waive Letter was signed in August 2022. The withdrawal of the first tranche is expected in the fourth quarter of 2022.</p>		
8.	Tunnel Ivan (Lot 2)	11.48 million EUR
Date of approval: December 2018		Implementer: EBRD
<p>Investment Grant Agreement was signed in April 2022 and it is forwarded to the ratification procedure. Parliamentary Assembly of BiH made Decision on issuing approval for ratification in July 2022. The Government of FBiH made Decision on issuing approval for acceptance of investment grant in September 2022.</p>		
<p>Technical Assistance Grant Agreement in the amount of 2.25 million EUR was signed between EBRD and JP Autoceste FBiH on 2 August 2021. EBRD refunded funds in February 2022 for TA component. Direct financing of supervision application is in progress.</p>		
9.	Tunnel Prenj	3.5 million EUR
Date of approval: June 2022		Implementer: EBRD
<p>Technical Assistance Grant was approved to the Unit for project implementation for expenses of services of technical assistance in June 2022. Technical Assistance Grant Agreement will be signed directly with the creditor.</p>		
10.	Mostar South – Tunnel Kvanj	30.3 million EUR
Date of approval: February 2022		Implementer: EBRD
<p>Grant application was officially approved in 2022. Creditor will deliver draft of Grant Agreement within the next period.</p>		

11.	Tunnel Kvanj – Buna	43.8 million EUR
Date of approval: November 2020/ February 2022		Implementer: EIB
Two applications were approved: first 20% in 2020, and additional 20% in the Sixth invitation in 2022. Creditor will deliver draft of Grant Agreement within the next period.		
12.	Buna – Počitelj	8.8 million EUR
Date of approval: December 2018		Implementer: EBRD
Investment Grant Agreement in the amount of 6.2 million EUR was signed in March 2021. The Presidency of BiH made Decision on ratification on 15 June 2021. The Agreement on sub-grant was signed in August 2021. In March 2022, a notification from the bank about the effectiveness of Grant Agreement was received. In May 2022 EBRD completed a refund of the funds and continued with payment of construction expenses from grant.		
Technical Assistance Grant Agreement in the amount of 2.52 million EUR was signed between EBRD and JP Autoceste FBiH in August 2021. EBRD refunded funds in March 2022 for TA component and continued direct financing of construction works from the grant.		
13.	Počitelj – Zvirovići	5 million EUR
Date of approval: June 2018		Implementer: EIB
Technical Assistance Grant Agreement between EIB and Ministry of Finance and Treasury and JP Autoceste FBiH was signed in November 2021. The Government of FBiH made Decision on issuing approval for acceptance of grant in February 2022. The Presidency of BiH made Decision on ratification of Grant Agreement in March 2022. The withdrawal of the first tranche of the grant is expected in the fourth quarter 2022.		
TOTAL AMOUNT OF APPROVED GRANT FUNDS		302,165,813 EUR

Table no. 5 – WBIF Investment grants

JP Autoceste FBiH d.o.o. Mostar delivered first drafts of applications for the Seventh Invitation for co-financing of investment projects via WBIF in June 2022. Applications for co-financing of five motorway sections on Corridor Vc were delivered as follows:

Section/Sub-section	The value of amount of WBIF application from the Seventh Invitation
Putnikovo Brdo - Medakovo	(additional 20% of the investment amount)
Ozimice - Poprikuše	(40% value of construction works + 100% value of supervision)
Poprikuše - Nemila	(additional 20% of the investment amount)
Tunnel Prenj	(40% value of construction works + 100% value of supervision)
Mostar North - Mostar South	(40% value of construction works + 100% value of supervision)

Table no. 6 – WBIF applications from the Seventh invitation

Apart from the investment grants, WBIF approved technical assistance grants for certain projects on Corridor Vc which will be implemented through IPF (Infrastructure Project Facility). As a result of these grants, the JP Autoceste FBiH will receive study and project documentation.

An official request for increase of the amount of technical assistance grants was submitted and the procedure of approval is in progress.

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

Sub-section	IFI	Amount in €	Grant Implementer	Status
Ivan – Ovčari	EIB	2,512,500	IPF9	IPF9 is in charge for preparation of the project documentation including: Feasibility Study, Environment Impact Study, preliminary design, main design and revision of the main design. The preparation of the study documentation was started in January 2021.
Ovčari – Entrance to the Tunnel Prenj	EBRD	3,051,180	IPF8	Two WBIF grants are implemented together in two components. Component 1 includes gap analysis, Environmental impact study and package of environmental and social documents in accordance with EBRD standards. The start of study preparation was in June 2020. The preparation of documentation is in progress.
Exit from the Tunnel Prenj – Mostar North	EBRD	3,893,500	IPF8	Component 2 includes the main design and tender documentation. The completion of the main design is expected in October 2022. Tender will be initiated after completion of the main design.

Table no. 7 – WBIF Technical Assistance Grants

4. PROCUREMENT PLAN

JP Autoceste FBiH d.o.o. Mostar prepared an expected plan of procurement of works and services according to the procedures of international creditors. The plan contains estimated values, and actual values are to be determined after completion of the tendering procedure.

Nr	Description	Estimate	Financed by	Agreement	Procurement	Tender	Agreement	
		Agreement value	EBRD, EIB KFAED, OFID/OPEC	Type	Method	Invitation Month / Year	Signature Month / Year	Completion Month / Year
1.	Putnikovo brdo - Medakovo motorway construction	55,500,000	EBRD	Works	Open procedure	Sep - 20	Oct - 22	Oct - 24
2.	Putnikovo brdo - Medakovo supervision of the construction	3,500,000	EBRD	Services	Competitive procedure	Nov - 20	Oct - 22	Oct - 26
3.	Sub-section Medakovo – Ozimice motorway construction	160,000,000	EIB and WBIF	Works	Open procedure	May - 22	Nov – 22	Apr – 25
4.	Sub-section Medakovo – Ozimice supervision of the construction	4,400,000	WBIF	Services	Competitive procedure	Feb - 22	Nov – 22	Apr – 25
5.	Section Medakovo – Poprikuše Technical assistance to the unit for project implementation	850,000	WBIF	Services	Competitive procedure	Jan - 22	Nov - 22	Jul - 26
6.	Sub-section Ozimice - Poprikuše motorway construction	172,600,000	EIB and WBIF	Works	Open procedure	Nov - 22	Feb - 23	Nov - 25
7.	Sub-section Ozimice - Poprikuše supervision of the motorway construction	4,700,000	WBIF	Services	Competitive procedure	May - 22	Jan - 23	Nov - 25
8.	Mostar South - Tunnel Kvanj motorway construction	66,970,000	EBRD	Works	Open procedure	Dec - 20	Dec - 22	Dec - 25
9.	Mostar South - Tunnel Kvanj supervision of the construction	3,500,000	EBRD	Services	Competitive procedure	Oct - 20	Oct - 22	Dec - 25
10.	Tunnel Kvanj - Buna motorway construction	98,100,000	EIB	Works	Open procedure	Aug - 22	Jun - 23	Jun - 25
11.	Mostar North - Mostar South Preparation of preliminary and main design	8,000,000	EBRD	Services	Competitive procedure	Dec - 21	Sept - 22	Jun - 23
12.	Mostar North - Mostar South Revision services	1,500,000	EBRD	Services	Competitive procedure	Dec - 21	Oct - 22	Jul - 23
13.	Mostar North - Mostar South supervision of the motorway construction	10,000,000	EBRD	Services	Competitive procedure	May - 22	Feb - 22	Jul - 26

14.	Mostar North - Mostar South motorway construction	350,000,000	EBRD and commercial banks	Works	Open procedure	Aug - 22	Jul - 23	Jun - 26
15.	Preparation of preliminary design with elements of the main design for the purpose of tunnel Prenj construction	6,000,000	EBRD	Services	Competitive procedure	Dec - 21	Oct - 22	Apr - 23
16.	Technical assistance to the unit for project implementation for section Tunnel Prenj	4,500,000	EBRD	Services	Competitive procedure	Jul - 22	Feb - 23	Feb - 31
17.	Tunnel Prenj Access roads construction	20,000,000	EBRD	Works	Open procedure	Jul - 22	Dec - 22	Aug - 23
18.	Tunnel Prenj Supervision of construction of access roads	750,000	EBRD	Services	Competitive procedure	Jul - 22	Dec - 22	Aug - 24
19	Tunnel Prenj construction	400,000,000	EBRD EIB WBIF	Works	Open procedure	Jul - 22	Mar - 23	Mar - 29
20.	Tunnel Prenj - Supervision	15,200,000	WBIF	Services	Competitive procedure	Dec - 22	May - 23	May - 29
INTERNATIONAL FINANCIAL INSTITUTIONS		1,386,070,000	EBRD, EIB, WBIF and commercial banks					
VAT (17%) PUBLIC COMPANY MOTORWAYS OF FBİH		235,631,900						
TOTAL:		1,621,701,900						

Table no. 8 – Procurement plan

Chart 1. shows total participation of international financial institutions, WBIF grant funds, as well as own funds of JP Autoceste FBİH d.o.o. Mostar in agreements for works and services for which procurement procedure is in progress.

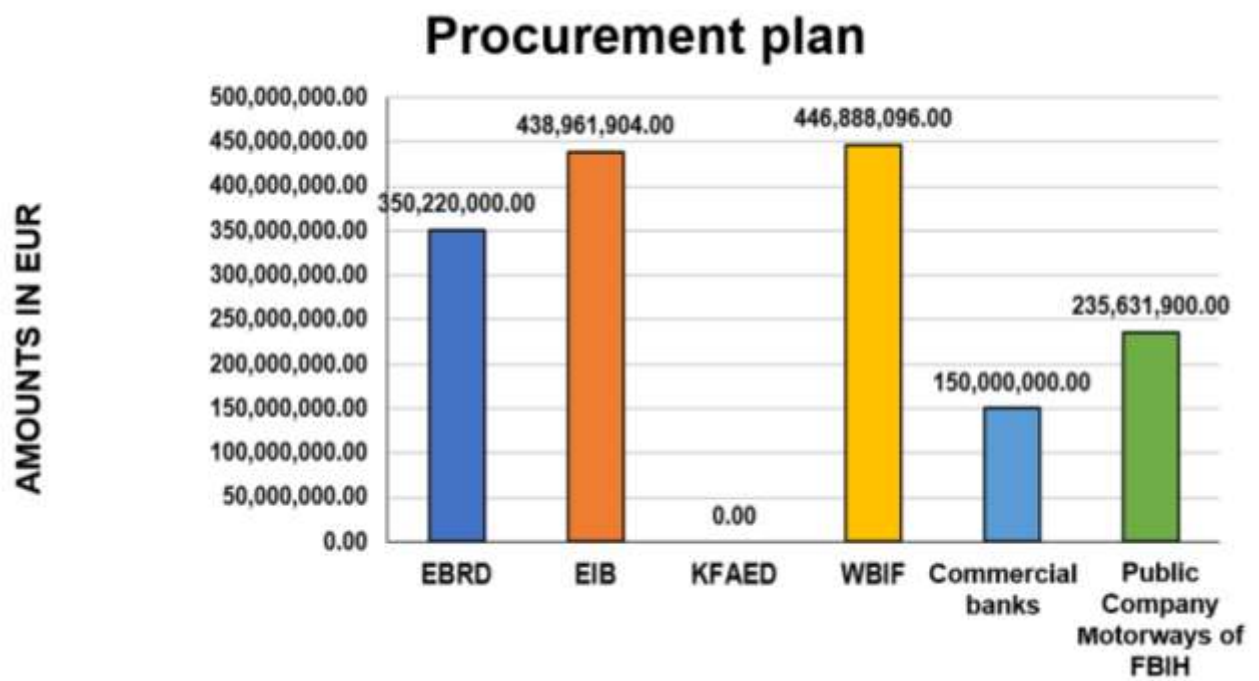


Chart 1. Procurement plan

5. LOTS ON CORRIDOR Vc

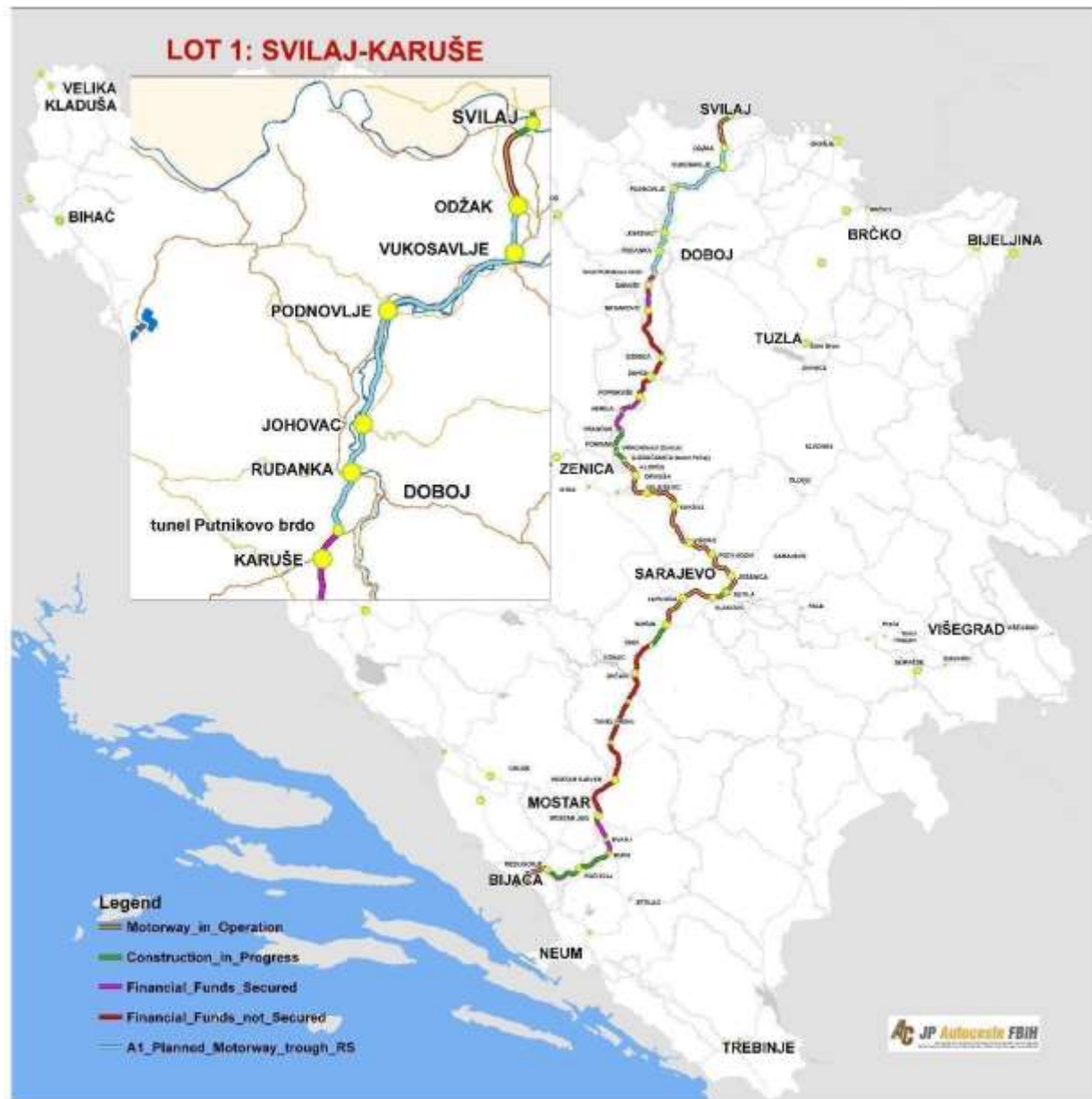


The Corridor Vc in BiH includes four main sections, referred to as Lots in the official documents and they are distributed from North to South, as below:

- **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 according to the above-mentioned LOTs shows the progress on sub-sections that are being prepared or under construction.

5.1. LOT 1: SVILAJ - KARUŠE



LOT 1 starts with section Svilaj – Odžak which was released for use on 30-Sep-2021. Motorway sections from Odžak to the Tunnel Putnikovo brdo are under the jurisdiction of JP Autoputevi RS, which is followed by a sub-section Putnikovo brdo – Medakovo. Although one part of the sub-section Putnikovo brdo – Medakovo (from Karuše to Medakovo) belongs to the LOT 2, data will be shown in this chapter.

SECTION SVILAJ – ODŽAK	
TECHNICAL DESCRIPTION	
Total length of the section is 10+400 km. Initial point of the section is the Bridge Svilaj, followed by a 300 m long section until the border crossing Svilaj, after which there is the Interchange Svilaj. Further on there is the frontal toll booth Svilaj. The section ends at the Interchange Odžak which is situated near Odžak. Implementation of the project is divided in two phases, because of the harmonisation with the dynamics of bridge construction over the Sava river. Construction of this section connects parts of the Corridor Vc in Croatia and Bosnia and Herzegovina.	
Financing	EIB loan Nr. 31.174
	EBRD loan Nr. 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 07-Sep-2010 Amendment of the environmental permit UPI 05/02-23-11-75/16 dated from 06.06.2016
Number and date of the building permit	UPI/03-23-2-321/12 dated 14-Dec-2012 Amendment of the building permit UPI/03-23-2-321-1/12 dated 10-Oct-2014
Number and date of the exploitation permit for Phase I	UPI/03-23-2-229/15 dated 09-Nov-2015
Number and date of the exploitation permit for Phase II	UPI/03-19-2-320/20 dated 13-Sep-2021
CONSTRUCTION WORKS	
Contractor	Joint Venture Strabag AG, Euro- Asphalt Ltd. Sarajevo and GP ŽGP P.l.c. Sarajevo
Agreement number	JPAC 327-B45-12 dated 12-Sep-2013 (during realisation of the agreement, six addenda were signed to the agreement)
Agreement value	83,822,098 EUR with VAT included, amended by addenda to 41,069,250.13 EUR for Phase I, and 44,579,348.66 EUR for Phase II
Due date	420 days, amended by addenda to 400 days as of 15 March 2018
SUPERVISION SERVICES	
Consultant	Aecom Inocsa S.L.U. Spain
Agreement number	Phase I: JPAC 328-E152-12 dated 02-Sep-2013 (during realisation of the agreement one addendum was signed to the agreement)
	Phase II: JPAC 819-E426-17 dated 10-Sep-2017 (during realisation of the agreement one addendum was signed to the agreement)
Agreement value	Agreement value for the Phase I amounts 2,645,311.50 EUR-a with VAT included, and this value was increased by Addendum Nr. 1 to 3,204,199.44 EUR-a with VAT included
	Agreement value for the Phase II amounts 1,186,672.50 EUR-a with VAT included, and this value was increased by Addendum Nr. 1 to 1,382,793.75 EUR-a with VAT included
Agreement period	Phase I: 38 months, extended by Addendum to 46 months

	Phase II: 33 months, extended by Addendum to 51 months
Federal Ministry for Spatial Planning issued exploitation permit for the section Svilaj – Odžak, and this section was released for traffic on 30.09.2021.	
RECAPITULATION OF PAYMENTS FOR WORKS	
Recapitulation of payments for works	67,948,008.32 EUR without VAT, i.e. 79,499,169.73 EUR with VAT included
RECAPITULATION OF PAYMENTS FOR SUPERVISION	
Recapitulation of payments for supervision	3,920,507.00 EUR without VAT, i.e. 4,586,993.19 EUR with VAT included

Recapitulation: EIB Loan no. 31.174, EBRD Loan Nr.48999, own funds and WBIF grant

Payment by category	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: grant funds*	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 a refund of grant funds in the amount of 4,711,491 EUR was made for the section Svilaj – Odžak on the basis of the request of Ministry of Finance and Treasury BiH number 06-21-2-1876-37/19

SECTION PUTNIKOVO BRDO – MEDAKOVO	
TECHNICAL DESCRIPTION	
<p>The section is 8.5 km long. The route starts at the exit of the tunnel Putnikovo brdo 2 at the border between two entities. It extends further toward the intersection Usora where a sideways toll booth is situated, after which the route passes over the bridge constructed over the regulated riverbed of the Usora river and over the bridges it reaches Karuše. In Karuše, the route passes through a hill, and on that location a 220 m long cut&cover system is planned. The route passes further through the places Tešanjka, and Medakovo as well as unpopulated areas. The section ends after the intersection Medakovo.</p>	
FINANCING	
<p>EBRD, agreement number 50603 EU grant number WB-IG04-BIH-TRA-01</p>	
PROJECT DOCUMENTATION	
<p>End of September 2020 a preparation of an innovated main design for sections Putnikovo brdo – Karuše and Karuše – Medakovo was completed.</p>	
APPROVALS AND PERMITS	
<p>In June 2016, the Federal Ministry of Environment and Tourism issued the Decision on renewed environmental permit for a complete LOT1 Svilaj – Doboj South (Karuše), whereas in September 2019 they issued environmental permit for a complete LOT2 Doboj South (Karuše) – Sarajevo North.</p> <p>In September 2021, the Federal Ministry of Spatial Planning issued the Decision on urban permit for a complete section Putnikovo brdo – Medakovo.</p> <p>Request for issuing of Building permit was submitted in July 2022. The processing of the request is in its final phase.</p>	
EXPROPRIATION	
<p>The route of this section passes through municipalities Tešanj, Doboj Jug, and Usora, and expropriation procedure was initiated in all the above-mentioned municipalities. In the Tešanj Municipality of 332 subjects, 326 subjects were completed. In the Usora Municipality of 133 subjects, 111 subjects were completed. In the Doboj Jug Municipality 76 subjects were completed. 99.07% of the surface area included in the expropriation study was expropriated.</p>	
PROCUREMENT - SERVICES	
<p>Services of contractors Type of procedure: Open procedure with pre-qualification Pre-qualification procedure was completed in January 2022, when the Bank issued its approval on evaluation report of the first phase. Evaluation of offers in the second phase was completed. The report was prepared and sent to the Bank for their approval in July 2022. The Bank issued their approval on the evaluation report for the second phase on 22.07.2022. It is estimated that the agreement could be signed in the fourth quarter of 2022.</p>	
<p>Services of supervision Type of procedure: Competitive Invitation for expression of interest was announced in October 2020, and the deadline for application submission was December 2020. Evaluation report was completed and sent to the Bank for their approval, which was delivered in February 2022. Invitation for submission of technical offers was announced in April 2022, evaluation of technical offers was completed and Bank's approval of the report was received in June 2022. Opening of financial offers was held on 02.07.2022 and preparation of the revised financial report is in progress. It is estimated that the agreement for the services of supervision could be signed in the fourth quarter of 2022.</p>	

5.2. LOT 2: KARUŠE - TARČIN



145 km long LOT 2 is the longest LOT on the Corridor. It consists of sections from Doboj South until Sarajevo South (Tarčin). The largest part of LOT 2 consists of already constructed motorway section (Zenica North – Zenica South and Zenica South – Tarčin) which is already in use and in the system of toll payment, with a length of 92.9 km. The Zenica bypass (Zenica North – Zenica South) which consists of sub-section Drivuša – Klopče, Klopče – Donja Gračanica and part of the section Tunnel Zenica – Donja Gračanica was released for traffic on 15 July 2021. Other sections on this LOT are in the preparatory phase or under construction which is shown in the following pages of this chapter. Information on motorway part from Karuše to Medakovo are shown in the previous chapter, and we start this chapter with the section Medakovo – Ozimice

SECTION MEDAKOVO – OZIMICE	
TECHNICAL DESCRIPTION	
<p>The length of the section according to the main design is 21.7 km. Starting point of the section is located after the intersection Medakovo, and the next approx. 10 km of the route passes mainly through settlements: Medakovo, Alispahići, N.Šeher, Ljubatović. The route also contains a tunnel with the approximate length of 2200 m and rest area from both sides. After exiting the tunnel, the route is laid to the south. Afterwards, the route passes around borders of small settlements and comes to the interchange Ozimice where the subject section ends.</p>	
FINANCING	
<p>EIB, agreement number 91.682 EU grant, application submitted in the Sixth WBIF invitation. Application was positively graded.</p>	
PROJECT DOCUMENTATION	
<p>Main design and revision of the main design were completed.</p>	
APPROVALS AND PERMITS	
<p>In September 2019, the FBiH Ministry of Environment and Tourism issued the Environmental permit for the complete LOT 2 Doboj South (Karuše) - Sarajevo North. Urban permit was obtained. Building permit will be obtained after fulfilment of the legal requirements, including revised main design and finalised procedure of expropriation.</p>	
EXPROPRIATION	
<p>The route of this section passes through Tešanj Municipality, Maglaj Municipality and Žepče Municipality. Expropriation procedure is in progress. The characteristic of this section is a large number of residential buildings that need to be expropriated. In Tešanj Municipality it is necessary to expropriate totally 704 land lots, of which 485 lots have been expropriated up until now. Concerning the number of subjects, of the total 404 subjects, 311 subjects have been completed so far. A total of 65.82% of the surface area included in the expropriation study was expropriated. In Maglaj Municipality it is necessary to expropriate 220 land lots. Of the 112 cases formed in the administrative procedure, 74 cases have been completed until now. 63.72% of the surface area included in the expropriation study was expropriated. Expropriation procedure in Žepče Municipality includes 326 land lots. In cadastral municipality Ljubatovići, of the total 74 cases, 59 cases have been completed. The preparation of the expropriation cases for cadastral municipality Goliješnica is in progress. In cadastral municipality Ozimica until now 14 expropriation cases have been completed.</p>	
PROCUREMENT – SERVICES	
<p>Services of contractors Type of procedure: Open procedure without pre-qualification Preparation of tender documentation was completed and the Bank's approval of the tender documentation was delivered on 09 June 2022. On the same day, the invitation for submission of offers with deadline for submission until 16 August 2022 was published. Evaluation of offers was completed; evaluation report of Phase II was delivered to the bank on 24 August 2022. The Bank provided approval on technical evaluation report on 29 August 2022.</p>	

Services of supervision**Type of procedure: Competitive**

Invitation for expression of interest was announced at the end of February 2022, and the deadline for application submission was mid of April 2022. Evaluation of applications was completed and sent to the Bank for their evaluation report, which was delivered in May 2022. Invitation for offer submission was announced in June 2022, and the deadline for offer submission was 28 July 2022. Evaluation of technical offers was completed; technical evaluation report was sent for the Bank's approval on 12-Sep-2022.

Technical Assistance Services for PIU Medakovo – Poprikuše

Public procurement procedure is in its final phase. Bank's approval of the final evaluation report was delivered on 03 August 2022. Signature of the agreement with the selected tenderer is expected in the next quarter.

Services Biodiversity for the section Medakovo – Poprikuše**Type of procedure: Direct**

Evaluation of offers was completed. Agreement in the amount of 40,000.00 EUR without VAT, i.e. 46,800.00 EUR with VAT included was signed with Zagrebinspekt Ltd. Mostar.

Services Revision of road safety (RSA) for the section Medakovo – Poprikuše**Type of procedure: Direct**

Evaluation of offers was completed. Agreement in the amount of 49,240.00 EUR without VAT, i.e. 57,610.80 EUR with VAT included was signed with Ecoplan Ltd. Mostar.

SECTION OZIMICE – POPRIKUŠE	
TECHNICAL DESCRIPTION	
<p>The section is 12.8 km long. The section from Ozimice to Tatarbudžak is in the corridor of the route that was previously approved by the local community. From Tatarbudžak, the route descends to the area of the settlement Šećin Han between the corridor of the route of the main road and railway from one side and riverbed of the Bosna River from the other side. Further, the route follows mainly that corridor until the starting point of the next section Poprikuše – Zenica North. The route affects settlements Varišišće, Šećin Han, Brezovo polje and ends in Golubinja. Intersection Poprikuše is planned at the very junction of the two sections. On this route, a total of 10 bridges are planned, and larger and more demanding structures are planned over the riverbed of the Bosna river, main road and railway. This route also includes four tunnels and one rest area.</p>	
FINANCING	
<p>EIB, agreement number 91.682</p> <p>EU grant, application submitted in the Sixth WBIF invitation, but due to the level of project readiness, the application submission will be repeated in the next WBIF invitation.</p>	
PROJECT DOCUMENTATION	
<p>Preliminary design was completed. Agreement for procurement of the main design was signed on 05 October 2021. The predicted period of contract is ten months. The preparation of the main project is in progress. The period was extended for architect because of problems with access to the location of a drill site.</p>	
APPROVALS AND PERMITS	
<p>In September 2019, the FBiH Ministry of Environment and Tourism issued the Environmental permit for the complete LOT 2 Dobož South (Karuše) - Sarajevo North.</p> <p>Request for issuing the urban permit will be submitted after the selected Architect who is in charge for preparation of the main design unites and completes the previously completed project documentation together with the new one, with the aim of unobstructed obtaining of all permits.</p> <p>Building permit will be obtained after fulfilment of the legal requirements, including revised main design and finalised procedure of expropriation. Preparation of the main design is in progress.</p>	
EXPROPRIATION	
<p>Expropriation procedure on the basis of the available expropriation studies for 6.2 km of the route was initiated in Žepče Municipality. Of the 279 land plots in 4 cadastral municipalities in Žepče, 220 land plots have been expropriated, which is a percentage of 57.36% of totally expropriated surface area included in the expropriation study for the first part of this section.</p>	
PROCUREMENT - SERVICES	
<p>Services of contractors</p> <p>Type of procedure: Open procedure with pre-qualification</p> <p>Decision on procedure initiation was made in April 2022. Pre-qualifying documentation was sent to the Bank for approval in July 2022. Currently, adjustment of amendments of the pre-qualifying documentation is in progress.</p>	
<p>Services of supervision</p> <p>Type of procedure: Competitive</p> <p>Decision on procedure initiation was made in April 2022. Invitation for expression of interest was announced in May 2022, and the deadline for application submission was 06 July 2022. Evaluation of applications was completed; evaluation report was sent to the Bank in August 2022. Bank's approval of the evaluation report was delivered at the beginning of September 2022.</p>	

SUB-SECTION POPRIKUŠE – NEMILA	
TECHNICAL DESCRIPTION	
<p>The section starts close to the settlement Poprikuše, souther from town Žepče. The route starts with the bridge over the Bosna river, intersection Poprikuše, continues over the viaduct over the main road M17, and enters the tunnel Golubinja with a length of approx. 3.5 km. After exiting the tunnel Golubinja, the route again crosses the main road M17, and the Bosna River over the bridge with length of approx. 220 m, and railway over the viaduct with a length of approx. 110 m. After the above-mentioned viaduct, the route ends and joins the next section. The total length of this route is approx. 5.5 km.</p>	
Financing	EIB agreement number 89.502
	EBRD agreement number 49058
	EU grant broj WB-IG04-BIH-TRA-02
Number and date of the environmental permit	Nr.: UPI 05/2-23-11-144/19 dated 27-Sep-2019
Number and date of the urban permit	Nr.: UPI/03-23-2-325/18 dated 29-Nov-2018, Ammended urban permit Nr. UPI/03-23-2-325/18 dated 07January 2022
Number and date of the building permit	Nr.: UPI/03-19-2-126/22 dated 11 July 2022
CONSTRUCTION WORKS	
Contractor	Cengiz İnşaat Sanayi ve Ticaret A.S.
Agreement number	JPAC 990-B99-18 dated from 16.11.2020
Agreement value	208,059,247.42 EUR with VAT included
Due date	42 months i.e. May 2024
SUPERVISION SERVICES	
Consultant	IRD Engineering S.r.l.
Agreement number	JPAC 988-E506-18 dated from 29.04.2020
Agreement value	5,194,800 EUR with VAT included
Agreement period	67 months
Addenda	Addendum Nr.1 signed on 06 October 2021. The agreed price was increased for the amount of 48,000.00 EUR without VAT because of employment of the Social expert in order to provide proper consultancy services in reference to the social issues during the construction of the section Poprikuše - Nemila. The agreement value is now 4,488,000.00 EUR without VAT, i.e. 5,250,960.00 with VAT.

TECHNICAL ASSISTANCE PIU			
Consultant	Joint Venture: Hill International N.V. and OMEK Consulting Engineers S.A.		
Agreement number	JPAC 989-E507-18 dated from 22.07.2020		
Agreement value	1,391,482.17 EUR with VAT included		
Agreement period	67 months		
ACTIVITIES AT THE CONSTRUCTION SITE IN THE REPORTING PERIOD			
Description of performed works			
<p>Tunnel Golubinja: Excavation and primary sub-construction, waterproofing works, construction of floor area, base and secondary revetment, water supply system.</p> <p>Motorway route: Groundwork – excavation, filling, stabilisation of river banks, reinforced fillings.</p> <p>Local roads: Asphalting of the local road 1; excavation, replacement of the sub-ground and preparation of filling on the local road Nr. 2</p> <p>Overpass Kovanići: Preparation of the span frame</p> <p>Bridge Golubinja 1: Installation of middle pillars, struts, preparation of the span frame, installation of beds, safety fence</p> <p>Bridge Golubinja 2: Installation of beds</p> <p>Bridge over the Željeznica river: Preparation of the span frame</p> <p>Toll booth: Preparation of the installation channel.</p>			
Current challenges related to the project implementation and undertaken measures			
<p>Challenges: Excavation of the tunnel and primary construction: Current geological conditions are very demanding, and for stabilisation the strongest structural support system is used. Change of deformation (convergence) in the tunnel is up to 20 centimetres. 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.</p> <p>Material procurement: Supplier currently does not have problems with procurement of materials that might be caused by the war in Ukraine. Problems that occur are caused by the constant and enormous growth of prices, so that certain suppliers are not able to deliver ordered materials.</p> <p>Undertaken measures: Works on the primary construction and excavation of the tunnel are performed in accordance with the predicted geological conditions and project documentation. Problems with material procurement do not influence the dynamics of works, as the Contractor has agreements with several suppliers, and the payment is mainly done in advance.</p>			
Challenges related to the price escalation:	Total price escalation until 30 th September is in amount of EUR 18.048.834,04. Estimated price increase escalation until project completion is up to 40,40%.		
Number of employees:	July: 326	August: 334	September: 321
Number of subcontractors	July: 21	August: 21	September: 21

EXPENSES OF PROJECT REALISATION			
Temporary situation	Date of payment	Amount without VAT in EUR	Amount with VAT in EUR
WORKS - Cengiz İnşaat Sanayi ve Ticaret A.S.			
Σ 1-16	until 30.6.2022	61,169,123.38	71,567,874.35
PS 17	7.7.2022	6,735,657.49	7,880,719.26
PS 18	1.8.2022	5,162,407.20	6,040,016.42
Q3	01.07-30.09.2022	11,898,064.69	13,920,735.69
TOTAL WORKS:	until 30.09.2022	73,067,188.07	85,488,610.04
SUPERVISION - IRD Engineering S.R.I.			
Σ 1-16	until 30.6.2022	1,693,067.23	1,980,888.66
PS 17	9.9.2022	91,375.50	106,909.34
PS 18	9.9.2022	91,311.75	106,834.75
Q3	01.07-30.09.2022	182,687.25	213,744.08
TOTAL SUPERVISION:	until 30.09.2022	1,875,754.48	2,194,632.74
TA-Joint Venture: Hill International N.V. and OMEK Consulting Engineers S.A.			
Σ 1-12	until 30.6.2022	162,262.04	189,846.59
PS 13	26.7.2022	22,277.50	26,064.68
PS 14	25.8.2022	22,277.50	26,064.68
Q3	01.07-30.09.2022	44,555.00	52,129.35
TOTAL TA	until 30.09.2022	206,817.04	241,975.94
TOTAL EXPENSES OF PROJECT REALISATION PAID UNTIL 30.09.2022		75,149,759.59	87,925,218.72

RECAPITULATION BY FINANCING SOURCES		
SOURCE OF FINANCING	TYPE OF EXPENSE	AMOUNT WITHOUT VAT IN EUR
EBRD Nr. 49058	WORKS	61,169,123.38
EIB Nr 89.502	WORKS	11,898,064.69
WBIF Grant for TA component	SUPERVISION	1,875,754.48
Own funds	TA	206,817.04
TOTAL		75,149,759.59

Note: Services of technical assistance were paid from own funds in order to enable the refund of service expenses from WBIF grant, and after the signature of the addendum for Technical Assistance Grant Agreement with EBRD.

SUB-SECTION NEMILA – VRANDUK	
TECHNICAL DESCRIPTION	
The length of the section is 5.6 km. Constructions on this section include viaduct Stara Stanica, four posts with relocation of local roads and widened bridge at the entrance to settlement Nemila. Also, relocation of the main road M-17 in the length of approximately 3.6 km and regulation of the riverbed of the Bosna River.	
Financing	Kuwait Fund for Arab Economic Development, agreement number 1012 (KFAED)
Number and date of the environmental permit	Nr: UPI 05/2-23-11-144/19 dated 27 September 2019
Number and date of the urban permit	Nr: UPI 03-23-2-384/18 dated 14 January 2019
Number and date of the building permit	Nr: UPI 03-19-2-172/21 dated 14 September 2021
CONSTRUCTION WORKS	
Contractor	HGG İnşaat Anonim Sirketi
Agreement number	JPAC 1084-B104-19 dated 28 February 2022
Agreement value	64,956,530.00 EUR with VAT included
Due date	24 months
SUPERVISION SERVICES	
Consultant	Adel Al-Obaid Engineering Consultants and Ipsa Institut Ltd.
Agreement number	JPAC 956-E487-18 dated 25 August 2021
Agreement value	1,500,525.00 EUR with VAT included
Agreement period	50 months
ACTIVITIES AT THE CONSTRUCTION SITE IN THE REPORTING PERIOD	
Description of performed works	
<p>In the previous reporting period, preparatory and permanent works on construction of motorway route and re-location of the main road M17 are performed including cleaning of the terrain, destruction of the constructions on the route, cutting of the forest, geo-research works, and excavation and filling on the large portion of relocated main road M-17 and partially on the motorway route.</p> <p>Contractor builds AB constructions of underpasses ("Nemila North" and "Rest area") as well as plate and tube culverts under the trunk of the motorway and relocated main road. AB constructions of sustaining wall M17-1 and M-17-3 are built by building base on piles, which are placed along the riverbed of the Bosna River. AB works are performed on the construction of the regulation of the riverbed of the Nemila river.</p> <p>Also, the contractor works on a temporary regulation of the riverbed of the Bosna River, by re-directing and building of groynes to perform their activities in dry conditions.</p> <p>In parallel with ground and concrete works, the following works are performed: relocation, protection and construction of various utility constructions.</p> <p>The preparation of the missing project and agreement documentation is in progress (main design, implementation projects, geo-technical missions etc.)</p>	

Current challenges related to the project implementation and undertaken measures

Challenges: Works are performed near the existing main road with increased traffic.

Undertaken measures: Study of temporary traffic regulation was made, based on which the approval from the competent Ministry was obtained. Construction zones are properly marked by traffic equipment and signalisation.

Challenges: Construction works are planned to be performed closely to the residence buildings (houses) in the area of settlement Stara Stanica.

Undertaken measures: There were conversations and meetings with the local population and informing about the construction works. Construction zone marking was completed, and competent engineer completed the analysis and recommendations for solving and working on this location.

Challenges: Works on the regulation of the Bosna River through Nemila were planned. It is one of the largest water-courses in Bosnia and Herzegovina which often overflows and causes floods on this location.

Undertaken measures: The main design of 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.

Challenges related to the price escalation:	Total price escalation until 30 th September is in amount of EUR 293.895,19. Estimated price increase escalation until project completion 20% of contracted value of works.		
Number of employees:	July: 119	August: 136	September: 137
Number of subcontractors	July: 8	August: 8	September: 8

EXPENSES OF PROJECT REALISATION			
Temporary situation	Date of payment	Amount without VAT in EUR	Amount with VAT in EUR
WORKS - HGG İnşaat Anonim Sirketi			
Advance payment	until 30.6.2022	5,551,840.17	6,495,653.00
PS 1	2.9.2022	610,478.38	714,259.70
Q3	01.07-30.09.2022	610,478.38	714,259.70
TOTAL WORKS:	until 30.09.2022	6,162,318.55	7,209,912.70
SUPERVISION - Adel Al-Obaid Engineering Consultants and Ipsa Institut Ltd.			
PS 1	19.7.2022	70,690.26	82,707.60
PS 2	26.7.2022	20,822.99	24,362.90
PS 3	31.8.2022	28,595.00	33,456.15
Q3	01.07-30.09.2022	49,417.99	57,819.05
TOTAL SUPERVISION:	until 30.09.2022	120,108.25	140,526.65
TOTAL EXPENSES OF PROJECT REALISATION PAID UNTIL 30.09.2022		6,282,426.80	7,350,439.36

RECAPITULATION BY FINANCING SOURCES		
SOURCE OF FINANCING	TYPE OF EXPENSE	AMOUNT WITHOUT VAT IN EUR
KFAED Nr. 1012	WORKS	6,162,318.55
KFAED Nr. 1012	SUPERVISION	120,108.25
TOTAL		6,282,426.80

SUB-SECTION VRANDUK - PONIRAK	
TECHNICAL DESCRIPTION	
Total length of the section according to the design is 5.3 km. Structures on this route include bridges Vranduk 1 and Vranduk 2, which are built using the technology of cantilever construction and tunnel Vranduk, as well as three small viaducts. The specificity of the route is that the left and right motorway carriageways are separated in plan and height due to the fact that the motorway stretches through very steep slopes. Large part of the motorway is located in a cut, due to which a significant number of high sustaining walls is planned, which will be built by technology of reinforced earth.	
Financing	OFID loan number 12665P
	OFID loan number 12665PB
Number and date of the environmental permit	Nr: UPI 05/2-23-11-144/19 dated from 27.09.2019
Number and date of the building permit	Nr: UPI/03-23-2-356/18 dated from 09.04.2019
CONSTRUCTION WORKS	
Contractor	Consortium AZVIRT L.L.C. and HERING P.I.c.
Agreement number	JPAC 848-B82-17 dated from 15.05.2019
Agreement value	76,592,799.03 EUR with VAT included
Construction due date	24 months i.e. August 2021 (Agreement expired 4 months ago) + 426 addendum signed with Contractor for the extension of the construction due date. The new due date for completion of the Agreement is September 2022. It is expected that the Contractor will submit a new request for extension of the due date for completion of the works.
SUPERVISION SERVICES	
Consultant	Consortium DRI Upravljanje investicijama Ltd.– DIVEL d.o.o
Agreement number	JPAC 849-E440-17 dated from 08.05.2019
Agreement value	2,435,823 EUR-a with VAT included
Agreement period	24 months + 24 months for Defects Notification Period (DNP). Addendum for extension of the due date for consultancy services. Now the total period of agreement is 66 months.
Addenda	The management of the JP Autoceste FBiH made Decision on acceptance of Addendum Nr. 1 dated from 21.04.2022 by which a new period of the agreement is 66 months, and the Agreement value is increased from 2,081,900.00 EUR without VAT to 3,006,849.71 EUR without VAT.

PROJECT MANAGEMENT SERVICES						
Consultant	Institut za građevinarstvo IG Ltd. Banja Luka and Saraj inženjering Ltd. Sarajevo					
Agreement number	JPAC-1219-E637-20 dated from 23.06.2020					
Agreement value	857,000 BAM (without VAT)					
Agreement period	24 months					
ACTIVITIES AT THE CONSTRUCTION SITE IN THE REPORTING PERIOD						
Description of performed works						
<p>Route: Sector 4a (with the length of 920 metres) completion of works according to the new design. In the previous three months, there are more active works on drain systems, drainage pipes, excavation of canals, and preparation of the central collector point for internal drainage.</p> <p>Works on sector 5 (138 metres) are being performed according to the new design. In the previous period, most of the time was dedicated to the excavation works, by mining and protection of the slope. Currently, there are preparatory works on excavation of the fifth slope (of 6 designed). Installation of shotcrete, reinforcing mesh, anchors and MacMat mesh.</p> <p>Sector 2 – In the previous period, material was excavated and the first floor of the slope secured with 6 metres IBO anchors, shotcrete and reinforcing mesh. Works on the drainage of the first floor.</p> <p>Preliminary designs for sectors 1, 6 and 7 were obtained, and the main designs for the Koprivna Viaduct 2 and sector 6 are expected to be delivered soon. It is expceted that works on these parts of the route are to begin until the end of the year.</p> <p>Landfills:</p> <p>Boški Potok: Currently not used</p> <p>Malinjak 1 is filled.</p> <p>The following landfills are also active: L9. The rest of the L landfills are in the process of closing.</p> <p>The project of the new landfill Malinjak 2 with the sufficient capacity to receive excavated material from the entire section was completed. The next step is cutting down the forest and opening a landfill.</p> <p>Tunnel Vranduk: Works on the gallery of approach cutting of the southern portal of the right pipe.</p> <p>Bridge Vranduk 1: Preparation of the construction of this structure was completed. Asphaltting of all constructions, waterproofing and drainage elements on all constructions per request of contractor and approval of the purchaser is prolonged. This prolonging will not influence further construction works, because on other parts of the section there are delays.</p> <p>Bridge Vranduk 2: Preparation of the construction of this structure was completed</p> <p>Viaduct Crni potok: Preparation of the construction of this structure was completed</p> <p>Viaduct Koprivna 1: Preparation of the construction of this structure was completed. Construction works on the bridge Koprivna 2 did not start yet due to the unsolved issue of construction of sectors 6 and 7 which is positioned between these two.</p> <p>Notes:</p> <p>For sectors 2 and 5 we received main design projects and the construction was started.</p> <p>Addendum for extension of the due date for works and supervision was signed.</p>						
Challenges related to the price escalation:	Total price escalation until 30 th September is in amount EUR 3.120.475,02. Estimated price increase escalation until project completion is EUR 12.000.000,00.					
Number of employees:	July:	250	August:	249	September:	238
Number of subcontractors	July:	4	August:	4	September:	4

EXPENSES OF PROJECT REALISATION			
Temporary situation	Date of payment	Amount without VAT in EUR	Amount with VAT included in EUR
WORKS – Consortium AZVIRT L.L.C. and HERING P.l.c.			
Σ 1-30	until 30.6.2022	54,604,274.03	63,887,000.62
PS 31	27.7.2022	1,110,541.71	1,299,333.80
PS 32	25.8.2022	1,024,434.77	1,024,434.77
Q3	01.07-30.09.2022	2,134,976.48	2,323,768.57
TOTAL WORKS	until 30.09.2022	56,739,250.51	66,210,769.19
SUPERVISION - Consortium DRI Upravljanje investicijama Ltd.– DIVEL d.o.o			
Σ 1-29,31	until 30.6.2022	2,126,462.86	2,487,961.55
PS 30	28.07.2022 and 01.08.2022	89,361.53	104,552.99
PS 32	26.7.2022	85,194.96	99,678.10
PS 33	26.7.2022	85,506.44	100,042.53
PS 34	19.9.2022	83,391.66	97,568.24
Q3	01.07-30.09.2022	343,454.59	401,841.87
TOTAL SUPERVISION	until 30.09.2022	2,469,917.45	2,889,803.42
Project Management Services - Institut za građevinarstvo IG Ltd. Banja Luka and Saraj inženjering Ltd. Sarajevo			
Σ 1-13, 16	until 30.6.2022	158,218.42	185,115.55
PS 14	20.7.2022	7,375.98	8,629.90
PS 15	20.7.2022	7,375.98	8,629.90
Q3	01.07-30.09.2022	14,751.96	17,259.79
TOTAL TA	until 30.09.2022	172,970.38	202,375.34
TOTAL EXPENSES OF PROJECT REALISATION PAID UNTIL 30.09.2022		59,382,138.34	69,100,572.60

RECAPITULATION BY FINANCING SOURCES		
SOURCE OF FINANCING	TYPE OF EXPENSE	AMOUNT WITHOUT VAT IN EUR
OFID 12665P	WORKS	21,025,865.48
OFID 12663PB	WORKS	24,300,000.00
OFID 12665P	SUPERVISION	2,082,460.95
Own funds	WORKS	11,413,385.03
Own funds	SUPERVISION	387,456.50
Own funds	PROJECT MANAGEM.	172,970.38
TOTAL		59,382,138.34

Note: Work and supervision expenses for the section Vranduk – Ponirak are financed from the own funds and will be refunded from OFID loan after becoming legally binding.

SUB-SECTION PONIRAK – VRACA	
TECHNICAL DESCRIPTION	
Section with the main technical elements such as 2 x 2 lanes stretched before the entrance to the tunnel Zenica (Vraca) and node Ponirak (neighbouring motorway section Ponirak – Vranduk). The total length of the section is approximately 3.90 km. The main object on this section is the Tunnel Zenica (with two pipes) of the total length 3.50 km, making them approximately 90% of the total section length. Predicted excavation method is NATM (New Austrian Tunnel Method), which is very suitable taking into consideration expected changes of geological and geo-technical conditions.	
Financing	EIB Agreement Nr. 86.971
	EU grant number WB-IG01-BIH-TRA-01a
Number and date of the environmental permit	Nr.: UPI 05/2-23-11-144/19 dated from 27.09.2019
Number and date of the building permit	Nr.: UPI/03-23-2-385/18 dated from 18.02.2019 Amended Building permit was issued by the Federal Ministry of Spatial Planning on 11.06.2021.
CONSTRUCTION WORKS	
Contractor	Euro - Asphalt Ltd. Sarajevo
Agreement number	JPAC 851- B83-17 dated from 01.08.2019
Agreement value	69,508,325.70 EUR with VAT included
Construction due date	30 months i.e. April 2022
Addenda	Addendum No. 1 was signed on 20.09.2022. This addendum puts into force the Tripartite Agreement that was signed 20.02.2020, and based on the new main design of the Zenica Tunnel, made by the company "Yuksel Proje", Ankara, for which an amendment of the Building permit was obtained.
	Addendum No. 2 was signed on 20.09.2022. This addendum extends the duration of the Agreement by additional 387 days, and amends the due date for Agreement completion to 08.05.2023.
SUPERVISION SERVICES	
Consultant	Consortium: PROYAPI Engineering and Consulting INC
Agreement number	JPAC 850-E441-17 signed on 10.09.2019
Agreement value	2,244,528 EUR with VAT included
Agreement period	54 months

Addenda	Addendum Nr. 1 was signed on 13.09.2021 due to an increase of the agreed price by the amount of 93,540.00 EUR, and now the value is 2,011,940.00 EUR without VAT or 2,353,968.80 with VAT included. The agreed price was increased due to the increased scope of works due to the extension of the tunnel, reorganisation and change of the workforce and engagement of quality experts.
	Addendum Nr. 2 was signed on 19.09.2022 due to the extension of the due date for the completion of works until 08.05.2023 which were caused by the extension of the Zenica tunnel. The agreed amount was increased by additional 686,544.53 EUR, and now the Agreement value is 2,698,484.53 EUR without VAT or 3,157,226.90 with VAT included.
TECHNICAL ASSISTANCE PIU	
Consultant	Roughton International Ltd
Agreement number	JPAC 936-E477-18; signed on 22.03.2019
Agreement value	671,580.00 EUR with VAT included
Agreement period	57 months
Addenda	Addendum Nr. 1 was signed on 13-Sep-2021 due to an increase in the agreed price by the amount of 14,860.00 EUR without VAT due to the preparation of the cumulative impact analysis for the section Nemila - Donja Gračanica, and the value now amounts 588,860.00 EUR without VAT, or 688,966.20 EUR with VAT included.
ACTIVITIES AT THE CONSTRUCTION SITE IN THE REPORTING PERIOD	
Description of performed works	
<p>In the reporting period from 01.07.2022 until 30.09.2022 the Contractor continued their activities from the previous period:</p> <ul style="list-style-type: none"> - Works on reparations of the primary sub-construction. - Works on installation of final shotcrete on corrected sections - Works on installation of waterproofing elements - Works on installation of the sideways drainage and secondary revetment. <p>These works are completed in the right tunnel pipe, and currently they are performed in the left tunnel pipe.</p>	
Current challenges related to the project implementation and undertaken measures	
<p><u>Challenges:</u></p> <ol style="list-style-type: none"> 1. Everyday price growth on the global and local markets cause large price escalations included in the contract, which will further increase the overrun of the contracted budget. Price escalation can only be estimated due to the unpredictable situation on the market. 2. The progress of the works is still not satisfactory. The Contractor did not prepare Executive Projects for the phases after the completion of the secondary lining, nor submitted requests for the approval of subcontractors for phases for which they are not authorised (electrical and mechanical works), nor requests for the approval of a large number of materials for these phases. Part of the material is made to order and delivery takes several months. It is already questionable whether the Contractor will fulfill all contractual obligations until 08.05.2023. <p><u>Undertaken measures:</u></p> <p>Since the beginning of the year, the engineer has repeatedly warned the Contractor about the risks under point 2, but the Contractor did not undertake the appropriate activities. The Contractor must mobilise more resources and improve organisation of the construction site in order to complete the full scope of working activities within the stipulated period.</p>	

Challenges related to the price escalation:	Total price escalation until 30 th September is in amount of EUR 2,233,010.06. Estimated price increase escalation until project completion is EUR 7.000.000,00.		
Number of employees:	July : 45	August: 50	September: 65
Number of subcontractors	July : /	August: /	September: /

EXPENSES OF PROJECT REALISATION			
Temporary situation	Date of payment	Amount without VAT in EUR	Amount with VAT in EUR
WORKS - Euro - Asfalt Ltd. Sarajevo			
Σ 1-32	until 30.6.2022	38,919,885.95	45,536,266.56
PS 33	26.7.2022	932,724.54	1,091,287.71
PS 34	22.8.2022	965,857.30	1,130,053.04
PS 35	27.9.2022	1,027,433.00	
Q3	01.07-30.09.2022	2,926,014.84	2,221,340.75
TOTAL WORKS	until 30.09.2022	41,845,900.79	47,757,607.31
SUPERVISION - Consortium: PROYAPI Engineering and Consulting INC			
Σ 1-30	until 30.6.2022	1,806,837.45	2,113,999.82
PS 31	29.7.2022	56,140.00	65,683.80
PS 32	25.8.2022	57,080.00	66,783.60
Q3	01.07-30.09.2022	113,220.00	132,467.40
TOTAL SUPERVISION	until 30.09.2022	1,920,057.45	2,246,467.22
TA-Roughton International Ltd			
Σ 1-35	until 30.6.2022	387,456.66	453,324.29
PS 36	26.7.2022	10,070.18	11,782.11
PS 37	25.8.2022	10,070.18	11,782.11
Q3	01.07-30.09.2022	20,140.36	23,564.22
TOTAL TA	until 30.09.2022	407,597.02	476,888.51
Communication activities within the scope of construction promotion - Fabrika doo Sarajevo			
-	until 30.06.2022	0.00	0.00
Invoice 191-06/22	11.8.2022	9,924.90	19,411.42
Q3	01.07.-30.09.2022	9,924.90	19,411.42
Communication activities within the scope of construction promotion TOTAL		9,924.90	19,411.42
TOTAL EXPENSES OF PROJECT REALISATION PAID UNTIL 30.09.2022		44,183,480.16	50,480,963.04

RECAPITULATION BY FINANCING SOURCES		
SOURCE OF FINANCING	TYPE OF EXPENSE	AMOUNT WITHOUT VAT IN EUR
EIB Nr. 86.971	WORKS	31,999,999.99
WBIF Grant for INV component	WORKS	4,880,806.77
WBIF Grant for communication activities component	Communication activities within the scope of construction promotion	9,924.90
Own funds	WORKS	4,965,094.04
Own funds	SUPERVISION	1,920,057.45
Own funds	TA	407,597.02
TOTAL		44,183,480.17

Note: Work, supervision, and technical assistance expenses were paid from own funds in order to enable a subsequent refund of expenses from WBIF grant which will be implemented through EIB.

SUB-SECTION TUNNEL ZENICA – DONJA GRAČANICA

TECHNICAL DESCRIPTION

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

Financing	EBRD agreement number 47372
	EU grant broj WB-IG01-BIH-TRA-01b
Number and date of the environmental permit	Nr.: UPI 05/2-23-11-144/19 dated from 27.09.2019
Number and date of the building permits	Nr.: UPI/03-19-2-139/20 dated from 06.10.2020
	Nr.: UPI/03-23-2-268/19 dated from 09.12.2019
	Nr.: UPI/03-23-2-269/19 dated from 24.01.2020
	Nr.: UPI/03-19-2-54/21 dated from 24.05.2021
Number and date of the exploitation permits	Nr.: UPI/03-19-2-319/20 dated from 04.05.2021
	Nr.: UPI/03-19-2-321/20 dated from 14.07.2021
	Nr.: UPI/03-19-2-322/20 dated from 14.07.2021
	Nr.: 03-19-8733/20 dated from 24.01.2021

CONSTRUCTION WORKS

Contractor	Cengiz İnşaat Sanayi ve Ticaret A.S.
Agreement number	JPAC 742-B73-16 dated from 08.11.2018
Agreement value	67,360,069.25 EUR with VAT included
Construction due date	900 days or May 2021
Addenda	Addendum Nr. 1 signed on 18.02.2019 for the purpose of adjustment with the new Law on Financial Operations and does not affect the contracted value.
	Addendum Nr. 2 signed on 17.06.2020 for the purpose of change of the route and does not affect the contracted price.
	Addendum Nr. 3 signed on 30.03.2022 for the purpose of additional works, excepted works, claims and due to changes in the sliding scale.

SUPERVISION SERVICES

Consultant	Consortium: Technital S.p.A (lider) and TZI Inžinjering Ltd.
Agreement number	JPAC 744-E379-16 signed on 31 July 2018
Agreement value	2,837,086.20 EUR with VAT included

Agreement period	54 months
Addenda	Addendum Nr. 1 signed on 04.02.2019, refers to the change of business bank and does not affect the contracted value of the services.
	Addendum Nr. 2 signed on 17.03.2021, refers to the additional engagement of the Social Expert upon the request of the Bank, which affected the change of the contracted value of services, increasing it by 17,550 EUR without VAT included.
TECHNICAL ASSISTANCE PIU	
Consultant	IPSA Institut Ltd. Sarajevo
Agreement number	JPAC 1057-E549-19 dated from 22.02.2019
Agreement value	594,225.45 BAM
Agreement period	54 months
ACTIVITIES AT THE CONSTRUCTION SITE IN THE REPORTING PERIOD	
Description of performed works	
Considering that the agreement is in the phase of the period for elimination of defects (DNP), there were no significant works.	
Number of employees:	July : / August: / September: /
Number of subcontractors	July : / August: / September: /

EXPENSES OF PROJECT REALISATION			
Temporary	Date of payment	Amount without VAT in EUR	Amount with VAT in EUR
WORKS - Cengiz İnşaat Sanayi Ve Ticaret A.S.			
Σ 1-31	until 30.6.2022	58,005,710.12	67,866,680.84
Q3	01.07-30.09.2022		
WORKS TOTAL	until 30.09.2022	58,005,710.12	67,866,680.84
SUPERVISION-Technital S.p.A (lider) and TZI Inžinjering Ltd.			
Σ 1-28	until 30.6.2022	2,422,449.15	2,834,265.51
Q3	01.07-30.09.2022		
SUPERVISION TOTAL	until 30.09.2022	2,422,449.15	2,834,265.51
TA-IPSA Institut Ltd. Sarajevo			
Σ 1-34	until 30.6.2022	233,709.73	273,440.38
Q3	01.07-30.09.2022		
TA TOTAL	do 30.09.2022	233,709.73	273,440.38
TOTAL EXPENSES OF PROJECT REALISATION PAID UNTIL 30.09.2022		60,661,869.00	70,974,386.73

RECAPITULATION BY FINANCING SOURCES		
SOURCE OF FINANCING	TYPE OF EXPENSE	AMOUNT WITHOUT VAT IN EUR
EBRD Nr. 47372	WORKS	50,651,189.42
EBRD Nr. 47372	SUPERVISION	1,101,614.70
WBIF Grant for INV component	WORKS	7,354,520.70
WBIF Grant for TA component	SUPERVISION	1,320,834.45
Own funds	TA	233,709.73
TOTAL		60,661,869.00

SUB-SECTION KLOPČE - DONJA GRAČANICA	
TECHNICAL DESCRIPTION	
<p>The total length of the section is approximately 5.8 km, and several important facilities 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 there is a specificity that there is practically no open route, but it is composed of three viaducts (Babina Rijeka with annex, Pehare, Ričice) and two mountain tunnels (Ričice, Pečuj). Part of this sub-section includes the road on the right bank of the Bosna river with a roundabout, junction to the M17, the bridge Drivuša and the route on the left bank of the Bosna river with a roundabout, junction to the R445.</p>	
Financing	OFID loan number 1588P and 1589BP
	EBRD loan number 48999
	Own funds
Number and date of the environmental permit	Nr. UPI05/2-23-11-4/14SS dated from 18.02.2014 Environmental permit was renewed by the Decision number UPI 05/2-23-11-144/19 dated from 27.09.2019
Number and date of the building permit	Nr. UPI/ 03-23-2-129/15 ID dated from 02.07.2015 Building permit was amended several times because of the changes in the main design due to the consequences of the landslide. Amendments: 15.01.2019; 13.09.2019; 12.05.2020; 30.05.2020
Number and date of the exploitational permit	UPI/03-19-2-318/20 dated from 12.04.2021
CONSTRUCTION WORKS	
Contractor	JV Euro - Asfalt Ltd. Sarajevo (leading partner) and Strabag A.G.
Agreement number	JPAC 608-B63-14 dated from 09.05.2016 (during the agreement realisation, five addenda were concluded)
Agreement value	Addendum Nr. 3 is a defined estimate of the increase in the amount of the Agreement value to 148,409,915.45 EUR, with VAT included, this amount does not include an estimate of the correction of the value due to the change in costs (sliding scale, OUU subsection 13.8).
Construction due date	900 days for section 1, 600 days for section 2 (Pehare Viaduct), which was extended by addenda, and the due date for completion of the works is November 2020, as defined by Addendum Nr. 4.

SUPERVISION SERVICES	
Consultant	Consortium Egis International and IPSA Institut Ltd. Sarajevo
Agreement number	JPAC 609-E314-14 signed on 07.05.2016 (during the agreement realisation, five addenda were concluded)
Agreement value	5,473,143.00 EUR with VAT included. The above-mentioned amount was estimated by Addendum Nr. 4 to 7,256,005.00 EUR with VAT included.
Agreement period	78 months
SECTION STATUS	
Section Drivuša - Klopče, Klopče - Donja Gračanica and the southern section of the Tunnel Zenica - Donja Gračanica make the Zenica bypass, which was put into traffic on 15.07.2021, after obtaining of the exploitation permits.	

EXPENSES OF PROJECT REALISATION			
Temporary situation	Date of payment	Amount without VAT in EUR	Amount with VAT in EUR
WORKS - JV Euro - Asfalt Ltd. Sarajevo (vodeći partner) and Strabag A.G.			
Σ 1-67	until 30.6.2022	142,870,395.33	167,158,362.54
Q3	01.07-30.09.2022	0.00	0.00
WORKS TOTAL	until 30.09.2022	142,870,395.33	167,158,362.54
SUPERVISION-Consortium Egis International and IPSA Institut Ltd. Sarajevo			
Σ 1-69	until 30.6.2022	7,513,585.55	2,592,514.54
PS 70	29.7.2022	16,064.51	18,795.48
Q3	01.07-30.09.2022	16,064.51	18,795.48
SUPERVISION TOTAL	until 30.09.2022	7,529,650.06	18,795.48
TOTAL EXPENSES OF PROJECT REALISATION PAID UNTIL 30.09.2022		150,400,045.39	167,177,158.01

RECAPITULATION BY FINANCING SOURCES		
SOURCE OF FINANCING	TYPE OF EXPENSE	AMOUNT WITHOUT VAT IN EUR
OFID A	WORKS	39,467,850.86
OFID B	WORKS	19,172,707.44
EBRD Nr. 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	130,347.40
TOTAL		150,400,045.39

Note: Part of expenses was paid from own funds, because the loan funds were already spent.

SUB-SECTION DRIVUŠA - KLOPČE	
TECHNICAL DESCRIPTION	
The length of this section is 2.23 km. Significant facilities on the route are the Drivuša Bridge, 650 meters long, over the Bosna river and the Perin Han viaduct, approx. 400 meters.	
Financing	KFAED agreement number 794
Number and date of the environmental permit	Nr.: UPI 05/2-23-11-4/14SS dated from 18.02.2014 Environmental permit was renewed by the Decision number UPI 05/2-23-11-144/19 dated from 27.09.2019
Number and date of the building permit	Nr.: UPI/03-23-2-265/13 dated from 14.11.2013 Amendments of the building permit dated from: 30.05.2016; 27.02.2017; 22.09.2017; 20.11.2019
Number and date of the exploitation permit	Nr.: UPI/03-19-2-161/20 dated from 14.12.2020
CONSTRUCTION WORKS	
Contractor	Hering P.l.c. Široki Brijeg
Agreement number	JPAC 373-A66-12 dated from 25.09.2014 (during the agreement realisation, three addenda were concluded). Management of JP Autoceste FBiH made decision on acceptance of the Addendum Nr. 4.
Agreement value	33,527,849 EUR with VAT included by Addendum Nr.3 was increased to 36,231,262.80 EUR with VAT included. After signing the Addendum Nr.4 the amount of works will be 36,269,376.59 EUR with VAT included
Construction due date	900 days i.e. January 2020
SUPERVISION SERVICES	
Consultant	Consortium Divel Ltd. and TAEP
Agreement number	JPAC 375-E71-12 dated from 23.09.2014 (during the agreement realisation, four addenda were concluded).
Agreement value	2,538,315 EUR with VAT included by Addendum Nr.3 was increased to 3,647,917.14 EUR with VAT included
Agreement period	54 months which was extended by Addendum Nr. 3 to 75 months and 15 days
SECTION STATUS	
Section Drivuša - Klopče, Klopče - Donja Gračanica and the southern section of the Tunnel Zenica - Donja Gračanica make the Zenica bypass, which was put into traffic on 15 July 2021, after obtaining of the exploitation permits.	

EXPENSES OF PROJECT REALISATION			
Temporary situation	Date of payment	Amount without VAT in EUR	Amount with VAT in EUR
WORKS - HGG İnşaat Anonim Sirketi			
Σ 1-73	until 30.6.2022	30,965,089.00	36,229,154.13
Q3	01.07-30.09.2022	0.00	0.00
WORKS UKUPNO	until 30.09.2022	30,965,089.00	36,229,154.13
SUPERVISION-Adel Al-Obaid Engineering Consultants and Ipsa Institut Ltd.			
Σ 1-31	19.7.2022	3,117,877.17	3,647,916.29
Q3	01.07-30.09.2022	0.00	0.00
SUPERVISION UKUPNO	until 30.09.2022	3,117,877.17	3,647,916.29
TOTAL EXPENSES OF PROJECT REALISATION PAID UNTIL 30.09.2022		34,082,966.17	39,877,070.42

RECAPITULATION BY FINANCING SOURCES		
SOURCE OF FINANCING	TYPE OF EXPENSE	AMOUNT WITHOUT VAT IN EUR
KFAED Nr. 794	WORKS	27,022,061.69
KFAED Nr. 794	SUPERVISION	2,996,814.35
Own funds	WORKS	3,943,027.31
Own funds	SUPERVISION	121,062.82
TOTAL		34,082,966.17

Note: Temporary situations were paid from own funds because the KFAER loan funds were already spent.

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 structure on Corridor Vc - Prenj Tunnel, 10 kilometres long. The section Tarčin - Ivan, which includes the Tunnel Ivan, is under construction, while the other sections are in the preparatory phase for realisation.

SUB-SECTION TARČIN – ENTRANCE TO THE TUNNEL IVAN LOT 1	
TECHNICAL DESCRIPTION	
The sub-section with the length of 5.1 km is located in Sarajevo Canton. On this motorway subsection, of all the structures, the two long viaducts Raštelica 1 and Raštelica 2 with a total length of 1150 m stand out.	
Financing	EIB agreement number 89.502
	EU grant WB-IG02-BIH-TRA-06
Number and date of the environmental permit	Nr.: UP-I-05/2-23-11-177/17 dated from 13.12.2017
Number and date of the building permit	Nr.: UPI/03-23-2-331/19 dated from 24.12.2019 Amendment of the building permit Nr.: UPI/03-23-2-331/19 dated from 05.07.2021
CONSTRUCTION WORKS	
Contractor	Consortium: Euro- Asphalt Ltd. Sarajevo and Granit AD Skopje
Agreement number	JPAC 1132-B109-19 dated from 24.08.2020
Agreement value	77,903,313.84 EUR with VAT included
Construction due date	20 months i.e. March 2022 (new due date is August 2022)
Addenda	The management of the JP Autoceste FBiH made a decision on the adoption of Addendum Nr. 1, which extends the due date for the completion of the Agreement for 105 days and increases the value of the works. The new due date for the completion of the works is 15.08.2022, and the value of the works is 75,393,525.31 EUR without VAT. The addendum will be signed after obtaining the creditor's approval.
SUPERVISION SERVICES	
Consultant	Institut IGH P.I.c., Zagreb
Agreement number	JPAC 1113-E582-19 dated from 11.08.2020
Agreement value	2,454,964.20 EUR with VAT included
Agreement period	46 months (including the period for elimination of defects)
Addenda	The management of JP Autoceste FBiH made a decision on the adoption of Addendum Nr. 1, which increases the value of services by 373,692.10 EUR (without VAT) and the new contracted value of services is 2,471,952.10 without VAT, i.e. 2,892,183.96 with VAT included

TECHNICAL ASSISTANCE PIU			
Consultant	Technital S.p.A. Italy (Agreement includes technical assistance services on the section Tunnel Kvanj - Buna)		
Agreement number	JPAC 1079-E566-19 signed on 12.04.2021		
Agreement value	818.274,60 EUR with VAT included		
Agreement period	60 months		
ACTIVITIES AT THE CONSTRUCTION SITE IN THE REPORTING PERIOD			
Description of performed works			
<u>During the third quarter 2022 the following works were performed:</u>			
<div><div>-</div><div>Motorway Route: Construction of fillings, drainages, internal and external drainage, installation of buffers, cement stabilisation and asphalt. Installation of a protective fence. Installation of noise protection, installation of horizontal and vertical signalisation.</div></div> <div><div>-</div><div>Bridge Raštelica 1: Works on the construction of segments of both span structures (left and right), concreting of pillars, installation of beds, construction of reinforced concrete safety fence and installation of asphalt</div></div> <div><div>-</div><div>Bridge Raštelica 2: Construction of reinforced concrete safety fence and installation of asphalt</div></div>			
Current challenges related to the project implementation and undertaken measures			
<u>Challenges:</u> Problems on the global market influence the delivery date of the materials.			
<u>Undertaken measures:</u> On request of the contractor, due date for completion of works is extended to 15.09.2022			
Challenges related to the price escalation:	Total price escalation until 30 th August is in amount of EUR 10.372.794,71. Submission of price increase for IPC in September is expected from contractor.		
Number of employees:	July: 218	August: 218	September: 218
Number of subcontractors	July: 2	August: 2	September: 2

EXPENSES OF PROJECT REALISATION			
Temporary situation	Date of payment	Amount without VAT in EUR	Amount with VAT in EUR
WORKS - Consortium: Euro- Asphalt Ltd. Sarajevo and Granit AD Skopje			
Σ 1-21	until 30.6.2022	58,740,154.22	68,725,980.44
PS 22	15.7.2022	4,823,512.32	5,643,509.41
PS 23	4.8.2022	3,020,018.86	3,533,422.07
PS 24	15.9.2022	3,067,751.29	3,589,269.01
Q3	01.07-30.09.2022	10,911,282.47	12,766,200.49
WORKS TOTAL	until 30.09.2022	69,651,436.69	81,492,180.93
SUPERVISION-Institut IGH P.I.c., Zagreb			
Σ 1-17	until 30.6.2022	1,651,527.50	1,932,287.18
Q3	01.07-30.09.2022		
SUPERVISION TOTAL	until 30.09.2022	1,651,527.50	1,932,287.18
TA: Technital S.p.A. Italy			
Σ 1-10	until 30.6.2022	141,100.00	165,087.00
PS 11	26.7.2022	7,410.00	8,669.70
PS 12	25.8.2022	7,410.00	8,669.70
Q3	01.07-30.09.2022	14,820.00	17,339.40
TA TOTAL	until 30.09.2022	155,920.00	182,426.40
TOTAL EXPENSES OF PROJECT REALISATION PAID UNTIL 30.09.2022		71,458,884.19	83,606,894.50

RECAPITULATION BY FINANCING SOURCES		
SOURCE OF FINANCING	TYPE OF EXPENSE	AMOUNT WITHOUT VAT IN EUR
EIB Nr 89.502	WORKS	63,563,666.54
Own funds	WORKS	6,087,770.15
Own funds	SUPERVISION	1,651,527.50
Own funds	TA	155,920.00
TOTAL		71,458,884.19

Note: Work, supervision, and technical assistance expenses were financed from own funds in order to enable a subsequent refund of expenses from WBIF grant which will be implemented through EIB.

SUB-SECTION TUNNEL IVAN LOT 2	
TECHNICAL DESCRIPTION	
<p>The Ivan tunnel was designed to be constructed according to NATM (NEW AUSTRIAN TUNNEL METHOD). The adopted form and position of the portal are such that it fits into the natural terrain and disturbs the natural environment the least, 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 part of this sub-section, the construction of a connection to the main road in the place Bradina is planned. It creates a temporary connection between the main road M17 and the motorway on the Corridor Vc.</p>	
Financing	EBRD agreement number 49058
	EU grant WB-IG02-BIH-TRA-06
Number and date of the environmental permit	Nr.: UP-I 05/2-23-11-177/17 dated from 13.12.2017
Number and date of the building permit	Nr.: UPI/03-23-2-331/19 dated from 24.12.2019 Building permit amendment Nr.: UPI/03-23-2-331/19 dated from 05.07.2021
CONSTRUCTION WORKS	
Contractor	Euro - Asphalt Ltd. Sarajevo
Agreement number	JPAC 985-B98-18 dated from 28.10.2019
Agreement value	67,425,427.33 EUR with VAT included
Construction due date	30 months i.e. May 2022
Addenda	Addendum Nr. 1 was signed on 28.09.2022 due to the extension of the due date for additional 113 days for the completion of works. The new due date for completion of the works is 15.09.2022. The contracted value of the works was not changed by this addendum.
SUPERVISION SERVICES	
Consultant	IRD Engineering S.r.l.
Agreement number	JPAC 986-E504-18 dated from 11.10.2019
Agreement value	2.163.037,50 EUR with VAT included
Agreement period	57 months
Addenda	Addendum Nr. 1 was signed on 24.11.2020. for the purpose of change of the description of services according to the request of EBRD, and the amount was increased by 37,200.00 EUR without VAT.

	Addendum Nr. 2 was signed on 28-Sep-2022. for the purpose of extension of the due date for completion of the works until 15-Sep-2022, after which the period for removal of defects (DNP) of 24 months begins. The contracted amount was increased to 2,025,785.65 EUR without VAT i.e. 2,370,169.21 EUR with VAT included		
ACTIVITIES AT THE CONSTRUCTION SITE IN THE REPORTING PERIOD			
Description of performed works			
<p>The following works were completed in the third quarter:</p> <ul style="list-style-type: none">- Construction works on the tunnel were 100% completed- Electromechanical works are 99% completed- The temporary connection between the main road M17 and the motorway on the Corridor Vc is 100% completed- Portal setup is 100% completed- Construction works on toll collection spot are 100% completed- Electromechanical works on toll collection spot are 95% completed <p>Testing after completion of works are in progress, it is predicted that testing will be completed by the middle of October.</p>			
Current challenges related to the project implementation and undertaken measures			
<p><u>Challenges:</u></p> <p>The due date for the completion of all works was 15 September 2022 (in accordance with Addendum Nr. 1) By 30 September, the works were completed except for minor remaining works that will be part of the list of defects for the Defects Notification Period</p> <p><u>Mitigation measures:</u></p> <p>The notification about taking over the works or part of the works was submitted by the contractor on 09-Sep-2022 and the Engineer prepares all the necessary documentation in accordance with the contract to issue a Taking-Over Certificate of the works or part of the works.</p>			
Challenges related to the price escalation:	Total price escalation until 30 th August is in amount of EUR 4.640.535,46. Estimated price increase escalation until project completion is EUR 1.250.000,00.		
Number of employees:	July : 117	August: 117	September: 117
Number of subcontractors	July : 5	August: 5	September: 5

EXPENSES OF PROJECT REALISATION			
Temporary situation	Date of payment	Amount without VAT in EUR	Amount with VAT in EUR
WORKS - Euro - Asphalt Ltd. Sarajevo			
Σ 1-27	until 30.6.2022	43,100,266.92	50,427,312.30
PS 28	22.7.2022	1,974,445.43	2,310,101.15
PS 29	2.9.2022	2,697,328.24	3,155,874.04
Q3	01.07-30.09.2022	4,671,773.67	5,465,975.19
WORKS TOTAL	until 30.09.2022	47,772,040.59	55,893,287.49
SUPERVISION-IRD Engineering S.r.l.			
Σ 1-26	until 30.6.2022	1,605,091.46	1,877,957.01
PS 27	22.9.2022	73,584.20	86,093.51
PS 28	22.9.2022	63,205.50	73,950.44
PS 29	22.9.2022	58,323.50	68,238.50
Q3	01.07-30.09.2022	136,789.70	160,043.95
SUPERVISION TOTAL	until 30.09.2022	1,800,204.66	2,106,239.45
TOTAL EXPENSES OF PROJECT REALISATION PAID UNTIL 30.09.2022		49,572,245.25	57,999,526.94

RECAPITULATION BY FINANCING SOURCES		
SOURCE OF FINANCING	TYPE OF EXPENSE	AMOUNT WITHOUT VAT IN EUR
EBRD Nr. 49058	WORKS	47,772,040.59
WBIF Grant for TA component	SUPERVISION	1,800,204.66
TOTAL		49,572,245.25

SUB-SECTION IVAN – OVČARI	
TECHNICAL DESCRIPTION	
The section starts immediately after the Ivan Tunnel portal. Most of the route is in bridges and tunnels (12 bridges with a total length of 3.6 kilometres and 6 tunnels with a total length of 3.6 kilometres) and passes through the settlements: Vrbjani, Badanj, Gajevo Bradina and Zukići and ends with a temporary connection to the main road M17 in Ovčari.	
FINANCING	
Not defined. The section is included in the Programme of Public Investments of the Federation for the period 2021 - 2023, which is a pre-condition for starting of the debt procedure with international financial institutions. The EIB delivered a Letter of Intent to finance this section.	
PROJECT DOCUMENTATION	
<p>WBIF grant funds were secured for the preparation of the main design. The ToR for the main 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, Main design and revision of the main design.</p> <p>The preparation of the preliminary design is in the final phase, after which, upon approval of the extension of the requested funds by the bank, the preparation of the main project will be continued.</p> <p>The preparation of study and project documentation is in progress, and the planned completion for the preparation of documentation at the level of the main design is in the course of Q4 2023.</p>	
APPROVALS AND PERMITS	
Urban permit was previously obtained for the part of the route that was not changed.	
EXPROPRIATION	
The expropriation procedure will be initiated after the declaration of public interest by the Government of the Federation of Bosnia and Herzegovina.	
PROCUREMENTS	
The procurement procedure will be initiated according to the creditor's rules after the conditions for initiating the procedure are met	

SUB-SECTION OVČARI – (ENTRANCE TO 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. There are 7 bridges and 2 tunnels on this section, the most important of which are: the viaduct over the Industrial Zone and the 2.2-kilometre-long tunnel on the eastern side of Konjic, as well as the bridge over the Neretva River.

FINANCING

JP Autoceste FBiH submitted a request in July 2021 for debt for sections from Ovčari to Mostar South. The EU grant application will be prepared when the project documentation is in the final phase

PROJECT DOCUMENTATION

Preliminary design completed. For the sections Ovčari - Entrance to the Prenj tunnel and Exit from the Prenj tunnel - Mostar North, WBIF grant funds were secured for the preparation of project and study documentation. These two grants are implemented together in two components:

- Component 1: includes a Gap analysis, environmental impact study and a package of environmental and social documents in accordance with EBRD standards. The start of the study was in June 2020. The preparation of documentation is in progress, including the performance of hydrogeological research. The preparation of the study is in the final phase. On the section Ovčari - Entrance to the Prenj tunnel, the surveying of the terrain and the creation of new geodetic foundations were completed. The demining of the terrain on the part that was contaminated with mines and explosives was completed. The geo-research works for the needs of the G1 mission were completed and the preparation of the study is in progress in order to continue the execution of the G21 mission. The designer is currently working on the disposition of the facilities, while the continuation of the main design is expected after the Bank's approval of the requested IPF funds.
- Component 2 includes the main design and tender documentation, and work on the preparation of this part of the documentation began in Q1 2021. Q2 2023 is the deadline for completion of the design documentation for Component 2. IPF 8 is in charge of implementation.

APPROVALS AND PERMITS

The validity of the previous water permit was extended. The consents of BH GAS and the necessary electrical permits have been obtained. The Consultant prepared a Request for a Preliminary Environmental Impact Assessment and submitted it to JP Autoceste FBiH in February 2022. The request for a Preliminary Environmental Impact Assessment for the section of the highway on the Corridor Vc Konjic (Ovčari) - Prenj Tunnel - Mostar North was submitted to the Federal Ministry of Environment and Tourism and the prepared study documentation was made available for public inspection. In April 2022, a decision that determines the content and scope of the Environmental Impact Study was issued, and the preparation of the study is currently in progress. Completion of the Study is in its final phase. The urban permit will be obtained after the correction of the preliminary design and obtaining of the approval of the environmental impact study.

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 the Vc Corridor.

PROCUREMENT

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

SECTION TUNNEL PRENJ
TECHNICAL DESCRIPTION
<p>The key feature of the tunnel Prenj is its length of 10.15 km according to which it belongs to long tunnels and is subject to the application of all prescribed safety measures in tunnels, according to Directive 2004/54/EC. With the exception of the Prenj Tunnel, this section implies access to the northern and southern portals of the Tunnel.</p>
FINANCING
<p>EIB and EBRD, initiative for debt is in progress</p> <p>JP Autoceste FBiH in July 2021 submitted a request for debt for sections from Ovčari to Mostar South. For the EU grant will be applied in the Seventh WBIF invitation during 2022</p>
PROJECT DOCUMENTATION
<p>Preliminary design was completed in 2016. The procurement of preliminary design services with elements of the Main design was announced in December 2021.</p> <p>The main design will be prepared by the Contractor since it is planned that the project will be realised according to the FIDIC Yellow Book. As part of the G1 mission, the following were prepared:</p> <ul style="list-style-type: none"> - Report on engineering, geological, hydrogeological and geotechnical investigation works for the Prenj tunnel, WINNER PROJECT Ltd. Sarajevo, 2016 - Preliminary geotechnical project for the tunnel Prenj <p>In cooperation with external collaborators, a Programme of additional investigative works was drawn up. The implementation of the part of the Programme related to hydrogeological research and trial IG mapping and research from the Programme of additional investigative works is in progress.</p> <p>In cooperation with CTP Zagreb, a project task was drawn up for the preparation of Quantitative Risk Analysis and accompanying studies (Ventilation Study, Risk Assessment Study for Hazardous Materials Transportation, Fire Risk Assessment Study). Financing and preparation of the Risk Analysis and accompanying studies will be realised through the fund implemented by the European Union Technical Assistance Programme - Connecta. The preparation of the analysis and accompanying studies was completed in the second quarter of 2021, and the preparation of additional reports and documentation is in progress.</p> <p>A consulting contract was signed for the application of fire safety measures - Prenj Tunnel</p>
APPROVALS AND PERMITS
<p>The validity of the previous water permit was extended.</p> <p>The consultant prepared a Request for a Preliminary Environmental Impact Assessment for the motorway section on the corridor Vc Konjic (Ovčari) - Tunnel Prenj - Mostar North and delivered it to JP Autoceste FBiH in February 2022. The request for a Preliminary Environmental Impact Assessment for the motorway section on the Corridor Vc Konjic (Ovčari) - Tunnel Prenj - Mostar North was delivered to the Federal Ministry of Environment and Tourism, and the study documentation was made available for public inspection. In April 2022, a decision was issued that determines the content and scope of the Environmental Impact Study, and the study is currently under construction. The expected deadline for the completion of the Study is Q4 2022.</p> <p>The urban permit will be obtained after the correction of the preliminary design and the decision on the approval of the environmental impact study.</p>

EXPROPRIATION
<p>In July 2020, the Government of the Federation of Bosnia and Herzegovina passed a Decision on the declaration of public interest for the construction of the Prenj Tunnel section of the Vc Corridor. Studies for the expropriation of the access roads toward the tunnel portals, both north and south, were delivered.</p> <p>In July 2022, a public advertisement was announced for the mutual acquisition of real estate, after the expiration of which the requests for division of the plots, the proposals for expropriation with the associated studies were delivered to the competent local government units of the City of Mostar and the City of Konjic.</p>
PROCUREMENT ACCORDING TO THE INTERNATIONAL PROCEDURES
PROCUREMENT - SERVICES
<p>Preparation of the preliminary design with the elements of the main design Type of procedure: Open The public procurement procedure is in its final phase. The Bank's approval of the final evaluation report was delivered on 12-Sep-2022. The signing of the agreement with the selected bidder is expected in the next quarter.</p>
<p>Technical assistance during the tendering process for procurement of works and supervision and monitoring of environmental and social issues Type of procedure: Competitive The management of JP Autoceste FBiH made the Decision on initiating of the procedure in January 2022. The invitations for expressions of interest were published in July 2022. The evaluation of the received applications was completed, and the evaluation report was sent to the Bank for their approval on 24-Sep-2022.</p>
<p>Preparation of the preliminary design and main design for preparatory works and preparation of the tender documentation Type of procedure: Competitive The public procurement procedure ended with the signing of the agreement on 13.05.2022 with JV: Design & QC Ltd. Sarajevo and IPSA Institute Ltd. Sarajevo in the amount of EUR 578,402.00 EUR - without VAT, i.e. 676,730.34 EUR with VAT included.</p>
<p>Contractor for construction of access roads Type of procedure: Open The decision to initiate the procedure was made in July 2022. The tender documentation was completed and the Bank's approval of TD was delivered on 21-Sep-2022. The invitation for offers was published on 21.09.2022, and the due date for submission of offers is 21-Nov-2022</p>
<p>Supervision services of the construction of access roads Type of procedure: Competitive The decision to initiate the procedure was made in July 2022. The tender documentation was completed and the Bank's approval of TD was delivered on 21-Sep-2022. The invitation for offers was published on 12-Sep-2022, and the deadline for offer submission is 27-Oct-2022</p>
<p>Construction works services Type of procedure: Open with pre-qualification The decision to initiate the procedure was made on 06 July 2022. Bank's approval of the pre-qualifying documentation was delivered on 12 July 2022. Approval of the publishing of the pre-qualifying documentation was delivered on 14 July 2022. Publishing of the pre-qualifying documentation for the Tunnel Prenj was on 14 July 2022. The deadline for offer submission is 26-Sep-2022.</p>
<p>Supervision services of the construction of the Tunnel Prenj Type of procedure: Competitive The documentation for the invitation for expressions of interest is currently being prepared.</p>

SECTION EXIT FROM THE TUNNEL PRENJ – MOSTAR NORTH

TECHNICAL DESCRIPTION

The section, approximately 13 kilometres long, passes entirely through the Herzegovina-Neretva canton. Among the structures on the motorway route, there is an 800 m long tunnel, three viaducts between 300 and 400 metres long and a 2.2 km long tunnel at the end of the route. This section (as well as the section Ovčari - Prenj) is functionally connected and traffic conditioned by the construction of the Prenj Tunnel.

FINANCING

EIB and EBRD, initiative for debt is in progress
JP Autoceste FBiH in July 2021 submitted a request for debt for sections from Ovčari to Mostar South.
For the EU grant will be applied when the preparation of the project documentation reaches its final phase

PROJECT DOCUMENTATION

Preliminary design completed. For the sections Ovčari - Entrance to the Prenj tunnel and Exit from the Prenj tunnel - Mostar North, WBIF grant funds were secured for the preparation of project and study documentation. These two grants are implemented together in two components:

Component 1 includes a Gap analysis, environmental impact study and a package of environmental and social documents in accordance with EBRD standards. The start of the study was in June 2020. On the section in subject, geodetic and geoinvestigation works were completed in the past period, and the preparation of a Rockfall analysis by the designer is in progress, which will explain the safety aspects of the passage of the route in the area of the location Klenova Draga. The completion of the Rockfall analysis will be after the approval of funds for Component 2. Demining at the Šljeme location was completed and confirmed by BH - MAC.

Component 2 includes the main design and tender documentation, and work on the preparation of this part of the documentation began in Q1 2021. IPF 8 is in charge of implementation. Preparation of study and project documentation is in progress. Q2 2023 is the deadline for completion of the design documentation for Component 2.

APPROVALS AND PERMITS

The validity of the previous water permit was extended. The permits of BH GAS, Public Company Railways FBiH and the necessary electrical permits were obtained. The Consultant prepared a Request for a Preliminary Environmental Impact Assessment for the motorway section on the Corridor Vc Konjic (Ovčari) - Tunnel Prenj - Mostar North and submitted it to JP Autoceste FBiH in February 2022. The Request for a Preliminary Environmental Impact Assessment for the motorway section on the Corridor Vc Konjic (Ovčari) - Tunnel Prenj - Mostar North was delivered to the Federal Ministry of Environment and Tourism, and the study documentation was made available for public inspection. In April 2022, a decision that determines the content and scope of the Environmental Impact Study was issued, and the study is currently being prepared. The expected deadline for the completion of the Study is Q3 2022.

Urban permit will be obtained after the correction of the preliminary design and the decision on the approval of the environmental impact study.

EXPROPRIATION

In June 2022, the Government of the Federation of Bosnia and Herzegovina made a Decision on the declaration of public interest for the construction of the motorway section of the Corridor Vc, Prenj Tunnel – Mostar North.

NABAVKE

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 the Corridor Vc. Three sections of this LOT are in the preparatory phase for implementation, two sections are under construction, while the section Zvirovići - Bijača with a length of 10 kilometres is in use and in the toll collection system.

SECTION MOSTAR NORTH – MOSTAR SOUTH	
TECHNICAL DESCRIPTION	
The length of the section is approx. 15 km. According to the preliminary design, the section includes the Mostar North interchange with a sideway toll booth, six tunnels with a total length of about 9 km and six relatively short viaducts/bridges with a total length of about 2 km. The length of the open route is about 4 km.	
FINANCING	
<p>EIB and EBRD, initiative for debt is in progress</p> <p>JP Autoceste FBiH in July 2021 submitted a request for debt for sections from Ovčari to Mostar South. For the EU grant will be applied in the Seventh WBIF invitation during 2022</p>	
PROJECT DOCUMENTATION	
<p>The preliminary and main design were prepared earlier, but the motorway route was changed by the Spatial Plan of Special Features of Importance for the Federation - Motorway on Corridor Vc. Investigation works were completed for this section and a preliminary geotechnical mission G1 was prepared for the route adopted by the Spatial Plan. A renewed invitation for expressions of interest for the preparation of the Preliminary and Main Design was published on 24.12.2021, and a renewed invitations for expressions of interest for the audit services of the Main design was published on 27.12.2021. On 26.09.2022, the Agreement for the preparation of the Preliminary and Main design for the motorway section Mostar North - Mostar South was signed. The deadline for the completion of the contracted services is 9 months.</p>	
APPROVALS AND PERMITS	
<p>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 grant funds of EBRD. Consulting house Enova Ltd. Sarajevo was hired to prepare the documentation. A complete environmental impact assessment procedure was completed according to the current law. A Decision on the acceptance of the Environmental Impact Assessment Study was obtained in May 2022.</p> <p>The urban permit will be obtained after the environmental permit.</p>	
EXPROPRIATION	
In July 2020, the Government of the Federation of Bosnia and Herzegovina made a Decision on the declaration of public interest for the construction of motorway section Mostar North – Mostar South on the Vc Corridor.	
PROCUREMENT - SERVICES	
<p>Construction works services Type of procedure: Open The decision to initiate the procedure was made on 16 July 2022, and it was amended on 17-Nov-2021. The preparation of pre-qualifying documentation was completed, and the Bank delivered its approval of the pre-qualifying documentation on 22 July 2022. Invitation for pre-qualification was published on 01 August 2022, and the deadline for application deliveries is 17-Oct-2022.</p>	
<p>Supervision services Type of procedure: Competitive</p>	

The decision to initiate public procurement was made in December 2021. The invitation for expression of interest was published in May 2022, and the deadline for submission of applications was the end of June 2022. The evaluation of received applications was completed. The evaluation report was sent to the Bank for their approval on 24-Sep-2022.

Services of preparation of the preliminary and main design

Type of procedure: Competitive

The public procurement procedure was completed on 26.09.2022, by signing the agreement with JV: Yuksel Proje (Turkey), PPG Ltd. Sarajevo (BiH), Design & QC Ltd. Sarajevo (BiH), Integra Ltd. Mostar (BiH), Trasa Ltd. Sarajevo (BiH). Agreement value is 7,209,615.30 EUR without VAT i.e. 8,435,249.90 EUR with VAT included.

Services of revision of the main design

Type of procedure: Competitive

The public procurement procedure is in its final phase. The Bank's approval of the final evaluation report was delivered on 11-Aug-2022. The signing of the agreement with the selected bidder is expected in the next quarter.

SUB-SECTION MOSTAR SOUTH – TUNNEL KVANJ	
TECHNICAL DESCRIPTION	
The length of the section is 8.6 km. Of the structures on this section, two bridges and two double-tube tunnels stand out.	
FINANCING	
EBRD, agreement number 49058 (Tranche B) EU grant, application submitted in the Sixth WBIF invitation	
PROJECT DOCUMENTATION	
Preliminary design completed. The procurement procedure for the main design was canceled due to the fact that the Government of the Federation changed the method of realisation of this project from the FIDIC Red Book to the FIDIC Yellow Book, which implies that the selected contractor creates the main design based on the investor's preliminary design.	
APPROVALS AND PERMITS	
<p>Previous approvals for urban permit 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 finalised and made public. The public hearing, which is a pre-condition for issuing of an environmental permit, was held on 14 September 2020 in Mostar.</p> <p>Federal Ministry of Environment and Tourism on 17.02.2021 issued a decision on the environmental permit. On 18.11.2021, a decision on the legal validity of the environmental permit was made.</p> <p>A request for urban permit was 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 29.01.2019. Totally 323 plots of 383 plots were expropriated, i.e., 221 cases of totally 240 cases were completed. Expressed as a percentage, 83.38% of the area covered by the expropriation study was expropriated, including 12 decisions of the FBiH Government on early possession.	
PROCUREMENT - SERVICES	
<p>Construction works services Type of procedure: Open procedure without pre-qualification The bank approved the tender documentation on 23.12.2020 and the tender was announced on the same day. The deadline for offer submission was moved to 22.03.2021. The bank approved the evaluation report for the first phase of the procedure in July 2022. Final evaluation report was delivered to the bank for approval on 28.09.2022. The bank approved the final evaluation report on 29.09.2022.</p>	
<p>Consultant supervision services Type of procedure: Competitive The invitation for applications was published in October 2020, and the deadline for applications was December 2020. Invitation for offer submission was published in May 2022. The deadline for offer submission was 11.07.2022. Evaluation of offers was completed and the Bank's approval of the technical evaluation report was delivered on 16.08.2022. Financial offers were open on 30.08.2022. the preparation of the final report is in progress.</p>	

SUB-SECTION TUNNEL KVANJ – BUNA	
TECHNICAL DESCRIPTION	
The length of the section is 5.1 km and includes a two-tube tunnel with a length of approx. 2.6 km and a bridge with an approximate length of 220 metres.	
FINANCING	
<p style="text-align: center;">EIB agreement number 87.195</p> <p>EU grant: in the Fifth WBIF invitation, a grant was approved in the amount of 20% of the investment, and in the Sixth WBIF invitation, an application for additional 20% was submitted.</p>	
PROJECT DOCUMENTATION	
<p>Preliminary design was completed. The tender for the procurement of a detailed preliminary design was published, and the opening of offers is scheduled for 28.07.2022. The main design will be prepared by the Contractor since the project is realised according to the FIDIC Yellow Book. On 15.06.2022, a notice was published on the procurement "Preparation of the Detailed Preliminary Design, Corridor Vc, sub-section Tunnel Kvanj - Buna". The deadline for offer submission was scheduled for 28.07.2022, and after an appeal was lodged and the tender documentation was amended, a new deadline for opening of offers was scheduled for 06.09.2022, but in the meantime a new appeal was received and a notice was sent to the bidders on stopping the proceedings, and there is an ongoing preparation of the statement on the subject appeal.</p>	
APPROVALS AND PERMITS	
<p>The environmental permit was obtained in May 2019.</p> <p>In December 2019, the Federal Ministry of Spatial Planning issued an urban permit.</p> <p>The building permit will be obtained after the main design is created by the contractor.</p>	
EXPROPRIATION	
<p>The municipalities of Čapljina and Stolac and the City of Mostar are responsible for the expropriation procedure. The degree of realisation of expropriation in the territory of the municipality of Čapljina is 100%. The degree of realisation of expropriation in the area of the City of Mostar is 100% of the area (taking into consideration the 2 decisions of the FBiH Government on early entry into possession). In the municipality of Stolac, 100% of the area was expropriated, including 1 decision of the FBiH Government on early entry into possession. Realisation of expropriation on the complete sub-section is 100%.</p>	
PROCUREMENT - SERVICES	
<p>Construction works services Type of procedure: Open The management of JP Autoceste FBiH on 25.03.2022 made the Decision on cancellation of the procurement procedure that was initiated in 2019. A new procedure was initiated by the Management Decision dated from 21.04.2022. The preparation of the pre-qualifying documentation was completed. Invitation for technical offers submission was published on 09.08.2022, with the deadline for submission until 10.10.2022.</p>	
<p>Consultant supervision services Type of procedure: Competitive An Agreement with the company Proyapi in the amount of 5,247,648.00 EUR with VAT included was signed on 14.10.2020.</p>	

Technical assistance to the unit for project implementation Type of procedure: Competitive The agreement with the company Technital S.p.A. – Italy was signed on 12.04.2021. Agreement value is 818,274.60 EUR with VAT included.	
SECTION BUNA - POČITELJ	
TECHNICAL DESCRIPTION	
The section is 7.18 km long with the following facilities: 2 overpasses (Grabovina and Kevčić), 2 wildlife passages, 1 underpass (Bivolje Brdo), 1 sustaining wall. During the construction of this section, the relocation of 5 high-voltage transmission lines is also planned.	
Financing	EBRD loan number 47372
	WBIF grant
Number and date of the environmental permit	Nr.: UPI 05/2-23-11-72/16 SN dated from 12.10.2016
Number and date of the building permit	Nr.: UPI/03-23-2-181/18 dated from 25.07.2018
CONSTRUCTION WORKS	
Contractor	Hering P.I.c. Široki Brijeg
Agreement number	JPAC 743-B74-16; signed on 18.05.2018
Agreement value	25,692,383.53 EUR with VAT included
Construction due date	540 days + 126 days + 515 days, i.e. 27 October 2021
Addenda	Addendum Nr. 1 was signed on 19.10.2018 for the purpose of adjustment with the new Law on Financial Operations and does not affect the contracted price.
	Addendum Nr. 2 was signed on 29.05.2020 with a due date extension of 126 days.
	Addendum Nr. 3 was signed on 10.11.2021 with a due date of 27.10.2021.
SUPERVISION SERVICES	
Consultant	Consortium: Aecom Inocsa S.L.U. and Aecom d.o.o
Agreement number	JPAC 745-E380-16 dated from 08.05.2018
Agreement value	2,154,800.70 EUR with VAT included
Agreement period	51 months

Addenda	Addendum Nr. 1 was signed on 22.09.2020 with an extension of the due date to 51 months in total and an upper limit of funds of 2,154,800.70 EUR with VAT included Agreement value 2,154,800.70.
	Addendum Nr. 2 was signed on 23.12.2021 with an extension of the due date to 63 months in total and an upper limit of funds of 2,564,252.73 EUR with VAT included. Agreement value 2,564,252.73 EUR with VAT included.
ACTIVITIES AT THE CONSTRUCTION SITE IN THE REPORTING PERIOD	
Description of performed works	
On 27.10.2021 Take-Over Certificate of the works was issued. In the reporting period, there were no works, only monitoring of the condition and elimination of observed defects.	
Number of employees:	July:- August: - September:-
Number of subcontractors	July:- August:- September:-

EXPENSES OF PROJECT REALISATION			
Temporary situation	Date of payment	Amount without VAT in EUR	Amount with VAT in EUR
WORKS - Hering P.I.c. Široki Brijeg			
Σ 1-39	until 30.6.2022	20,730,342.70	24,254,500.96
PS 40	8.8.2022	41,904.23	49,027.95
PS 41	8.8.2022	519,139.95	607,393.74
PS 42	8.8.2022	23,651.68	23,651.68
Q3	01.07-30.09.2022	584,695.86	656,421.69
WORKS TOTAL	until 30.09.2022	21,315,038.56	24,910,922.65
SUPERVISION-Consortium: Aecom Inocsa S.L.U. and Aecom d.o.o			
Σ 1-41	until 30.6.2022	2,110,547.48	2,469,340.55
PS 42	11.8.2022	20,210.93	23,646.79
PS 43	11.8.2022	18,795.37	21,990.58
PS 44	11.8.2022	9,628.68	11,265.56
PS 45	11.8.2022	9,971.28	11,666.40
Q3	01.07-30.09.2022	58,606.26	68,569.32
SUPERVISION TOTAL	until 30.09.2022	2,169,153.74	2,537,909.88
TOTAL EXPENSES OF PROJECT REALISATION PAID UNTIL 30.09.2022		23,484,192.30	27,448,832.53

RECAPITULATION BY FINANCING SOURCES		
SOURCE OF FINANCING	TYPE OF EXPENSE	AMOUNT WITHOUT VAT IN EUR
EBRD Nr. 47372	WORKS	17,529,890.73
EBRD Nr. 47372	SUPERVISION	1,000,534.00
WBIF Grant for INV component	WORKS	3,785,147.83
WBIF Grant for TA component	SUPERVISION	1,168,619.74
TOTAL		23,484,192.30

SUB-SECTION POČITELJ – ZVIROVIĆI LOT 1 and LOT 2	
TECHNICAL DESCRIPTION	
<p>The length of the section is 11.07 km and it is divided into two LOTs.</p> <p>LOT 1 consists of a motorway route with a length of over 10 kilometers on which there are significant facilities: Intersection Počitelj with toll booth and access roads, Interregional interchange, three viaducts, a tunnel and an open route.</p> <p>LOT 2 is the impressive Počitelj Bridge with the length of 980 m. 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 pre-stressed reinforced concrete bridge with a box cross-section, which is built using the technology of free cantilever construction.</p>	
Financing	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 from 2 April 2014. and updated environmental permit UPI 05 / 2-23-11-21 / 19 SN dated from 11 April 2019.
Number and date of the building permit	UPI / 03-23-2-271 / 15 ID dated from 12 November 2015 and updated Building permit UPI / 03-23-2-271 / 15 ID dated from 23 December 2015 and updated Building permit UPI / 03-23-2-271 / 15 dated from 29.9.2021
CONSTRUCTION WORKS LOT 1	
Contractor	China State Construction Engineering Corporation Ltd;
Agreement number	JPAC 975-B96-18 dated from 20.06.2019
Agreement value	66,131,723.39 EUR with VAT included
Construction due date	730 days, i.e. September 2021. (The contractor submitted a request for an extension of the construction due date. The decision of the Supervising Engineer is expected on this request.)
Addenda	Addendum 1 signed on 11.11.2021 due to the extension of the due date for the completion of the works to 730 days.
	Addendum Nr. 2 signed on 09.05.2022, which extends the due date for the completion of the works to a total of 395 days, the new due date for the completion of the works is 26.10.2022.
CONSTRUCTION WORKS LOT 2	
Contractor	JV AzVirt L.L.C (Azerbaijan), Sinohydro Corporation Ltd. (China) and Power China Road Bridge Group Co. Ltd. (China);
Agreement number	JPAC 976-B97-18 dated from 20.06.2019
Agreement value	32,894,420.75 EUR with VAT included
Construction due date	900 days, i.e. March 2022 (The contractor has submitted a request for an extension of the construction due date. The decision of the Supervising Engineer is expected on this request.)

SUPERVISION SERVICES	
Consultant	Consortium: IRD EngineeringS.r.l. Rim, Italy
Agreement number	JPAC 840-E438-17 dated from 11.06.2019
Agreement value	4,434,300.00 EUR with VAT included
Agreement period	57 months
Addenda	Addendum Nr. 1 was signed on 26 October 2020 due to the change in the positions and personnel of the Engineering Team and does not affect the Agreement value.
	Addendum Nr. 2 was signed on 27.09.2022 due to the extension of the due date for supervision services to a total of 67 months, and the increase of the upper limit of the amount to a total of 5,072,401.63 EUR without VAT included
TECHNICAL ASSISTANCE PIU	
Consultant	JV: IPSA d.o.o and VCE
Agreement number	JPAC 839-E437-17 dated from 18.06.2018
Agreement value	350,830.35 EUR with VAT included
Addenda	Addendum Nr. 1 signed on 27.11.2018, due to the changes related to the introduction of BAM as a payment currency.
	Addendum Nr. 2 approved by the creditor, signature is expected to be completed.
ACTIVITIES AT THE CONSTRUCTION SITE IN THE REPORTING PERIOD	
Description of performed works	
LOT 1	
<p>LOT1: Main route and other roads: Excavations in cut and trench; Preparation of the bed; Construction of buffers and cement stabilisation and asphalt works on section 1 and section 2; Protection with wire mesh; Wire fence; Central drainage collector on sections 1 and 2, works on the water protection system; Construction of gutters and external drainage channels, construction of portal foundations, TK and MV installations, Relocation of Regional road R425a; Connection road from the motorway to the main road M17 and M6; Creation of foundations for noise protection, Works in the Počitelj Tunnel - works on the installation of the hydrant network in the Počitelj tunnel, Creation of water reservoirs for the hydrant network, Relocation of the existing water supply, Works on facilities:, Bridge M2 - Creation of pillar foundations, creation of pillars and abutments, creation of scaffolding and formwork of span construction, installation of span reinforcement; Bridge M3 - Excavations, construction of foundations for piers and pillars, excavations and concrete works for the construction of culverts, Počitelj toll booth - works on the toll facility; Toll booth Međugorje - Zvirovići toll facility, IRI Počitelj: final works on the Počitelj tunnel (Cut & Cover), concrete works on the Počitelj underpass, Excavation and embankment at IRI Počitelj, creation of side foundations of the portal, creation of underpass drainage</p>	

Description of performed works LOT 2	
<p>Foundations of pillars S1, S2, S3, S4, S5 and S6 were completed, Pillars S1, S2, S3, S4, S5 and S6 - completed, Pillar S1 – a dowel with a free cantilever construction is mounted, Pillar S2 – 70% of the span construction completed, Pillar S3 - span construction connected to span construction S4, Pillar S4 - span construction connected to span construction S3, Pillar S5 - 40% of the span construction completed, Pillar S6 - 30% of the base segment completed</p>	
Current challenges related to the project implementation and undertaken measures LOT 1	
<p>Problems:</p> <ul style="list-style-type: none"> - Low level of personnel resources and low rate of advancement of Contractors - Unforeseen geological conditions - High risk of damage to the railway infrastructure <p>Measures:</p> <ul style="list-style-type: none"> - Letter was sent to the main office of the contractor for work intensification. The contractor has replaced senior personnel at the site. Consideration of imposition of additional subcontractors pursuant to SC 8.6 of the PCC - Additional geotechnical investigation works were completed, and they are currently being performed. The designer is involved in the remodeling of the foundation and slopes. - Established communication procedure as well as the Agreement between all Railway Administrations, Contractors and Clients. The design and construction of barriers was completed. 	
Current challenges related to the project implementation and undertaken measures LOT 2	
<p>Problems:</p> <p>Long delays on the construction of the span structure. Lack of resources – too little manpower. The main contractor is still not engaged in the construction of the span structure.</p> <p>Measures:</p> <p>Due to long delays in the construction of the span structure, the Engineer issued a Notice on the elimination of defects on 20-Jan-2022. In this Notice, the Contractor was also reminded again that the Contract does not allow subcontracting of span construction.</p> <p>Several meetings between the management of JP Autoceste FBiH and the Contractor were held.</p> <p>In his letter dated from 18 March 2022, the contractor obliged to provide two additional pairs of dowels for free cantilever construction in time. On 09 May 2022, the contractor delivered a new work schedule in which he provided for an additional two pairs of dowels for free cantilever construction. However, the contractor brought only one additional pair of dowels, and in his latest work schedule (delivered on 29-Sep-2022), he predicted the use of only one additional pair of dowels for free cantilever construction.</p>	
Challenges related to the price escalation LOT 1:	<p>Total price escalation until 30th September is in amount of EUR 1,394,019.79. Estimated price increase escalation until project completion is EUR 3.900.000,00.</p>

Challenges related to the price escalation LOT 2:	<p>Total price escalation until 30th September is in amount of EUR 1,787,065.11.</p> <p>Estimated price increase escalation until project completion is EUR 1.000.000,00.</p>		
Number of employees LOT 1	July: 250	August: 260	September: 202
Number of subcontractors LOT 1	July: 12	August: 13	September: 11
Number of employees LOT 2	July: 90	August: 92	September: 95
Number of subcontractors LOT 2	July: 3	August: 3	September: 3

EXPENSES OF PROJECT REALISATION			
Temporary situation	Date of payment	Amount without VAT in EUR	Amount with VAT in EUR
WORKS - China State Construction Engineering Corporation Ltd;			
Σ 1-29	until 30.6.2022	34,996,743.13	40,946,189.46
PS 30	6.7.2022	654,417.82	765,668.85
PS 31	15.8.2022	997,486.78	1,167,059.53
PS 32	20.9.2022	870,256.18	23,651.68
Q3	01.07-30.09.2022	2,522,160.78	1,932,728.38
WORKS TOTAL	until 30.09.2022	37,518,903.91	42,878,917.84
WORKS - JV AzVirt L.L.C (Azerbaijan), Sinohydro Corporation Ltd. (China) and Power China Road Bridge Group Co. Ltd. (China);			
Σ 1-27	until 30.6.2022	16,411,507.86	19,201,464.20
PS 28	6.7.2022	1,177,699.59	1,377,908.52
PS 29	11.8.2022	902,869.83	1,056,357.70
PS 30	20.9.2022	461,647.91	23,651.68
Q3	01.07-30.09.2022	2,542,217.33	2,434,266.22
WORKS TOTAL	until 30.09.2022	18,953,725.19	21,635,730.42
SUPERVISION-Consortium: Consortium: IRD Engineering S.r.l. Rim, Italy			
Σ 1-32	until 30.6.2022	3,790,000.00	4,434,300.00
Q3	01.07-30.09.2022	0.00	0.00
SUPERVISION TOTAL	until 30.09.2022	3,790,000.00	4,434.300.00
TA: JV: IPSA d.o.o and VCE			

Σ 1-15	until 30.6.2022	284,023.61	332,307.62
PS 16	11.8.2022	17,530.00	20,510.10
Q3	01.07-30.09.2022	17,530.00	20,510.10
TA TOTAL	until 30.09.2022	301,553.61	352,817.72
TOTAL EXPENSES OF PROJECT REALISATION PAID UNTIL 30.09.2022		60,564,182.71	69,301,765.99

RECAPITULATION BY FINANCING SOURCES		
SOURCE OF FINANCING	TYPE OF EXPENSE	AMOUNT WITHOUT VAT IN EUR
EIB Nr. 83.975	WORKS LOT 1	37,518,903.91
EIB Nr. 83.975	WORKS LOT 2	18,953,725.19
EIB Nr. 83.975	TA	301,553.61
Own funds	SUPERVISION	3,790,000.00
TOTAL		60,564,182.71

Note: Work, supervision, and technical assistance expenses were paid from own funds in order to enable a subsequent refund of expenses from WBIF grant which will be implemented through EIB.

6. ENVIRONMENTAL IMPACT

The Law on Environmental Protection (Official Gazette of the Federation of BiH Nr. 15/21) defines the conditions and procedure for issuing environmental permits in the Federation. The FBiH Ministry of Environment and Tourism is responsible for issuing environmental permits for the construction of motorway sections on the Corridor Vc. In chapter 5 of this Report, you can find specific information on all environmental permits that were obtained for the motorways that are under preparation and construction.

The environmental permit prescribes general and special measures to mitigate and avoid negative impacts on the environment during construction and during the use of the motorway, including measures to mitigate impacts on the population, microclimate, water, air, soil, flora, fauna, landscape, protected parts of nature, cultural and historical legacy, existing infrastructure. Special measures also apply to protection against noise and vibrations.

The implementation of the measures prescribed by the environmental permit during the construction is to be performed by the Contractor, and is monitored and supervised by the supervising engineer, while during the exploitation, the implementation is to be carried out by JP Autoceste FBiH with the support of suppliers of specific services, for example for waste water monitoring, noise monitoring, etc.

According to the provisions of the environmental permit, JP Autoceste FBiH is obliged to provide reports to the Federal Ministry of Environment and Tourism no later than 30.06. of the current year for the previous year, which is regularly done.

Apart from the obligations prescribed by the law of FBiH, the JP Autoceste FBiH (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 section financed by funds of EIB and EBRD, and deliver reports on the implementation of above-stated plans to creditors.

Also, the Annual Environmental and Social Report is delivered to EBRD for all sections that are financed by them on the Corridor, while information is delivered to EIB through individual semi-annual reports which contain information about the progress in realisation of each of the financing agreements.

APPENDIX 1

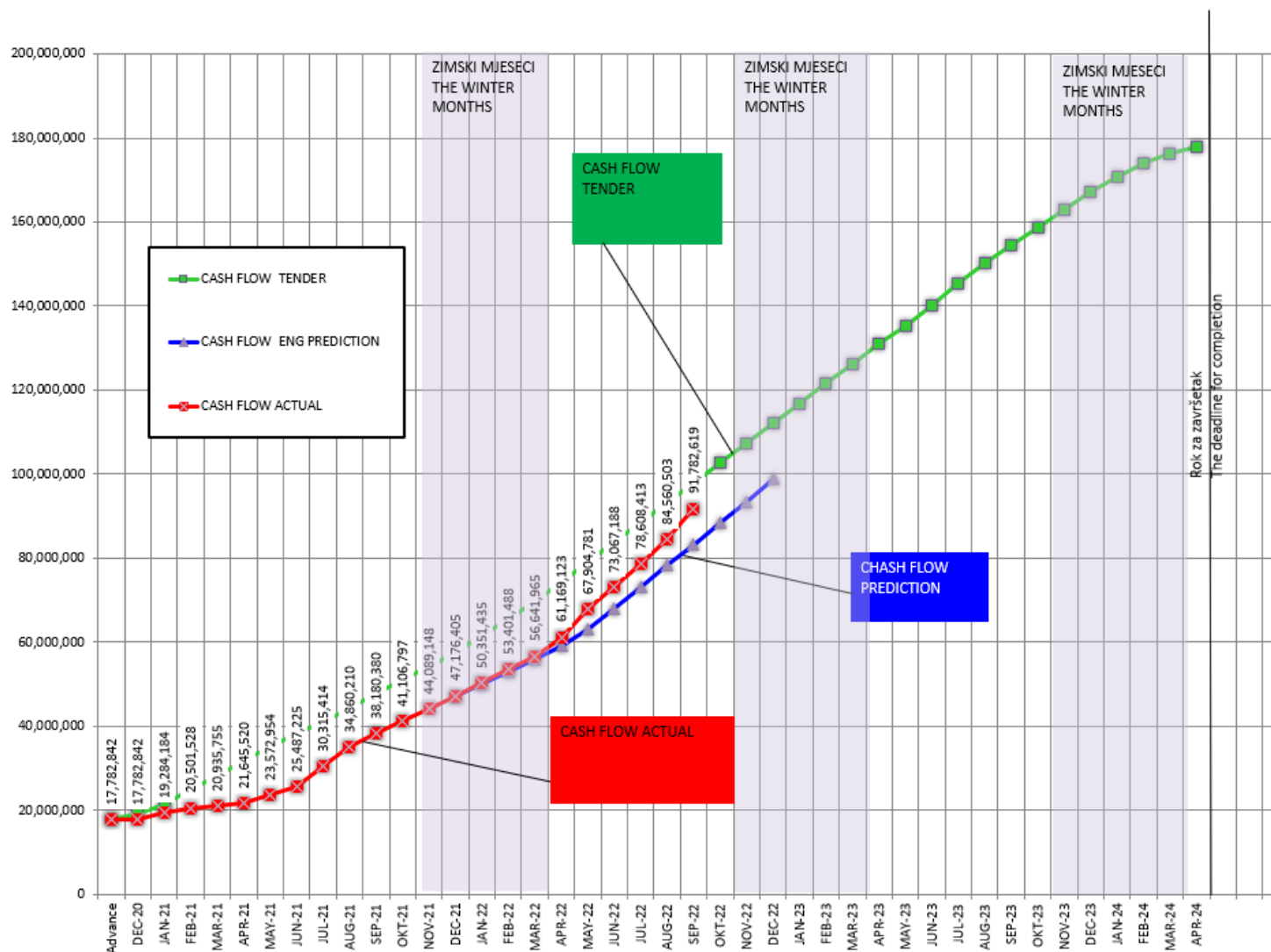
Construction dynamics and cash flows on construction projects

Sub-section Poprikuše - Nemila

Nr.	Description of activities	Duration (days)	Start	Due date	% Completed	Status of construction works
1.	Mobilisation	441	01.12.2020	15.02.2022	100%	
2.	Preparation of the main design and approvals	441	01.12.2020	15.02.2022	98%	
3.	Preliminary activities	120	09.12.2020	08.04.2021	100%	
4.	Motorway route with intersection and connecting road to M17 with toll booth and center for traffic control.	700	05.06.2020	06.05.2022	38%	Replacement of floor layers and stabilisation of river banks 95%, excavation in cut 25%, fillings 40%, reinforced fillings 15%
5.	Tunnel Golubinja	880	07.12.2021	55.05.2024	20%	A total of 2,206 m of the tunnel was excavated, concrete of the vault 3,800 m ³ , foundations 860 m ³ , secondary revetment 2080m ³ .
6.	Bridge Golubinja 1 and Bridge Golubinja 3 (the ramp of the intersection)	810	07.12.2021	25.02.2024	45%	Foundations were completed, middle pillars are on 75%, bank pillars 100%, span construction 50%
7.	Bridge Golubinja 2	705	20.02.2022	26.01.2024	90%	Bridge construction was completed
8.	Bridge Bosna 1	620	07.12.2021	19.08.2023	92%	Bridge construction was completed, preparation of fence in progress
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	06.01.2024	60%	Approximately 500 m of the road was completed (except from the final asphalt layer)
11.	Bridge on the Željeznica river	310	02.12.2022	30.07.2023	60%	Foundations and pillars were completed
12.	Building and relocation of installations.	819	15.02.2022	14.05.2024	30%	

Table 1. The dynamics of works on sub-section Poprikuše – Nemila

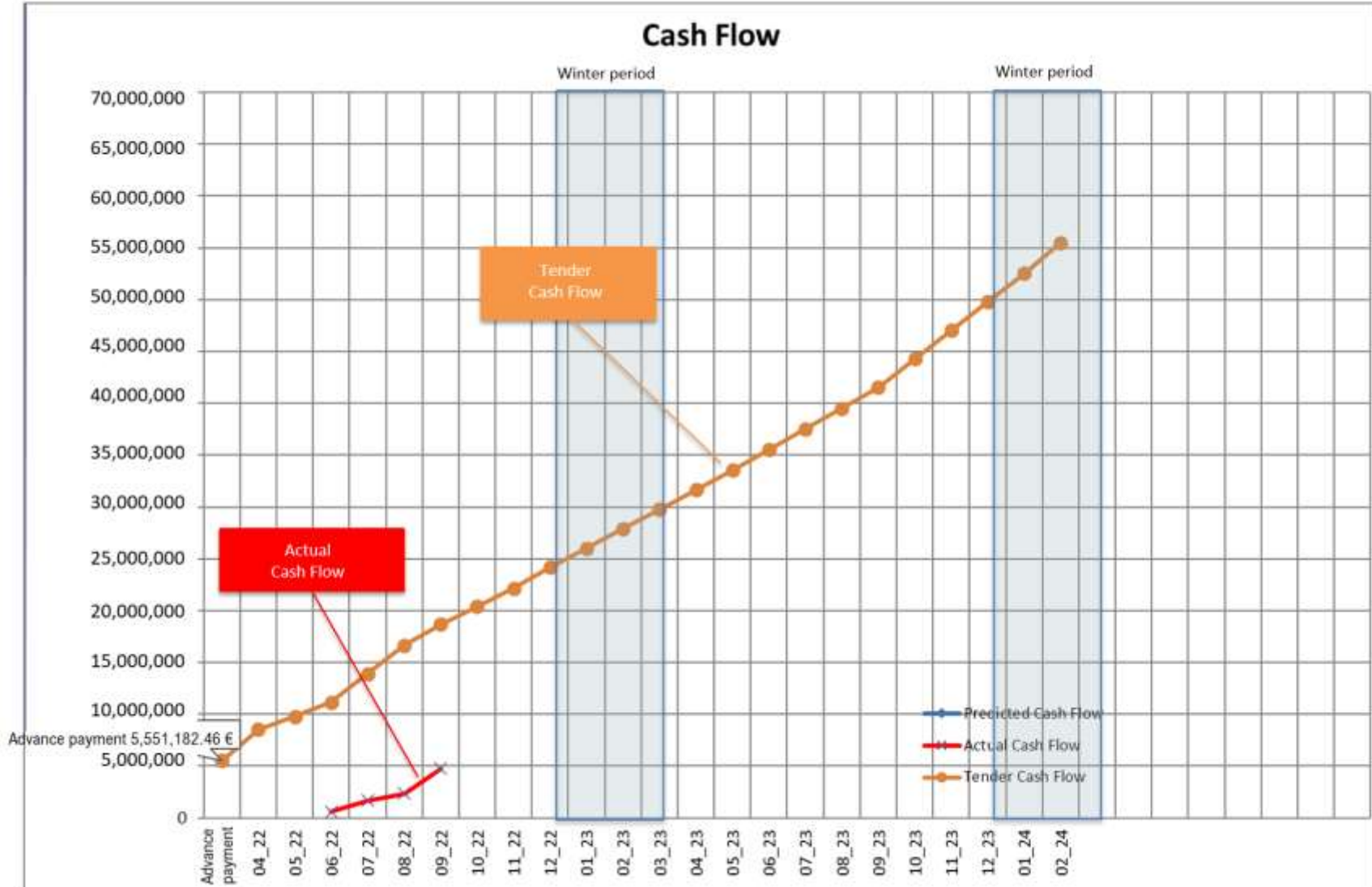
Paprikuše-Nemila



Sub-section Nemila - Vranduk

Nr.	Description of activities	Duration (days)	Start	Due date	% Completed	Status of construction works
1.	Motorway Route – Section 2	721	22.02.2022	12.02.2024	5	Work in progress
2.	Motorway Route – Section 1	620	30.04.2022	09.01.2022	5	Preparation of documentation
3.	Relocation of the main road M17	418	30.04.2022	21.06.2023	10	Work in progress
4.	Regulation of the riverbed of the Bosna River	664	20.04.2022	12.02.2024	5	Preparation of documentation
5.	Temporary toll booth with connection on M17	480	20.10.2022	11.02.2024	0	No work in progress
6.	Completion of the final documentation	110	01.11.2023	18.02.2024	0	-

Table 2. The dynamics of works on sub-section Nemila - Vranduk



Cash Flow Chart 2. Nemila - Vranduk

Sub-section Vranduk – Ponirak

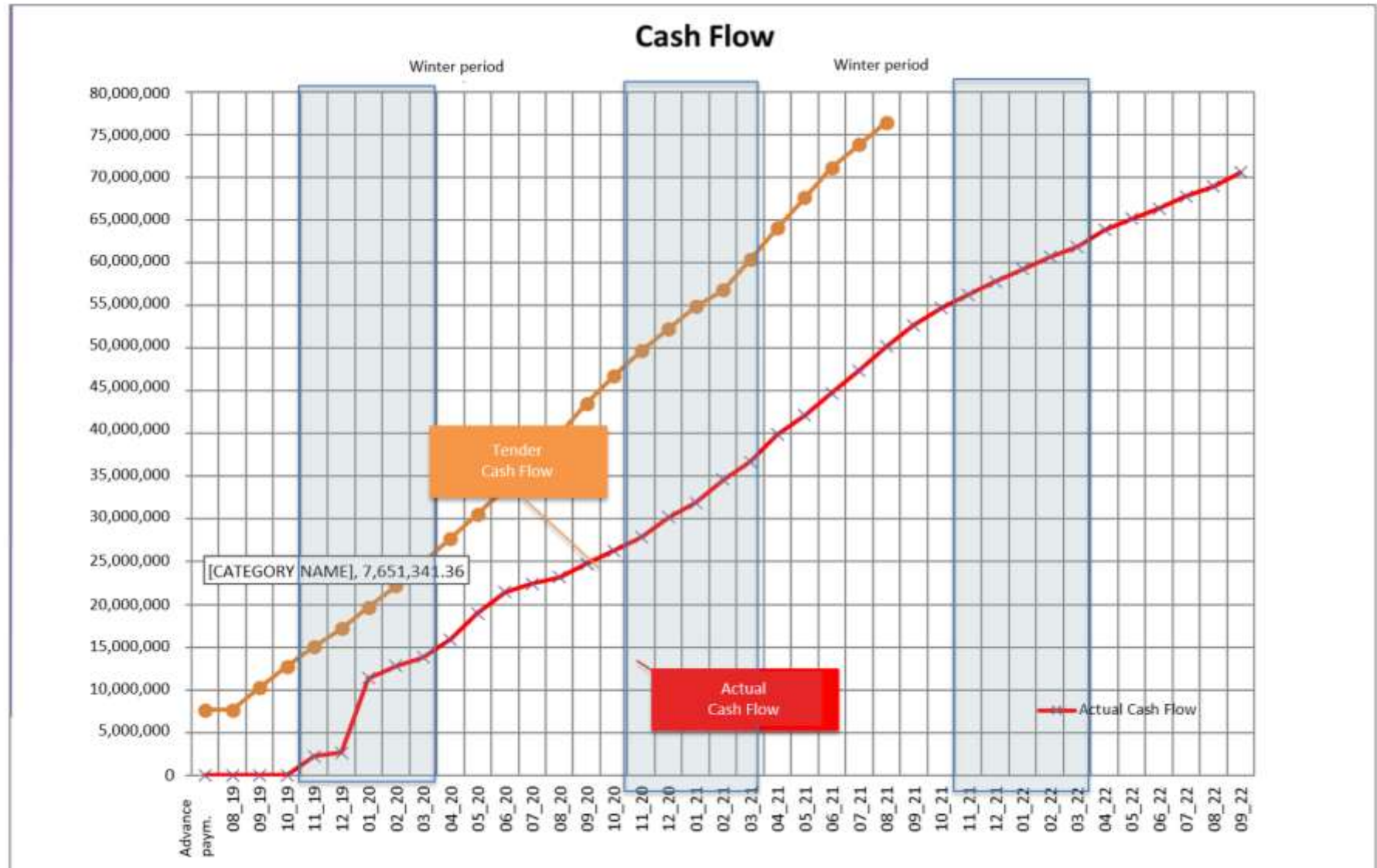
Nr.	ID	Description of activities	Duration (months)	Start	Due date	% Completed	Status of construction works
1		ROUTE					
	A	Motorway Route	23	23-Sep-19	17-Aug-21	16%	<p>On Sector 4a (with the length of 920 metres), completion of the works according to the new project design.</p> <p>Works on Sector 5 (with the length of 138 metres) are being performed according to the new project design.</p> <p>Sector 2 – In the previous period, material was excavated and the first floor of the slope secured with IBO anchors 6 meters long, shotcrete and reinforcing mesh. Works on the drainage of the first floor.</p> <p>Preliminary designs for sectors 1, 6 and 7 were obtained, and the main projects for the Koprivna Viaduct 2 and Sector 6 are expected soon. Until the end of the year, work on these sections of the route is expected to begin.</p>
2	B	OTHER ROADS AND TRAFFIC AREAS	23	28-Sep-19	18-Jul-21	42.06%	Disposal of excavated materials at landfills. The project of the new landfill Malinjak 2 was completed.
3	D	DRAINAGE AND WATER PROTECTION SYSTEM	12	2-Jul-20	22-Jul-21	6%	
4	E	EQUIPMENT AND SIGNALISATION	3	1-May-21	12-Aug-21	0%	
5	F	ENGINEERING CONSTRUCTIONS AND FACILITIES					
	F	Bridges	23	19-Aug-19	17-Aug-21	83.23%	Work in progress
	F	Culverts				60%	There are currently no works on culverts.
	F	Underpass					

	F	Sustaining walls					
	F	Tunnel	23	19-08-19	10-07-21	127.5%	Works on the gallery of approach cutting of the southern portal of the right pipe.
6	G	INSTALLATIONS	23	19-Aug-19	10-Jul-21	9.43%	
7		UNPREDICTED WORKING ACTIVITIES AND ADDITIONAL AWARDING OF FUNDS					
	VO-3	Performance of additional geological exploration works for Mission G31				99.8%	
	VO-4	Cost difference of DMS				220.06%	
	VO-6	Protection of the main road				100%	
	VO-7	Variation for works on Sector 4a				89.87%	
	VO-8	Reparation works on the local roads				101.30%	
	VO-9	Alternative disposal site for materials from the excavation of the "Malinjak" Project				50.23%	The material from the excavation is transferred to L landfills. The procedure for opening of the Malinjak 2 landfill is almost completed and it will be available for utilisation by the contractor soon.
	VO-10	Additional works on the foundations of piers S1L and S1D bridge Vranduk 1				108%	
	VO-11	Improvement number 1: Modification of the foundation method of pier S1D on the bridge Vranduk 2 and modification of the testing method of bearing capacity of the piles of the bridges Vranduk 1 and Vranduk 2				100%	
	VO-12	Relocation of EN network				45.5%	Works stopped

	VO-13	Modification of the foundation method of the abutment U1D of the bridge Vranduk 2				100%	Works completed
	VO-14	Works on playgrounds in the settlements Koprivna and Novi Vranduk				101%	Works completed
	VO-15	Reparation of the damaged local roads				155%	Works completed
	VO-16	Modified geotechnical works and reparation of the slope between profiles P124 and P133				89.34%	Works on Sector 4b continued.
	VO-18	Works of redesigned sector 5				0%	
	VO-19	Reparation of sustaining walls in Varošište settlement				100%	Works completed
	VO-20	Works of redesigned sector 2				0%	
	VO-21	Construction signs on M17				100%	
	VO-22	Regulation of the stream Gladovići				10.08%	Works for achieving of closer relations with the local community. They are not finished yet.
	VO-23	Construction of children's playground in Ponirak				111.4%	Works completed
	VO-24	Preparation of new design projects of the sectors 1, 2, 4, 5, 6, 7 and protal of the tunnel Vranduk				67.7%	Designing in progress.
	VO-25	Reparation of break-offs and geotechnical works according to the new design project of sector 5				67.3%	Reparation of the damage was completed. Other works are in progress.
	VO-26	Additional research work on sector 6				99.1%	In progress.
	VO-27	Works on relocation of the underground cable in sector 2				100%	Completed works before the beginning of the construction works on sector 2.
	VO-28	Geotechnical works according to the re-designed sector 2 project				10.7%	Works on sector 2 began. Excavation of the first slope and slope protection.

	VO-29	Rental costs for landfill L6, L7 and L8				100%	Additional space for storage of the excavated material.
		SPECIFICALLY RESERVED SUMS				100%	
	VO-1	The cost of preparation and update of BIM models				75.1%	
	VO-2	The cost of designer's supervision of works				105.6%	
	VO-5	External quality control				63.94%	

Table 3. Dynamics of works on sub-section Vranduk - Ponirak



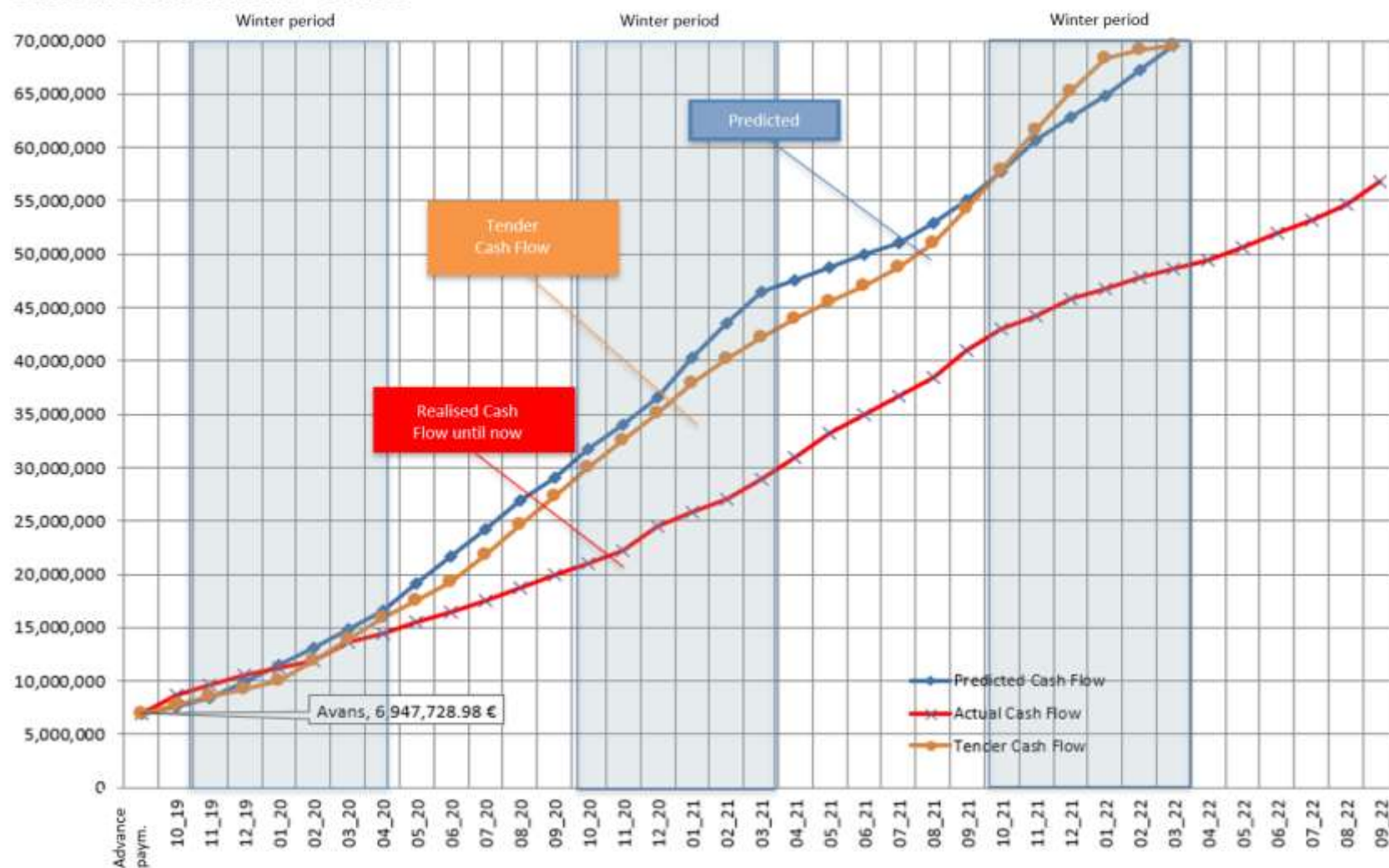
Cash Flow Chart 3. Vranduk – Ponirak

Sub-section Ponirak - Vraca

Nr.	Description of activities	Duration (days)	Start	Due date	% Completed	Status of construction works
1.	ROUTE					
	Motorway route	20	04.02.2020	15.10.2021	0.00	Not started
2.	LOCAL ROADS	2	11.11.2019	03.01.2020	37.74	Currently not in progress
3.	DRAINAGE AND WATER PROTECTION SYSTEM	3	19.06.2021	29.09.2021	0	Not started
4.	EQUIPMENT AND SIGNALISATION	10	19.06.2021	09.04.2022	0	Not started
5.	ENGINEERING CONSTRUCTIONS AND FACILITIES					
	Tunnel Zenica	27	11.11.2019	27.02.2022	70	In progress
	Culvert	4	14.04.2020	14.08.2020	81.30	Currently not in progress
	Underpass	4	14.04.2020	14.08.2020	0	Not started
	Sustaining walls	2	14.02.2020	13.04.2020	0	Will not be constructed according to the new building permit
6.	ISNTALLATIONS	7	28.09.2021	04.04.2022		Not started

Table 4. Dynamics of works on sub-section Ponirak – Vraca

Cash Flow: Ponirak - Vraca



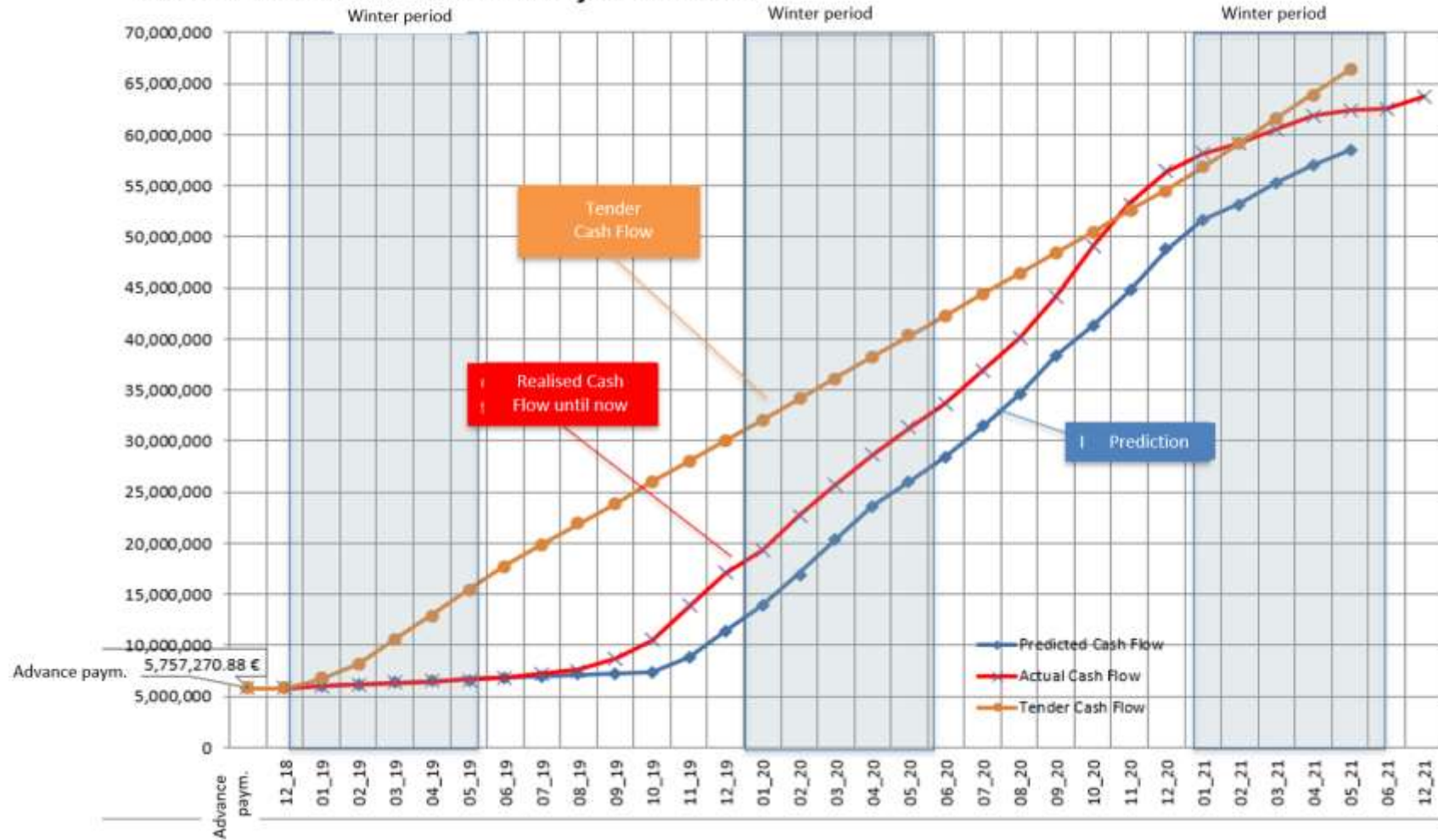
Cash Flow Chart 4. Ponirak – Vraca

Sub-section Tunnel Zenica – Donja Gračanica

Nr.	Description of activities	Duration (days)	Start	Due date	% Completed	Status of construction works
1	Motorway route "Northern section"	497	04.01.2020	14.05.2021		Works completed
2	Motorway route "Southern section"	480	29.10.2019	19.02.2021		Works completed
3	Intersection "Zenica North" and connecting road to M17 with the toll booth	300	26.04.2020	19.02.2021		Works completed
4	Viaduct Donja Gračanica	435	29.10.2019	05.01.2021		Works completed
5	Tunnel Zenica (Vraca)	497	04.01.2020	14.05.2021		Works completed
6	Tunnel Hum	380	29.10.2019	11.11.2020		Works completed
7	Other roads for which building permit is to be issued by the administration of the City of Zenica	433	29.10.2019	03.01.2021		Works completed
8	Construction and relocation of the installations	564	29.10.2019	14.05.2021		Works completed

Tabela 5. Dynamics of works on sub-section Tunnel Zenica – Donja Gračanica

Cash Flow: Tunnel Zenica - Donja Gračanica



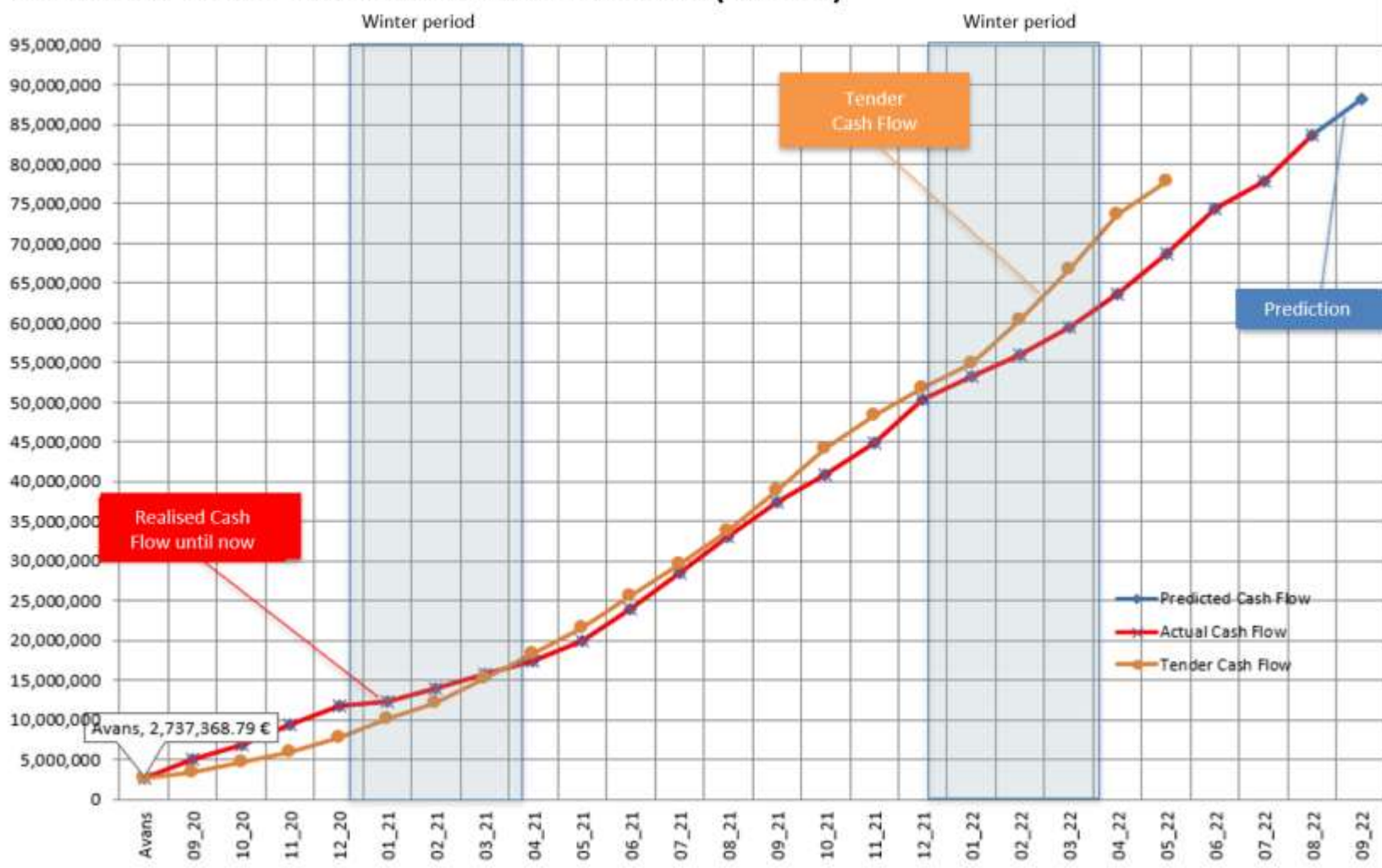
Cash Flow Chart 5. Tunnel Zenica - D. Gračanica

Sub-section Tarčin – Entrance to the Tunnel Ivan LOT 1

Nr.	Description of activities	Duration (days)	Start	Due date	% Completed	Status of construction works
1.	The main route	715	31.08.2021	15.08.2022	98 %	Delayed works according to the dynamics revision 2
2.	Other roads and traffic areas	275	31.08.2021	27.07.2022	96 %	Delayed works according to the dynamics revision 2
3.	External and internal drainage	550	31.08..2021	08.08.2022	80 %	Delayed works according to the dynamics revision 2
4.	Traffic equipment and signalisation	340	10.07.2021	17.08.2022	95 %	Delayed works according to the dynamics revision 2
5.	Facilities	705	31.08.2021	05.08.2022	97 %	Delayed works according to the dynamics revision 2
	Bridge 1. - Raštelica 1	613	01.12.2021	05.08.2022	94 %	Delayed works according to the dynamics revision 2
	Bridge 2. – Raštelica 2	510	31.08.2021	27.06.2022	100 %	Works according to the dynamics revision 2
6.	Installations	341	15.03.2021	21.04.2022	95 %	Delayed works according to the dynamics revision 2
7.	Landscape design of traffic areas and toll booths	56	23.05.2022	27.07.2022	50 %	Delayed works according to the dynamics revision 2
8.	Other facilities	440	15.03.2021	18.08.2022	100 %	Delayed works according to the dynamics revision 2
9.	Documents and additional works	719	31.08.2021	19.08.2022	51 %	
10.	Indirect costs	719	31.08.2021	19.08.2022	100 %	
11.	Provisional sums	719	31.08.2021	19.08.2022	22 %	

Tabela 6. The dynamics of works on sub-section Tarčin – Entrance to the Tunnel Ivan LOT 1

Cash Flow: Tarčin – Entrance to the Tunnel Ivan (LOT – 1)



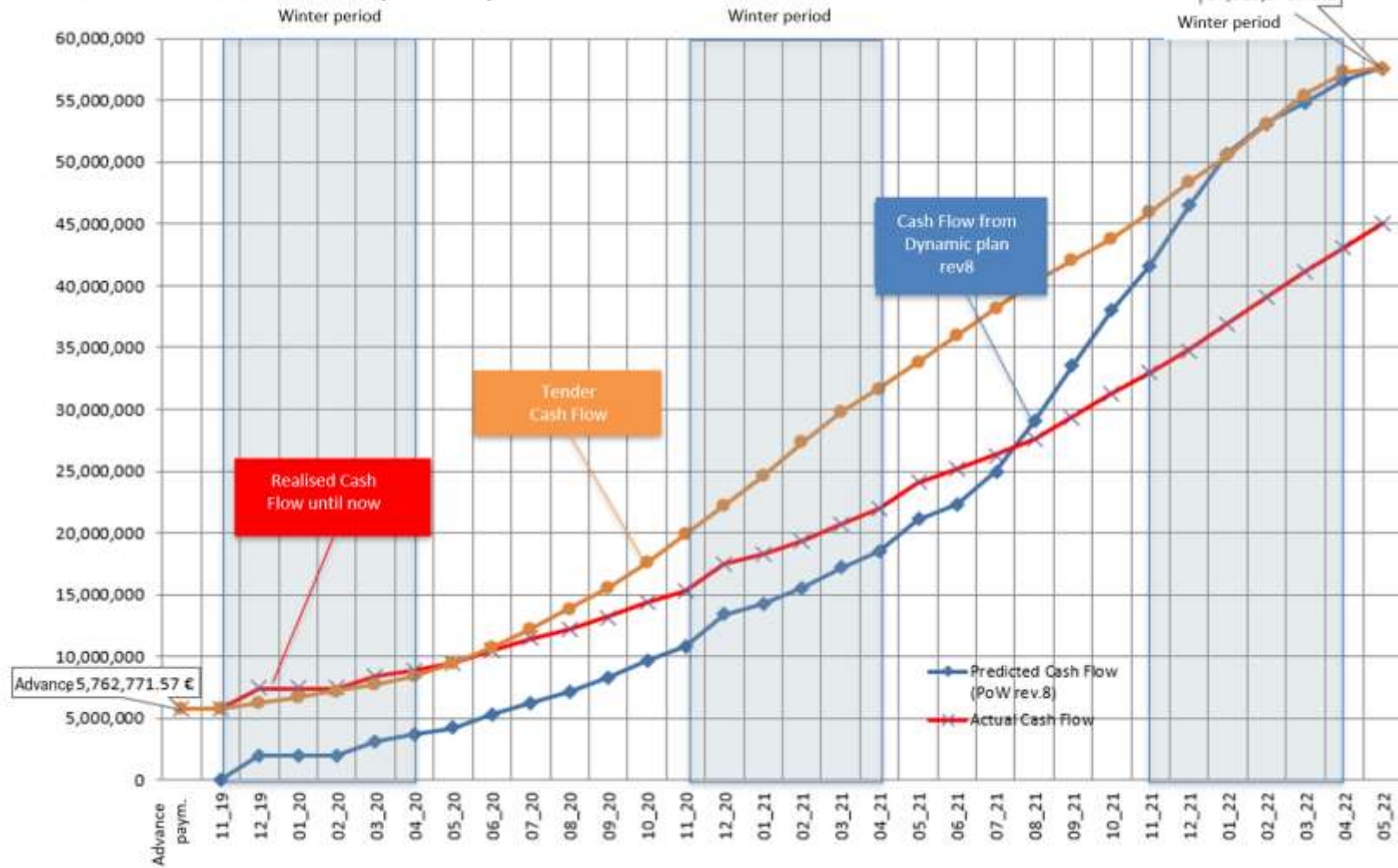
Cash Flow Chart 6. Tarčin –Entrance to the Tunnel Ivan LOT1

Sub-section Tunnel Ivan LOT 2

Nr.	Description of activities	Duration (months)	Start	Due date	% Completed	Status of construction works
1.	The main route	30	06.07.2020	25.03.2022	55.01	Completed
2.	Other roads and traffic areas	30	20.11.2019	25.04.2022	63.02	Completed
3.	External and internal drainage	30	18.01.2021	31.12.2021	78.45	Completed
4.	Traffic equipment and signalisation	30	03.08.2021	13.05.2022	88.78	Works in progress, testing in progress
5.	Facilities	30	23.11.2019	10.05.2022	97.12	Completed
	Hydrotechnical facilities on the watercourse Sirovica	30	04.05.2020	24.10.2020	101.86	Completed
	Tunnel 1 - Ivan	30	23.11.2019	23.05.2022	97.00	Completed
	Bridge Bradina	30	06.05.2020	01.09.2020	114.31	Completed
6.	Installations	30	04.12.2021	11.05.2022	51.54	Works in progress, testing in progress
7.	Landscape design of traffic areas and toll booths	30	14.10.2021	13.05.2022	64.54	Works in progress, testing in progress
8.	Other facilities	30	06.04.2020	29.04.2020	73.64	Completed
9.	Documents and additional works	30	23.11.2019	10.05.2022	34.02	Completed
10.	General (indirect) costs	30	23.11.2019	25.05.2022	86.04	Completed
11.	Provisional sums	30	23.11.2019	25.05.2022	37.99	

Tabela 7. Dynamics of works on sub-section Tunnel Ivan LOT 2

Cash Flow: Tunnel Ivan (LOT – 2)



Cash Flow Chart 7. Tunnel Ivan LOT 2

Section Buna - Počitelj

Nr.	Description of activities	Duration (months)	Start	Due date	% Completed	Status of construction works
1	MOTORWAY ROUTE		3.8.2018	27.10.2021		completed
2	OTHER ROADS AND TRAFFIC AREAS		3.8.2018	27.10.2021		completed
3	GEO-RESEARCH AND GEOTECHNICAL WORKS		3.8.2018	27.10.2021		completed
4	EXTERNAL AND INTERNAL DRAINAGE		3.8.2018	27.10.2021		completed
5	TRAFFIC EQUIPMENT AND SIGNALISATION		3.8.2018	27.10.2021		completed
6	FACILITIES		3.8.2018	27.10.2021		completed
	Overpass Grabovina		3.8.2018	27.10.2021		completed
	Overpass Kevčić		3.8.2018	27.10.2021		completed
	Underpass Bivolje Brdo		3.8.2018	27.10.2021		completed
	Wildlife passages on 12+500		3.8.2018	27.10.2021		completed
	Wildlife passages on 15+660		3.8.2018	27.10.2021		completed
7	INSTALLATIONS 15+420-18+280		3.8.2018	27.10.2021		completed
8	LANDSCAPING OF TRAFFIC AREAS AND OTHER FACILITIES		3.8.2018	27.10.2021		completed
9	INSTALLATIONS 11+100-15+420 AND OTHER PROJECTS		3.8.2018	27.10.2021		completed
10	NOISE PROTECTION		3.8.2018	27.10.2021		completed
11	DOCUMENTATION AND ADDITIONAL WORKS		3.8.2018	27.10.2021		completed
12	TOTAL COSTS		3.8.2018	27.10.2021		completed
13	PROVISIONAL SUMS		3.8.2018	27.10.2021		completed

Table 8. The dynamics of works on section Buna - Počitelj

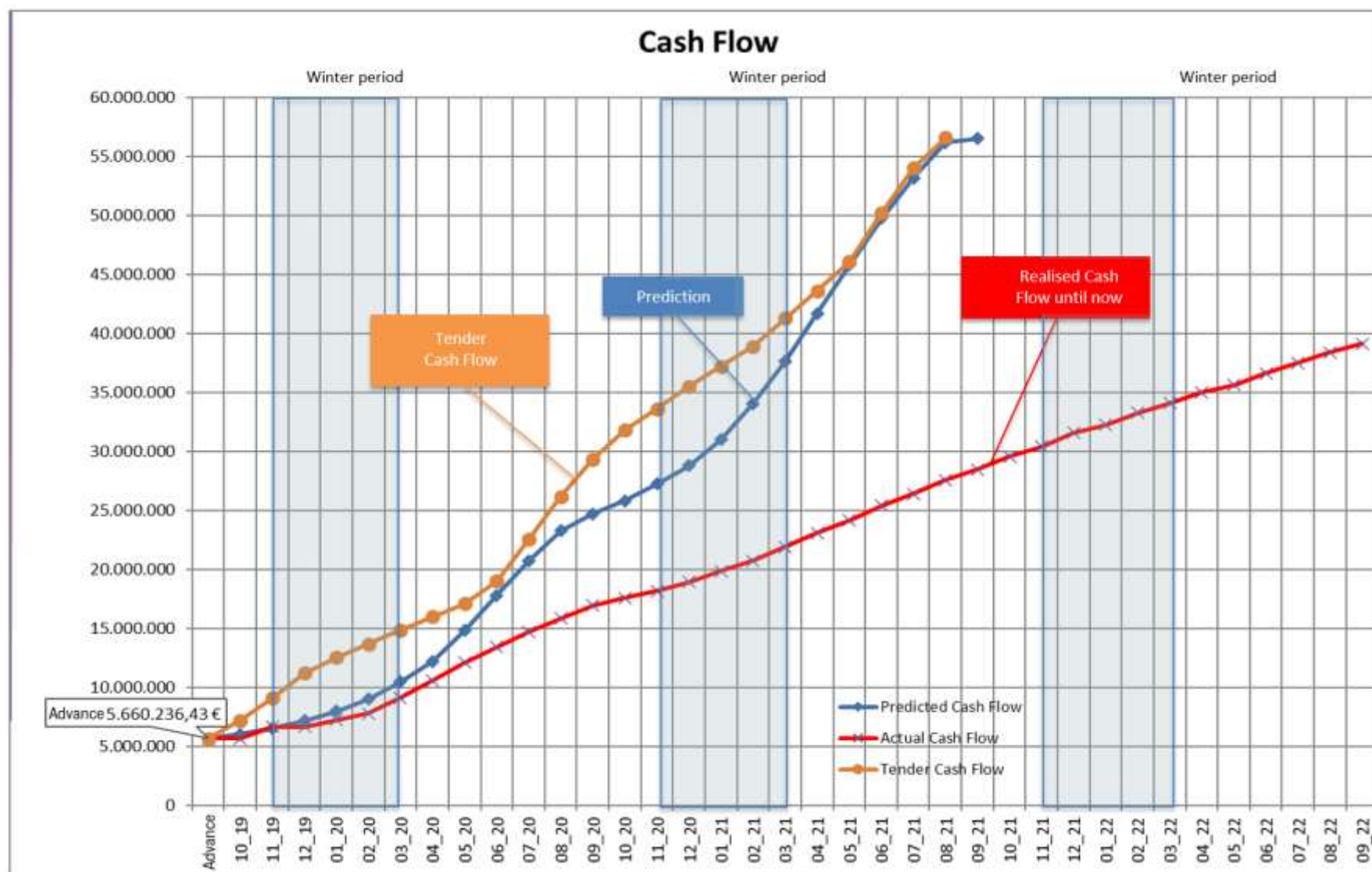
Sub-section Počitelj – Zvirovići

Nr.	ID	Description of activities	Duration (months)	Start	Due date	% Completed	Status of construction works
		LOT 1 – SECTION 1					
1		MAIN ROUTE AND INTERSECTIONS	21.5	12.11.2019	01.12.2021	96.70%	In progress
2		OTHER ROADS AND TRAFFIC AREAS	27.6	01.1.2020	23.8.2022	51.20%	In progress
3		GEO-RESEARCH AND GEOTECHNICAL WORKS	0.0			0.00%	Works didn't start
4		EXTERNAL AND INTERNAL DRAINAGE	10.5	14.12.2020	01.12.2021	91.21%	In progress
5		TRAFFIC EQUIPMENT AND SIGNALISATION	20.5	28.8.2020	17.8.2022	25.70%	In progress
6		FACILITIES					
	6,1	Underpass 0+429, local road Bivolje Brdo	17.2	06.1.2020	27.8.2021	99.42%	In progress
	6,2	Underpass Počitelj intersection 0+866,	15.3	28.5.2020	15.11.2021	99.00%	In progress
	6,3	Underpass 1+461, local road Sevas Njive	18.2	29.1.2020	15.4.2020	92.64%	In progress
	6,4	Overpass 2+967, local road Gradina	15.0	06.4.2020	28.8.2021	80.00%	In progress
	6,5	Culverts	5.5	06.1.2020	23.6.2020	100%	In progress
7		INSTALLATIONS	11.5	23.12.2020	13.12.2021	91.68%	In progress
8		ARCHITECTURE AND LANDSCAPING	12.3	5.12.2020	17.12.2021	17.71%	In progress
		LOT 1 - SECTION 2					

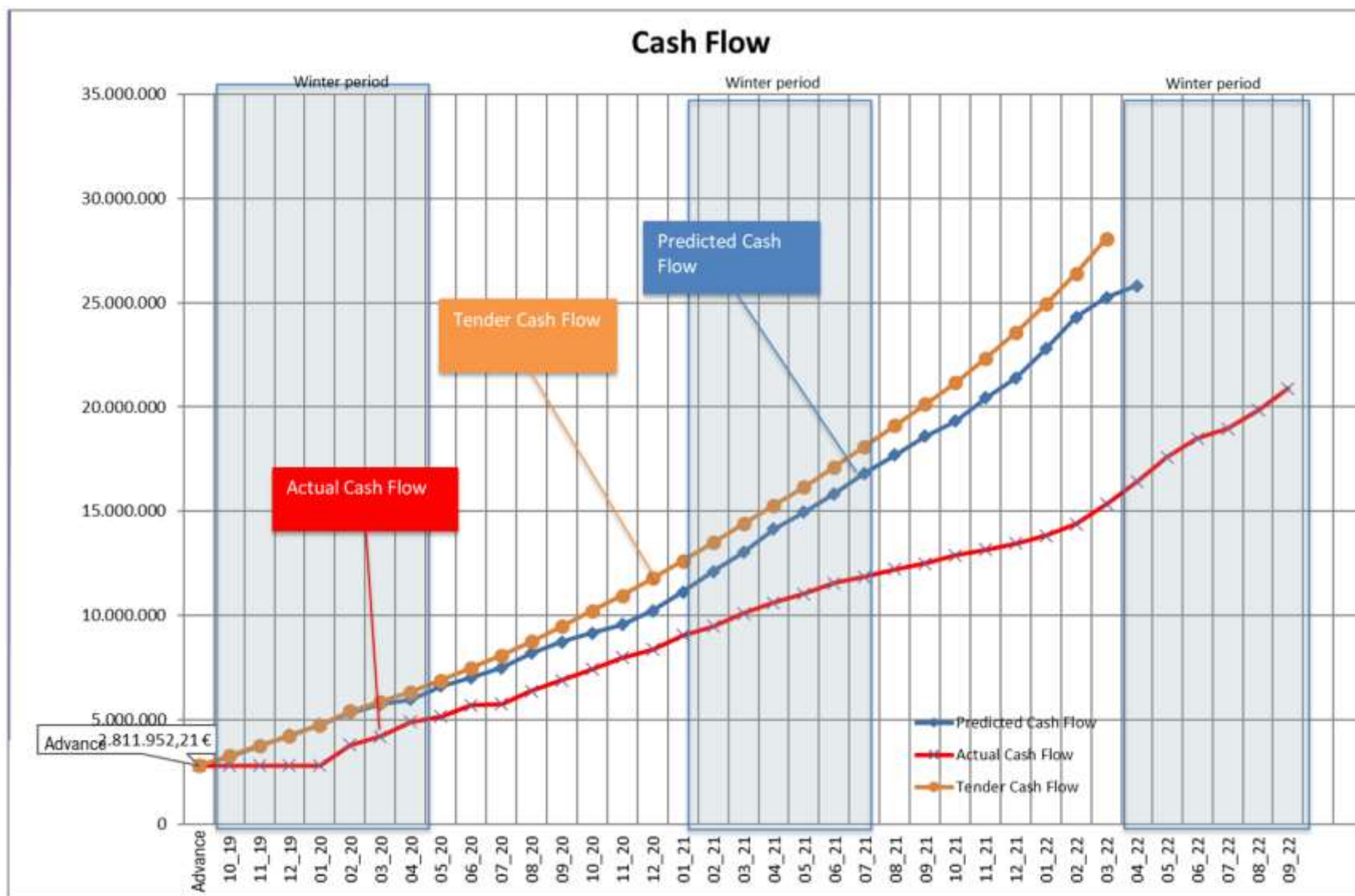
1		MAIN ROUTE	33.5	26.9.2019	28.11.2022	74.25%	In progress
2		OTHER ROADS AND TRAFFIC AREAS	28.7	29.2.2020	28.11.2022	75.50%	In progress
3		GEO-RESEARCH AND GEOTECHNICAL WORKS	17.4	18.2.2020	24.7.2021	0.00%	Works didn't start
4		EXTERNAL AND INTERNAL DRAINAGE	23.6	10.4.2020	18.7.2022	69.88%	In progress
5		TRAFFIC EQUIPMENT AND SIGNALISATION	11.0	31.8.2021	28.9.2022	33.45%	In progress
6		FACILITIES					
	6,1	Bridge M2	7.7	9.5.2020	26.12.2020	30.00%	In progress
	6,2	Bridge M3	3.6	21.1.2020	8.5.2020	5.00%	In progress
	6,3	Bridge M4	13	15.7.2020	27.9.2021	94.82%	In progress
	6,4	Tunnel Počitelj, right 1163 m/left, 1192m	33.2	20.9.2019	28.11.2022	86.52%	In progress
	6,5	Underpass 10.975, regional road, Orlovaca	25	2.1.2020	24.6.2022	91.98%	In progress
	6,6	Culverts	15	31.1.2020	13.7.2021	89.50%	In progress
7		INSTALLATIONS	24	3.4.2020	24.6.2022	57.45%	In progress
8		ARCHITECTURE AND LANDSCAPING	8.0	31.12.2021	19.9.2022	4.12%	In progress
9		OTHER PROJECTS	2.9	25.2.2021	22.5.2021	17.17%	In progress
10		DOCUMENTATION AND ADDITIONAL WORKS	0.0			35.00%	In progress
11		GENERAL COSTS	0.0			97.08%	In progress
12		PROVISIONAL SUMS	23.7	10.10.2019	20.9.2021	10.57%	In progress
		LOT 2 - Bridge Počitelj					

1		EXTERNAL AND INTERNAL DRAINAGE	2.8	21.12.2021	14.3.2022	6.78%	In progress
2		OTHER ROADS AND TRAFFIC AREAS	2.8	21.12.2021	14.3.2022	00%	Works didn't start
3		FACILITIES	24.4	25.2.2020	26.2.2022		
		Road bed (36%)	20.9	25.2.2020	12.11.2021	95.00%	Construction of foundations S1, S2, S3, S4, S5 and S6 - completed; Construction of pillars S1, S2, S3, S4, S5 and S6 - completed; U1 Abutment – completed
		Road superstructure (64%)	16.2	29.10.2020	26.2.2022	50.00%	Span construction - Base Segment S1, S2, S3, S4 and S5 - completed 100%; Base segment S6- completed 30%; S3, S4 - span construction – completed 100%; S2 - span construction - completed 70%; S5 - span construction - completed 40% Dowel is mounted on S1 for span construction.
4		INSTALLATIONS	1.9	24.12.2021	19.2.2022	0.00%	Works have not started
5		DOCUMENTATION AND ADDITIONAL WORKS				40.31%	In progress
6		GENERAL COSTS				97.66%	In progress
7		PROVISIONAL SUMS				34.62%	In progress

Table 9. The dynamics of works on sub-section Počitelj – Zvirovići



Cash Flow Chart 9. Počítelj – Zviroviči Lot 1



Cash Flow Chart 9. Počitelj – Zvirovići Lot 2