

**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 B&H**

as of June 30th 2022



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Sarajevo, August 2022

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1. INTRODUCTION

Public company Motorways of the Federation of Bosnia and Herzegovina Ltd. Mostar (hereinafter: JP Autoceste FBiH) was established by the Law on Roads of the Federation of Bosnia and Herzegovina and started to work as a public company on 1st January 2011. The activity of JP Autoceste FBiH is defined by the Law on roads of the Federation of BH and on the basis on this Law JP Autoceste FBiH has become the holder and the implementer of a very complex and important project regarding the construction of the motorway on Corridor Vc which connects Eastern and Central Europe with the Mediterranean coast. The legal framework for the company in addition to the Law on roads is also defined by Law on the motorways on Corridor Vc, the Company law and the Law on public companies in the Federation and other regulations in Bosnia and Herzegovina.

At the second Pan - European conference on transport held in Crete in 1994, the European Union defined the Union's priorities in the domain of infrastructure and transport corridors to the east until 2015.

At the third Pan - European conference held in Helsinki in 1997, the number of corridors was increased to ten and changes were made. One of these changes was the introduction of Corridor Vc (Budapest - Osijek - Sarajevo - Ploče) in the basic European transport network.

Corridor Vc is a multimodal motorway corridor connecting Hungary (Budapest) and Croatia (Luka Ploče) via Osijek (Croatia) and Sarajevo (Bosnia and Herzegovina) and is also the largest transport infrastructure project in Bosnia and Herzegovina with a total length of about 340 km, while motorway length of 285 km passes through the Federation of Bosnia and Herzegovina. The construction of Corridor Vc motorway improves BH's connection with neighboring countries and improves the potential for economic development. The project is strongly supported by the Government of the Federation of BH and is expected to enable Bosnia and Herzegovina better integration with European economic and social structures.

A total of 112,50 km of motorway on Corridor Vc has been constructed, which refers to the following sections:

- Svilaj - Odžak
- Zenica Bypass (which encompasses a part of the subsection Tunnel Zenica – Donja Gračanica, subsection Klopče – Donja Gračanica and subsection Drivuša – Klopče)
- Zenica South - Sarajevo North;
- Sarajevo North - Sarajevo West;
- Sarajevo West – Tarčin;
- Zvirovići – Bijača.

We present hereafter the Progress report on project implementation within the jurisdiction of JP Autoceste FBiH as of 31st March 2021.



Map: Motorways on Corridor Vc in Bosnia and Herzegovina

2. LOAN AGREEMENTS

In accordance with the Law on roads of FBiH, financial resources for maintenance, protection, reconstruction and construction are provided from:

- Public revenues (revenues from excise duties, tolls, revenues from the use of road land);
- Loans and
- Donation (grants).

For the construction of motorway sections on Corridor Vc in the Federation of BiH, Bosnia and Herzegovina has signed loan agreements or finance contracts with international financial institutions. In the period from 2008 to 2019, agreements have been signed with the European Investment Bank, the European Bank for Reconstruction and Development, the OPEC Fund and the Kuwait Fund for Arab Economic Development. Basic information on all concluded loan agreements for the construction of the motorway on Corridor Vc is given in the three tables below.

IFI	Contract number and date	The section financed by Loan	Loan amount €	Loan status
European Investment Bank (EIB)	No. 24.775 from December 18 th 2008	Kakanj – Drivuša	75 M	Loan repayment in progress.
	No. 31.174 from July 22 nd 2012	Vlakovo – Tarčin and Svilaj – Odžak	166 M	Loan repayment in progress.
	No. 83.975 from November 11 th 2014	Počitelj – Zvirovići	100 M	The loan funds are effective and the withdrawal of tranches is in progress. The fifth Tranche has been withdrawn in July 2022.
	No. 86.971 from April 26 th 2018	Ponirak – Vraca	50 M	The loan funds are effective and the withdrawal of tranches is in progress. Addendum for the Loan Agreement is being prepared in order to enable the withdrawal of loan funds in full.
	No. 87.195 from April 26 th 2018	Tunel Kvanj – Buna	100 M	The FC was ratified. Sub-Loan agreement has been signed. All conditions for withdrawing the first tranche have been met.
	No. 89.502 from February 27 th 2020	Tarčin – Ivan (LOT 1) and Poprikuše – Nemila	140 M	The FC was ratified in October 2020 and both Subsidiary Agreements and the Sub Finance Contract were signed. The third Tranche of this FC was withdrawn in June 2022.
	No. 91.682 from December 28 th 2020.	Medakovo – Ozimice and Ozimice - Poprikuše	340 M	The FC was ratified in June 2021. In February 2022, the Parliament of the Federation of BiH made the Decision on accepting the loan; signing the Loan Sub-Agreement and the Subsidiary Agreement is expected.
Total amount of EIB portfolio on Corridor Vc:			EUR 971 M	

Table no. 1 – Finance contracts with EIB

IFI	Number and date of loan agreement	The section financed by Loan agreement	Loan amount €	Loan status
European Bank for Reconstruction and Development (EBRD)	No. 38716 from October 28 th 2008	Kakanj - Drivuša, Vlakovo - Tarčin, Počitelj - Southern border, Odžak - Northern border	205 M	Loan repayment is in progress.
	No. 47372 from December 22 nd 2015	Zenica Tunnel - Donja Gračanica and Buna - Počitelj	80 M	The loan funds were withdrawn in the amount of approx. EUR 71 million. The remaining project costs will be paid from the grant funds.
	No. 48999 from December 22 nd 2016	Donja Gračanica - Klopče and Svilaj - Odžak	76 M	The loan funds were fully withdrawn as of December 31 st 2020.
	No. 49058 from September 12 th 2018	Poprikuše - Nemila Tunnel Ivan (LOT 2) Mostar South - Tunnel Kvanj	70 M 50 M 60 M	The loan funds are operational from November 26 th 2020 and the payment of applications by the IFI is in progress. Also, on May 19 th 2021 a notification on the availability of Tranche B was received.
	No. 50603 from May 9 th 2019	Putnikovo brdo - Medakovo	60 M	The loan agreement was ratified. The Subsidiary Agreement was signed on February 18 th 2021 and the Sub Loan Agreement on February 23 rd 2021. On April 27 th 2021, JPAC received a notice on the effectiveness of the Loan Agreement.
Total amount of EBRD portfolio on Corridor Vc:			EUR 601 M	

Table no. 2 - Loan agreements with EBRD

IFI	Number and date of loan agreements	The section financed by loan	Loan amount €	Loan status
OPEC Fund for International Development (OFID)	No.1588P from September 3 rd 2014	Klopče – Donja Gračanica	USD 48 M (EUR 43 M)	The loan funds are withdrawn for the most part (approx. USD 17.000 left).
	No. 1589PB from September 3 rd 2014	Klopče – Donja Gračanica	EUR 24 M	The loan funds are fully withdrawn.
	No. 12665 P from August 30 th 2018	Vranduk – Ponirak	27.150.000 USD (23.193.838 EUR)	The loan funds are effective from November 2020 and the payment of applications by the IFI is in progress.
	No. 12663 PB from August 30 th 2018	Vranduk – Ponirak	24.300.000 EUR	The loan funds are fully withdrawn.
Kuwait Fund for Arab Economic Development (KFAED)	No. 794 from July 21 st 2014.	Drivuša – Klopče	10.500.000 KWD (31 M EUR)	The loan funds are fully withdrawn.
	No. 1012 from February 19 th 2019	Nemila - Vranduk	11.600.000 KWD (approx. 36 M EUR)	On November 26 th 2020, the Kuwait Fund sent a notice on the effectiveness of the Loan Agreement. The loan funds are operational and the withdrawal is in progress.
Total amount of portfolio of other IFIs on Corridor Vc:			EUR 181,4 M	

Table no. 3 - Loan agreements with other IFIs

In order to continue the construction of sections on Corridor Vc, JP Autoceste has also launched new loan initiatives. The statuses of the initiatives are shown in table no. 4:

IFI	Section /subsection for which the initiative is submitted	Loan amount of the initiative	Status of initiative
EIB / EBRD	Ovčari – entrance to Tunnel Prenj Tunnel Prenj Tunnel Prenj - Mostar North	EUR 600 M	Upon the Decision of the Federal Government on giving consent in March 2021, the EBRD Mandate Letter for the section Ovčari - Tunnel Prenj - Mostar North was signed. In July 2021, JPAC submitted a Request for a loan indebtedness in order to finance the motorway construction of sections from Ovčari to Mostar South. In October 2021, the Government of the FBiH with its conclusions supported the loan initiative for the EIB and the EBRD in the amount of EUR 300 M each. The Council of Ministers adopted initiatives for indebtedness.
EBRD and commercial banks	Mostar North – Mostar South	EUR 200 M	Upon the Decision of the Federal Government on giving consent in March 2021, the EBRD Mandate Letter for the section Mostar North - Mostar South was signed. In July 2021, JPAC submitted a Request for a loan indebtedness in order to finance the motorway construction of sections from Ovčari to Mostar South. In October 2021, the Government of the FBiH based on its conclusion supported the EBRD loan initiative in the amount up to EUR 50 M. In December 2021, JPAC announced a tender for the procurement of loan funds with commercial banks in the amount of up to EUR 150 M. EUR with assistance of EBRD procurement experts. The first procurement procedure for commercial banks with the assistance of EBRD procurement experts was not successfully completed. Taking into consideration the time needed for the additional loan procedure and significant increase of the estimated project costs due to price increase on the global market, a new project financing structure has been agreed. EBRD participation in the financing plan increased from EUR 50 million to EUR 110 million or potentially 220 million EUR. In line with the new financing structure, the Loan Request will be updated. Procurement procedure for the commercial banks loan started on June 29th 2022. Also, a Draft Grant application for EU funds has been submitted.

OFID	Vranduk - Ponirak additional indebtedness	EUR 25 M	In September 2019, the Federal Ministry of Finance gave a negative opinion on the initiative for additional indebtedness with instructions for finding more favourable sources of financing. In March 2021, OFID submitted a letter of intent with updated loan terms. In July 2021, JPAC submitted an updated application for indebtedness under new and more favourable terms. In September, the Federation of BiH Government supported the initiative for additional indebtedness according to the Conclusion. In December 2021, the Council of Ministers of BiH adopted the initiative and appointed a delegation for the loan negotiations with the purpose of signing the Loan Agreement. Comments on the draft Loan Agreement were submitted to the Federal Ministry of Finance. Activities related to the signing of the Loan Agreement are ongoing.
KFAED	Nemila – Vranduk additional indebtedness	EUR 21 M	The Government of the Federation supports the initiative to secure additional loan funds for the Nemila - Vranduk section from the Kuwait Fund. The Council of Ministers of BiH adopted the MFT initiative in December 2021 and appointed a delegation for conducting loan negotiations with the purpose of signing the Loan Agreement.
Total amount of submitted loan initiatives on Corridor Vc:			EUR 846 M

Table no. 4 - New loan initiative

3. EU GRANTS

Given the fact that the construction of Corridor Vc is financed from funds by international financial institutions that contribute to the WBIF (EIB or EBRD), JPAC is able to apply for grants from the European Union. So far, almost EUR 300 million have been approved for the construction of Corridor Vc in the Federation through 13 grant applications. Implementation of the WBIF grant for Svilaj - Odžak is almost completed, while the other grants are at various stages of administrative procedure which precedes the effectiveness of the grant funds.

Subsection	Date of Grant approval by WBIF SC	IFI	Total Grant Amount €	Status of Grant Agreements
Svilaj - Odžak (JP Autoceste's part of the Grant)	Dec-2015	EIB	19.606.000	Grant funds are effective and fully withdrawn for the investment part. It is expected that JPAC will withdraw the TA component of the Grant in the amount of EUR 2.5 M in 2022.
Putnikovo Brdo - Medakovo	Dec-2019	EBRD	16.550.000	The signing of the Grant Agreement for the INV and TA component is expected in 2022. JPAC submitted its comments on the Grant Agreement for the INV component.
Medakovo - Ozimice	Feb-22	EIB	79.072.600	Grant was approved in the Sixth WBIF INV Call.

Poprikuše - Nemila	Dec-2019	EBRD	41.174.000	<p>The grant agreement for the TA component between JPAC and the EBRD was signed on August 2nd, 2021. In February 2022, the EBRD refunded the funds for the TA component. Payments of applications for supervision are in progress.</p> <p>In April 2022, the Grant Agreement for investment component was signed and the ratification procedure is ongoing.</p>
Ponirak - Vraca	June - 2018	EIB	19.000.000	<p>The Grant agreement was signed in December 2019 and ratified in October 2020. The Federal Government has accepted the Grant Agreement. The Subsidiary Agreement and the Sub-Grant Agreement were signed in December 2020. First tranche of Grant is withdrawn in June 2022.</p>
Tunnel Zenica - Donja Gračanica	June - 2018	EBRD	12.062.000	<p>The Grant agreement for the INV component was signed in March 2021 and ratified in July 2021. The Federal Government accepted the Grant Agreement. JPAC received a notice on the effectiveness of the Grant Agreement. The Sub-Grant agreement was signed in July 2021.</p> <p>The Grant agreement for the TA component was signed between JPAC and EBRD on August 2nd 2021.</p> <p>EBRD has refunded the funds for the TA component in February 2022 and for the INV component in March 2022 and with that, most of the grant funds were withdrawn.</p>
Tarčin - entrance to the Tunnel Ivan (Lot 1)	Dec-2018	EIB	11.780.000	<p>The Grant Agreement was signed on July 29th 2021 and ratified in February 2021. The Federal Government accepted the Grant Agreement. The Subsidiary Agreement and the Sub-Grant Agreement were signed in February 2021.</p> <p>The request for withdrawal of the first tranche of the Grant in the amount of 1.6 M EUR was officially submitted to EIB in October 2021. The procedure for signing the Waiver Letter is ongoing. Disbursement of the first Tranche is expected in Q3 2022.</p>

Tunnel Ivan (Lot 2)	Dec-2018	EBRD	11.480.000	The Grant agreement for the TA component was signed between JPAC and EBRD on August 2 nd 2021. In December, the Request for reimbursement of JPAC's own funds was submitted, as well as an application for payment of supervision services. The EBRD reimbursed the TA component in February 2022. Direct payment by the EBRD to the consultant is in the procedure. In April 2022 the Investment Grant Agreement was signed and submitted to the ratification procedure.
Mostar South - Tunnel Kvanj	Feb-22	EBRD	30.330.818	Grant was approved in the Sixth WBIF INV Call.
Tunnel Kvanj – Buna	Nov-2020	EIB	20.671.580	The first grant application was approved in November 2020. JPAC submitted the application for an additional 20%. Grant was approved in the Sixth WBIF INV Call.
Tunnel Kvanj - Buna (additional 20%)	Feb-22	EIB	23.149.675	
Buna - Počitelj	Dec-2018	EBRD	8.789.140	The INV grant agreement was signed on 10 th March 2021 and ratified in June 2021. The Federal Government accepted the Grant Agreement. The Sub - Grant Agreement was signed in August 2021. In March 2022, the bank's notification on the effectiveness of the Grant Agreement was received. The Grant agreement for the TA component was signed between JPAC and EBRD on August 2 nd 2021. The EBRD reimbursed funds for the TA component in March 2022, and in May 2022 reimbursed funds for the INV component / works costs.
Počitelj - Zvirovići	June - 2018	EIB	5.000.000	The Grant agreement for the TA component was signed between EIB, the Ministry of Finance and Treasury of BiH and JPAC on November 15 th 2021 and was submitted to the ratification procedure. In February 2022, the Government of FBiH made the Decision on acceptance of the grant for the TA component. The Presidency of BiH made the Decision on ratification of the Grant Agreement and it was published in the Official Gazette of Bosnia and Herzegovina in May 2022. The withdrawal of the first Tranche of the grant is expected in Q3 2022.
TOTAL:			EUR 298.665.813 EUR	

Table no. 5 - WBIF Investment Grants

In June 2022, JP Autoceste submitted the first drafts of applications at the Seventh WBIF call for investment grants for the following sections:

Section / Subsection	The WBIF applications from the Seventh Call
Putnikovo Brdo - Medakovo	(additional 20% of the investment amount)
Ozimice - Poprikuše	(40% of the works costs + 100% of the supervision costs)
Tunnel Prenj	(40% of the works costs + 100% of the supervision costs)
Mostar North - Mostar south	(40% of the works costs + 100% of the supervision costs)

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

In March 2022, JP Autoceste submitted an application to the 27th WBIF Call for Technical Assistance for a technical assistance grant for the Prenj Tunnel.

Also, an official request to increase the value of technical assistance grants for sections from Ovčari to Mostar North has been submitted and the approval procedure is ongoing.

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

Subsection	IFI	Amount €	Grant implementer	Status
Ivan - Ovčari	EIB	2.512.500	IPF9	IPF 9 has been in charge of preparation of following project documentation: Feasibility study, Environmental impact study, Preliminary design, Detailed design and revision of the Detailed design. The preparation of study documentation commenced in January 2021.
Ovčari – Entrance to tunnel Prenj	EBRD	3.051.180	IPF8	2 WBIF grants are being implemented together in two components as follows: Component 1 - includes a Gap analysis, an Environmental Impact Assessment and a disclosure pack of environmental and social documents in line with EBRD standards. The preparation of the study started in June 2020. The preparation of these documentation is in progress.
Exit from tunnel Prenj – Mostar North	EBRD	3.893.500	IPF8	Component 2 - includes preparation of Detailed design, tender documentation and completion of the Detailed design is expected in October 2022. The tender will be published upon completion of the Detailed design.
Tunnel Prenj	EBRD	3.500.000		On June 22 nd 2022, the WBIF Operational board adopted the application as part of the 27th TA call.

Table no. 6 - WBIF Technical assistance grants

4. PROCUREMENT PLAN

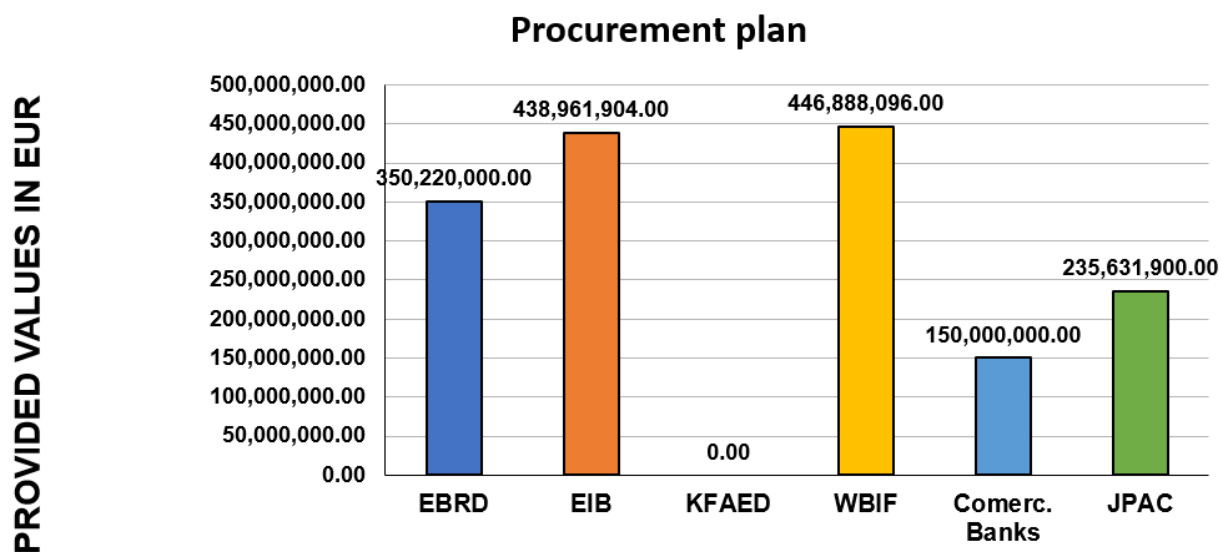
JP Autoceste prepared the expected plan for the procurement of works and supervision according to the IFI's procedures. The plan provides estimated values, and the contract values will be defined after the completion of the tender procedure.

No.	Description	Estimated	Financed by	Contract	Procurement	Tender	Contract	
		Contract amount		Type	Method	Call month -year	Signing month-year	Completion deadline month-year
1.	Putnikovo brdo - Medakovo Construction works	55.500.000	EBRD	Works	Open	Sep - 20	Jul - 22	Jul - 24
2.	Putnikovo brdo - Medakovo Supervision services	3.500.000	EBRD	Services	Competitive	Nov - 20	Jul - 22	Jul - 26
3.	Medakovo – Ozimice Construction works	160.000.000	EIB & WBIF	Works	Open	May - 22	Sept - 22	Jun - 25
4.	Medakovo – Ozimice Supervision	4.400.000	WBIF	Services	Competitive	Feb - 22	Aug - 22	Aug - 25
5.	Medakovo – Poprikuše TA for PIU services	850.000	WBIF	Services	Competitive	Jan - 22	Jul - 22	Mar - 26
6.	Ozimice - Poprikuše Construction works	172.600.000	EIB & WBIF	Works	Open	Jul - 22	Feb - 23	Nov - 25
7.	Ozimice - Poprikuše Supervision	4.700.000	WBIF	Services	Competitive	May - 22	Jan - 23	Nov - 25
8.	Mostar South – Tunnel Kvanj Construction works	66.970.000	EBRD	Works	Open	Dec - 20	Dec - 22	Dec - 25
9.	Mostar South – Tunnel Kvanj Supervision services	3.500.000	EBRD	Services	Competitive	Oct - 20	Oct - 22	Dec - 25
10.	Tunnel Kvanj – Buna Construction works	98.100.000	EIB	Works	Open	Aug - 22	Jun - 23	Jun - 25
11.	Mostar North – Mostar South Preliminary and Detailed design services	8.000.000	EBRD	Services	Competitive	Dec - 21	Aug - 22	Feb - 23
12.	Mostar North – Mostar South Detailed design audit services	1.500.000	EBRD	Services	Competitive	Dec - 21	Aug - 22	Feb - 23
13.	Mostar North – Mostar South Supervision services	10.000.000	EBRD	Services	Competitive	May - 22	Dec - 22	Jul - 26
14.	Mostar North – Mostar South Construction works	350.000.000	EBRD & Commercial Banks	Works	Open	Jul - 22	Jul - 23	Jun - 26
15.	Tunnel Prenj Preliminary design with elements of detailed design	6.000.000	EBRD	Services	Competitive	Dec - 21	Aug - 22	Jun - 23
16.	Tunnel Prenj TA for PIU services	4.500.000	EBRD	Services	Competitive	Jul - 22	Nov - 22	Nov - 30
17.	Tunnel Prenj- construction of access roads	20.000.000	EBRD	Works	Open	Jul - 22	Nov - 22	Jul - 23
18.	Tunnel Prenj - supervision of the construction of access roads	750.000	EBRD	Services	Competitive	Jul - 22	Nov - 22	Jul - 24
19.	Tunnel Prenj- construction works	400.000.000	EBRD EIB WBIF	Works	Open	Jul - 22	Mar - 23	Mar - 29

20.	Tunnel Prenj- supervision services	15.200.000	WBIF	Services	Competitive	Dec - 22	May - 23	May - 29
	FINANCED BY IFI*s:	1.386.070.000	EBRD, EIB, KFAED, WBIF & Commercial banks					
	VAT (17%) JPAC	235.631.900						
	TOTAL incl. VAT:	1.621.701,900						

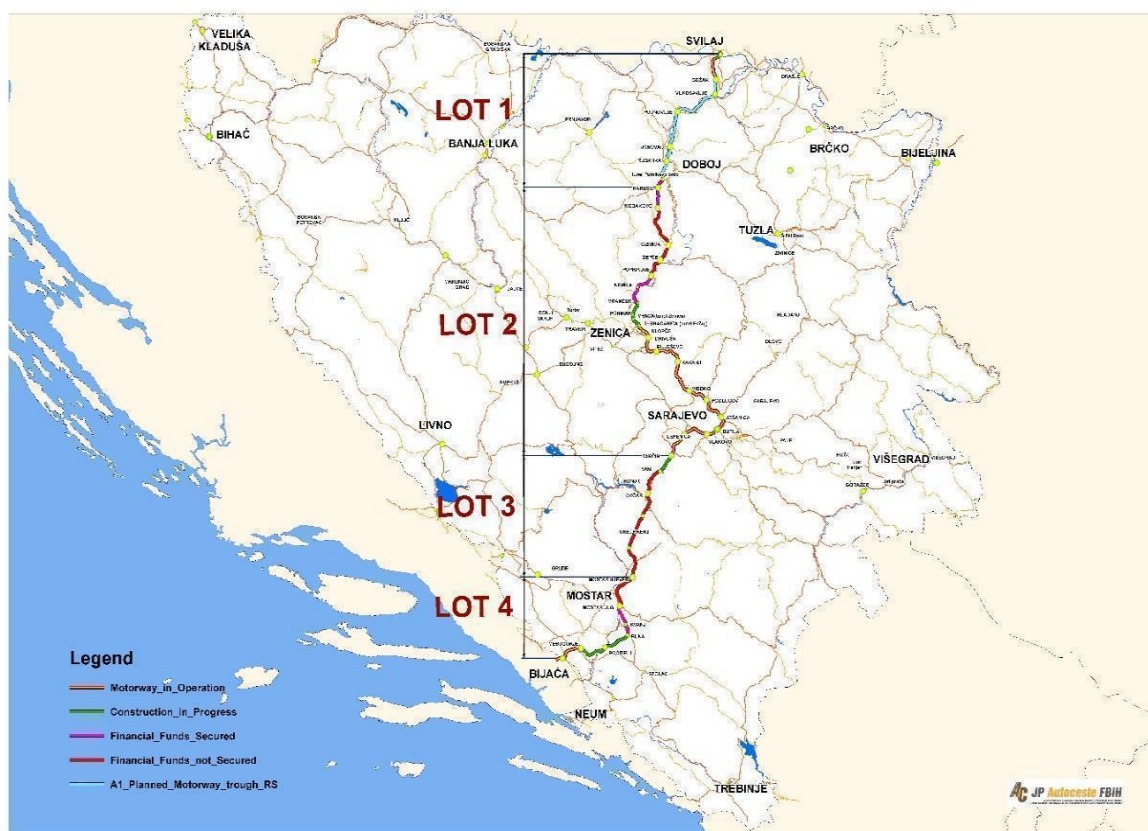
Table no. 7 – Procurement plan

Graph 1. - shows the financing structure for the new projects on Corridor Vc that are on procurement phase and financed by international financial institutions, WBIF grant funds, as well as JP Autoceste's own funds.



Graph 1: Financing structure for the new motorway sections

5. LOTS ON CORRIDOR VC

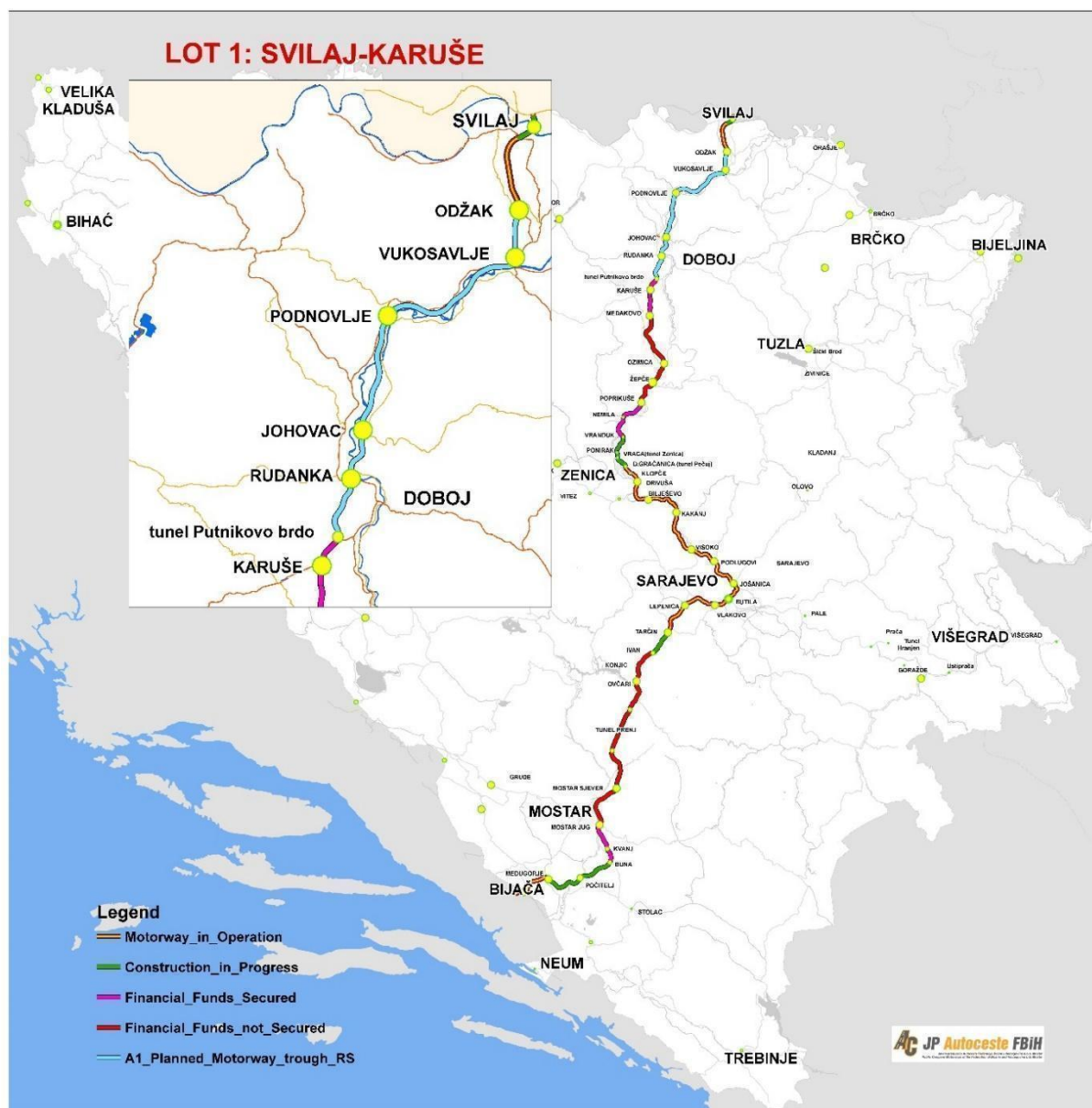


Corridor Vc in BH includes four main sections (in Government documents named as Lots) as follows:

- Lot 1: Svilaj on the river Sava (connection to Corridor X) – Doboj South;
- Lot 2: Doboj South – Sarajevo South (Tarčin);
- Lot 3: Sarajevo South (Tarčin) – Mostar North;
- Lot 4: Mostar North – Bijača on the southern border with Croatia.

According to the aforementioned Lots, this Report presents the progress of the subsections that are currently in preparation or under construction.

5.1. LOT 1: SVILAJ – KARUŠE



LOT 1 starts with the motorway section Svilaj – Odžak which was put into operation on 30th September 2021. The motorway sections from Odžak to the Tunnel Putnikovo Brdo are under the jurisdiction of the JP Autoputevi RS after which the subsection Putnikovo Brdo – Medakovo continues. Although one part of the subsection Putnikovo Brdo – Medakovo (from Karuše to Medakovo) belongs to LOT 2, the data will be presented in this chapter.

SECTION SVILAJ – ODŽAK	
TECHNICAL DESCRIPTION	
The total length of the section is 10 + 400 km. The starting point of the section is the Svilaj bridge, then extends 300m to the Svilaj crossing border, after which the Svilaj interchange is located. Further the toll station Svilaj is located. The section ends at the Odžak interchange located near Odžak. The implementation of the project is divided into two phases in order to coordinate with the construction progress of the bridge over the Sava River, which will connect parts of the Corridor Vc in Croatia and Bosnia and Herzegovina.	
Financing	EIB loan no.31.174
	EBRD loan no. 48999
	WBIF grant WBIF CF 1006 BIH TRA
	Own funds
Date and number of the environmental permit	Environmental Permit UP-I/03/02-23-4-46/05 dated 07.09.2010. Updated Environmental Permit UPI 05/02-23-11-75/16 dated 06.06.2016.
Date and number of the construction permit	Construction Permit UPI/03-23-2-321/12 dated 14.12.2012. Updated construction permit UPI/03-23-2-321-1/12 dated 10.10.2014.
Date and number of use permit for Phase I	UPI/03-23-2-229/15 dated November 9 th 2015
Date and number of use permit for Phase II	UPI/03-19-2-320/20 dated September 13 th 2021
CONSTRUCTION WORKS	
Contractor	Joint Venture Strabag AG, Euro- Asfalt d.o.o. Sarajevo and GP ŽGP d.d. Sarajevo
Contract number	JPAC 327-B45-12 signed on 12 th September, 2013 (during the implementation of the Contract 6 addendums were concluded)
Contract value	EUR 83.822.098 incl. VAT which has been amended by the addendums to EUR 41.069.250,13 for Phase I and EUR 44.579.348,66 for Phase II
Construction deadline	420 days which was amended by the addendums to 400 days from March 15 th 2018
SUPERVISION SERVICES	
Consultant	Aecom Inocsa S.L.U. Spain
Contract number	Phase I: JPAC 328-E152-12 signed on September 02 nd 2013 (during the implementation of the Contract 1 addendum was concluded)
	Phase II: JPAC 819-E426-17 signed on March 10 nd 2017 (during the implementation of the Contract 1 addendum was concluded)
Contract value	The Contract value for Phase I is EUR 2.645.311,50 incl. VAT which was increased by Addendum 1 to EUR 3.204.199,44 incl. VAT
	The Contract value for Phase II is EUR 1.186.672,50 incl. VAT which was increased by Addendum to EUR 1.382.793,75 incl. VAT

Duration of contract	Phase I: 38 months which has been amended by the addendums 46 months
	Phase II: 33 months which has been amended by the addendums 51 months
The Federal Ministry of Physical Planning issued the use permit and the section Svilaj - Odžak was put into operation on September 30 th 2021.	
RECAPITULATION OF PAYMENTS FOR CONSTRUCTION WORKS	
Recapitulation of payments for construction works	EUR 67.877.169,28 excl. VAT
RECAPITULATION OF PAYMENTS FOR SUPERVISION	
Recapitulation of payments for supervision	EUR 3.920.507,00 excl. VAT

Recapitulation: EIB loan (no. 31.174), EBRD loan (no.48999), own funds and WBIF grant

Payments per 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	8.698.048,53
Works: grant funds*	520.135,33	14.342.579,00
TOTAL WORKS:	35.389.808,74	32.487.360,54
Supervision: loan funds	421.224,50	748.712,50
Supervision: own funds	2.317.407,50	197.795,50
Supervision: grant funds	0,00	235.367,00
TOTAL SUPERVISION:	2.738.632,00	1.181.875,00

Note: In Q1 2020, part of the grant funds was refunded based on the Request of the Ministry of Finance and Treasury of BiH number 06-21-2-1876-37/19 in the amount of EUR 4.711.491.

SECTION PUTNIKOVO BRDO – MEDAKOVO

TECHNICAL DESCRIPTION

The total length of the section is 8,5 km. The starting point of the section is at the exit from the tunnel Putnikovo brdo 2. Further on the route continues towards the Usora loop where there is a side toll station after which the route crosses the bridge over the regulated riverbed of the Usora river and reaches the settlement of Karuše over the bridges. In Karuše the route passes through a hill and a 220 m long cut & cover system is planned at that location. In the continuation the alignment passes through the inhabited areas of Tešanjka and Medakovo as well as uninhabited ones. The section ends after the interchange Medakovo.

Financing	EBRD, Loan agreement number 50603 EU grant no. WB-IG04-BIH-TRA-01 JPAC applied for additional WBIF grant in 7th INV Call
Project documentation	By the end of September 2020, the update of Detailed design for the sections Putnikovo brdo - Karuše and Karuše - Medakovo was completed.
Consents and permits	In April 2021, the Federal Ministry of Environment and Tourism has issued a Decision on the renewed environmental permit for the complete LOT 1 Svilaj - Doboj South (Karuše), while in September 2019 it has issued an environmental permit for the complete LOT 2 Doboj South (Karuše) - Sarajevo North. In September 2021, the Federal Ministry of Environment and Tourism issued the Decision of urban permit for complete section Putnikovo brdo – Medakovo. The application for the issuance of the Building Permit was submitted in July 2022.
Land acquisition	The alignment passes through the municipalities of Tešanj, Doboj South and Usora. The expropriation procedure was initiated in all the above-mentioned municipalities. In the Municipality of Tešanj, 326 cases out of a total of 332 cases were completed. In the Municipality of Usora, 91 cases out of a total of 106 cases were completed. In the Municipality of Doboj South 76 cases were completed. A total 98,25% of the land area from the expropriation study has been expropriated.
Procurement - Contractor for construction works	Procurement method: Open procedure with pre-qualification. The prequalification procedure was completed on January 19, 2022. when the Bank gave its consent to the evaluation report of the first phase. The evaluation of bids in the second phase has been completed. The report was prepared and sent to the Bank for approval on July 15, 2022. It is estimated that the contract could be signed in Q3 2022.
Procurement - Supervision consulting services	Procurement method: competitive bidding. Call for bids was published on October 26, 2020. The deadline for submitting applications was December 10, 2020. Evaluation report sent to the bank for approval on November 30, 2021. The Bank's consent to the technical evaluation report was obtained on June 27, 2022. The participants were informed about the results of the evaluation on June 28, 2022. It is estimated that the contract could be signed in Q3 2022.

5.2. LOT 2: KARUŠE – TARČIN



LOT 2 in the length of 145 km is the longest LOT on the Corridor. It includes sections from Doboj South to Sarajevo South (Tarčin). The most part of LOT 2 consists of already constructed sections of the motorway (Zenica North - Zenica South and Zenica South - Tarčin) in the length of 92,9 km which are in operation and in the toll system. Zenica Bypass (Zenica north – Zenica south) which encompasses sections Drivuša – Klopče, Klopče – Donja Gračanica and a part of the section Tunnel Zenica – Donja Gračanica was put into operation on July 15th 2021. Other sections on this LOT are in the preparation or construction phase as shown in the rest of the chapter. Information about the part of the motorway from Karuše to Medakovo is presented in the previous chapter and this chapter starts with the section Medakovo - Ozimice.

SECTION MEDAKOVO - OZIMICE

TECHNICAL DESCRIPTION

The total length of the section according to the project is 21.7 km. The starting point of the section is located after the interchange Medakovo and in the next approx. 10 km the alignment passes mostly through populated places: Medakovo, Alispahići, N. Šeher, Ljubatović. On the route there is a tunnel cca 2200 m long and two two-sided rest areas. After exiting the tunnel, the alignment is directed to the south. In the continuation the alignment passes through the inhabited settlements and comes to the interchange Ozimica where the section ends.

Financing	EIB, Contract number 91.682 EU Grant, applied in the Sixth WBIF Call. The Application was positively screened.
Project documentation	The Detailed design and revision of the Detail design is completed
Consents and permits	In September 2019, the Federal Ministry of Environment and Tourism issued an environmental permit for the complete LOT 2 Doboj South (Karuše) - Sarajevo North. Urban consent was obtained. The construction permit will be obtained after fulfilling the legal conditions, which includes the revised Detailed design and completed expropriation procedure.
Land acquisition	The alignment of this section passes through the Municipality of Tešanj, Maglaj and Žepče. The expropriation process is ongoing. The characteristics of this section are numerous residential buildings that need to be expropriated. In the area of municipality of Tešanj total of 704 land plots need to be expropriated out of which 369 have been expropriated. Considering the number of a total of 401 cases so far 248 have been completed. In total, 54,86 % of the land area covered by the expropriation study has been acquired. In the area of the municipality of Maglaj total of 220 land plots need to be expropriated out of which 155 have been expropriated. Considering the number of a total of 112 cases so far 74 have been completed. In total 53,46% of the land area covered by the expropriation study has been acquired. In the expropriation process in the municipality of Žepče 326 parcels need to be expropriated. Initial activities for the expropriation procedure in the Cadastral municipalities of Ljubatovići and Goliješnica are in progress. So far, 14 cases have been fully completed in the area of CM Ozimica.
Procurement - Construction works	Procurement method: Open procedure with pre-qualification. The Bank's consent to the tender documentation was obtained on June 9, 2022. On the same day, a call for tenders was published, with a submission deadline August 9, 2022.
Procurement - Services	Supervision Engineer Procurement method: Competitive bidding. Prequalification was launched in February 2022 and completed in May 2022 when participants were informed about the results of the first phase evaluation. The invitation to submit bids in the second phase was published on June 6, 2022 and the deadline for submission is July 28, 2022.
	Technical Assistance for PIU Medakovo - Poprikuše Procurement method: Open procedure

	The call for bids was published on May 10, 2022 with a delivery deadline of July 12, 2022. The evaluation of proposals is ongoing.
	Biodiversity for Medakovo – Poprikuše Procurement method: Direct procedure The contract has been signed with Zagrebinspekt d.o.o. Mostar with a contract value of EUR 40.000,00 excl. VAT.
	Road Safety Audit (RSA) for Medakovo – Poprikuše Procurement method: Direct procedure. The contract was signed with Ecoplan d.o.o. Mostar with a contract value of EUR 49.240 excl. VAT.

SECTION OZIMICE - POPRIKUŠE	
TECHNICAL DESCRIPTION	
<p>The total length of the section is 12,8 km. The section from Ozimice to Tatarbudjak is in the corridor of the route that was previously adopted by the local community. From Tatarbudžak the route descends to the area of the settlement of Šećin Han between the corridor of the route of the main road and railway on one side and the bed of the river Bosna on the other side. Further, the route mainly goes along this corridor until the beginning of the next section Poprikuše - Zenica North. The route touches the settlements of Varišiste, Šećin Han, Brezovo polje and ends in Golubinja. The Poprikuše loop is planned at the junction of the sections. A total of 10 bridges are planned on the route, and larger and more demanding facilities are designed across the bed of the river Bosna, the main road and the railway. The route also includes four tunnels and one rest area.</p>	
Financing	<p>EIB, Contract number 91.682 JPAC applied for WBIF grant in the 7th INV Call</p>
Project documentation	<p>The Preliminary design was completed. The contract for the Detailed design was signed on October 5th 2021. The contact period is 10 months. The drafting of the Detailed design is currently ongoing.</p>
Consents and permits	<p>In September 2019, the Federal Ministry of Environment and Tourism issued an environmental permit for the complete LOT 2 Dobož South (Karuše) - Sarajevo North. The request for the issuance of the urban permit will be submitted when the selected Consultant in charge of preparing the Detailed design consolidates and completes the previously prepared project documentation along with the new one in order to obtain all approvals.</p> <p>The construction permit will be obtained after fulfilling the legal conditions which includes the revised Detailed design and the completion of the expropriation procedure.</p>
Land acquisition	<p>The expropriation procedure based on the available expropriation studies for 6.2 km of the alignment, was initiated in the municipality of Žepče. Out of a total of 279 land plots in 4 cadastral municipalities in Žepče, 209 land plots have been expropriated, which, expressed as a percentage, represents 54,58% of the land area covered by the expropriation study for the first part of this section.</p>

Procurement - Construction works	Procurement method: Open procedure with pre-qualification. The decision to start the procedure was made on April 6th 2022, and the preparation of the pre-qualification documentation is ongoing
Procurement - Services	Supervision Engineer Procurement method: Competitive bidding The call for expressions of interest was published on May 23rd 2022. with the deadline for application submission July 6th 2022. The evaluation of the applications is ongoing.

SUBSECTION POPRIKUŠE - NEMILA	
TECHNICAL DESCRIPTION	
The beginning of the section is in the immediate vicinity of the settlement of Poprikuše, south of the town of Žepče. The motorway route starts by bridge Golubinja 1 over river Bosna, the Interchange Poprikuša, continues with a viaduct over the main road M17 and enters the tunnel Golubinja which is approx. 3.5 km long. After exiting the tunnel Golubinja, the route again crosses the main road M17 and the river Bosna by a bridge approx. 220 m long and the railway with a viaduct approx. 110 m long. After the mentioned viaduct, the route ends and connects to the next section. The total length of the route is approx. 5.5 km.	
Financing	EIB loan no. 89.502
	EBRD loan no. 49058
	WBIF grant no. WB-IG04-BIH-TRA-02 JPAC applied for additional WBIF grant in the 7th INV Call
Project implementation unit	PIU was appointed by Decision No.:01-1002-3/19 dated March 15 th 2019; and amended by Decision No.:01-8626/20 dated September 11 th 2020.
Number and date of the environmental permit	No.: UPI 05/2-23-11-144/19 dated September 27 th 2019
Number and date of the urban permit	No.: UPI/03-23-2-325/18 dated November 29 th 2018. Amended Urban permit: No.: UPI/03-23-2-325/18 dated January 7 th 2022.
Number and date of the construction permit	No.: UPI/03-19-2-126/22 dated July 11 th 2022.
CONSTRUCTION WORKS	
Contractor	Cengiz İnşaat Sanayi ve Ticaret A.S.
Contract number	JPAC 990-B99-18 date November 16 th 2020
Contract value	EUR 177.828.416,60 excl. VAT
Construction deadline	42 months or May 2024
SUPERVISION SERVICES	
Consultant	IRD Engineering S.r.l.
Contract number	JPAC 988-E506-18 dated April 29 th 2020
Contract value	EUR 4.440.000,00 excl. VAT
Duration of contract	67 months

Addendum	Addendum no. 1 - signed on 6 th October, 2021. The original contract price increased to a total amount of EUR 4.488.000,00 excl. VAT meaning that the original price increased by an additional EUR 48.000,00 excl VAT due to hiring of a social expert to provide social consulting services while construction works on Poprikuše - Nemila section are ongoing.		
TECHNICAL ASSISTANCE PIU			
Consultant	Joint Venture: Hill International N.V. and OMEK Consulting Engineers S.A.		
Contract number	JPAC 989-E507-18 dated July 22 nd 2020		
Contract value	EUR 1.189.301,00 excl. VAT		
Duration of contract	67 months		
ACTIVITIES ON CONSTRUCTION SITE IN THE REPORTING PERIOD			
Description of construction works	<ul style="list-style-type: none">- Tunnel Golubinja: Excavation and support. Concreting of foundations.- Bosna bridge: Pier and Abutments Works, installation of safety guardrails.- Overpass Kovanići: Waterproofing works and paving- Golubinja 1 bridge: Pier and abutments works, works on span structure.- Golubinja 2 bridge: Abutments works, works on span structure- Local roads: Pavement construction works- Željeznica bridge: Construction works on piers and foundation- Main alignment: Earthworks, external drainage and works on slope protection.		
Current issues on project implementation and mitigation measures	<p>Issues:</p> <p>Tunnel excavation and primary construction:</p> <p>Current geological conditions are very demanding and the strongest support system is being used for stabilization. Measured deformation (convergence) in the tunnel is up to 20 centimeters. According to this data it can be concluded that the tunnel is at the bottom of construction scale abilities according to NATM regulations.</p> <p>Procurement of materials:</p> <p>For now, the contractor has no problems with the procurement of materials that would be caused by the war in Ukraine. Problems are created by the constant and enormous growth of prices, so that some suppliers are not able to deliver the ordered materials</p> <p>Mitigation measures:</p> <p>Works on primary construction and excavation works in the tunnel are being implemented in accordance with the predicted geological conditions and project documentation.</p> <p>Problems with the procurement of materials do not affect the dynamics of work, since the Contractor has contracts with several suppliers, and payment is mostly made in advance.</p>		
Number of engaged employees	April : 320	May: 318	June: 326

Number of engaged subcontractors	April : 21	May: 21	June: 21
PAYMENTS FOR CONSTRUCTION WORKS IN THE REPORTING PERIOD			
Interim Payment Certificates (IPC)	13. IPC in the amount of EUR 3.175.030,64 excl. VAT		
	14. IPC in the amount of EUR 3.050.053,10 excl. VAT		
	15. IPC in the amount of EUR 3.240.477,11 excl. VAT		
	16. IPC in the amount of EUR 4.527.157,90 excl. VAT		
Amount paid in Q2	EUR 13.992.718,75 excl. VAT		
Recapitulation of payments for construction works	EUR 61.169.123,38 excl. VAT		
PAYMENTS FOR SUPERVISION IN THE REPORTING PERIOD			
Interim Payment Certificates (IPC)	14. IPC in the amount of EUR 89.839,50 excl. VAT		
	15. IPC in the amount of EUR 92.203,50 excl. VAT		
	16. IPC in the amount of EUR 92.299,50 excl. VAT		
Amount paid in Q2	EUR 274.342,50 excl. VAT		
Recapitulation of payments for supervision	EUR 1.693.067,23 excl. VAT		
PAYMENTS FOR TA IN THE REPORTING PERIOD			
Interim Payment Certificates (IPC)	10. IPC in the amount of EUR 13.689,76 excl. VAT		
	11. IPC in the amount of EUR 16.552,3450 excl. VAT		
	12. IPC in the amount of EUR 18.668,16 excl. VAT		
Amount paid in Q2	EUR 48.910,26 excl. VAT		
Recapitulation of payments for TA	EUR 162.262,04 excl. VAT		

Recapitulation: EBRD loan no. 49058

No.	EBRD no. 49058	Amount excl. VAT €
1.	Cengiz İnşaat Sanayi ve Ticaret A.S.	61.169.123,38
TOTAL:		61.169.123,38

Recapitulation: WBIF Grant for TA component

No.	Grant funds	Amount excl. VAT €
1.	IRD Engineering S.R.I.	1.693.067,23
2.	Joint Venture: Hill International N.V. i OMEK Consulting Engineers S.A.	
TOTAL:		1.693.067,23

Recapitulation: own funds

No.	Own funds	Amount excl. VAT €
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1.	Joint Venture: Hill International N.V. i OMEK Consulting Engineers S.A.	162.262,04
TOTAL:		162.262,04

Note: Technical assistance costs have been paid from JPAC's own funds in order to allow the subsequent reimbursement of the costs from the WBIF grant that will be implemented through the EBRD.

SUBSECTION NEMILA – VRANDUK			
TECHNICAL DESCRIPTION			
The total length of the section is 5,6 km. The most important objects on this section are: viaduct Stara Stanica, four underpasses (with relocation of local roads) and an extended bridge at the entrance to the settlement of Nemila. Then the relocation of the main road M-17 in the length of about 3.6 km and regulation of the riverbed of Bosnia			
Financing	KFAED Loan agreement no. 1012		
Number and date of the environmental permit	No: UPI 05/2-23-11-144/19 dated September 27 th 2019		
Number and date of the urban permit	No: UPI 03-23-2-384/18 dated January 14 th 2019		
Number and date of the construction permit	No: UPI 03-19-2-172/21 dated September 14 th 2021		
CONSTRUCTION WORKS			
Contractor	HGG İnşaat Anonim Sirketi		
Contract number	JPAC 1084-B104-19 signed on February 28 th 2022		
Contract value	55.518.401,70 EUR excl. VAT		
Construction deadline	24 months		
SUPERVISION SERVICES			
Consultant	Adel Al-Obaid Engineering Consultants and Ipsa Institut d.o.o.		
Contract number	JPAC 956-E487-18 signed August 25 th 2021		
Contract value	1.282.500,00 EUR excl. VAT		
Duration of contract	50 months		
ACTIVITIES ON CONSTRUCTION SITE IN REPORTING PERIOD			
Description of construction works	In the reporting period, preparatory works were carried out at the construction site: clearing the terrain, demolition of buildings, cutting down the forest, construction of access roads, equipping the construction camp, etc. These preparatory works were followed by excavation and backfilling on the part of the relocated M-17 road, geo investigation works and installation reallocation.		
Number of engaged employees	April: 23	May: 57	June: 84
Number of engaged subcontractors	April: -	May: 1	June: 2
PAYMENTS FOR WORKS IN THE REPORTING PERIOD			
Advance payment	Advance payment in the amount of EUR 5.551.840,17 excl. VAT		

Amount paid in Q2	EUR 5.551.840,17 excl. VAT
Recapitulation of payments for construction works	EUR 5.551.840,17 excl. VAT
PAYMENTS FOR SUPERVISION SERVICES IN THE REPORTING PERIOD	
Interim payment certificates (IPC)	No payments have been made
Amount paid in Q2	No payments have been made
Recapitulation of payments for supervision	No payments have been made

Recapitulation: KFAED loan no. 1012

No.	KFAED loan no. 1012	Amount excl. VAT €
1.	HGG İnşaat Anonim Sirketi	5.551.840,17
2	Adel Al-Obaid Engineering Consultants and Ipsa Institut d.o.o.	
TOTAL:		5.551.840,17

SECTION VRANDUK - PONIRAK	
TECHNICAL DESCRIPTION	
<p>The total length of the section according to the project is 5.3 km. The Vranduk 1 and Vranduk 2 bridges are significant facilities which are performed by cantilever construction and the Vranduk tunnel and three smaller viaducts are distinguished from the objects on the alignment. The specificity of the alignment is the layout and height separation of the left and right pavement of the motorway due to the fact that the motorway extends through steep slopes. The large part of the motorway is located in cutting and for that reason a significant number of high retaining walls have been designed which will be constructed using the technology of reinforced earth.</p>	
Financing	OFID loan no. 12665P
	OFID loan no. 12665PB
Project implementation unit	PIU was appointed by Decision No.: 01-1002-2/19 dated March 15 th 2019
Number and date of the environmental permit	No: UPI 05/2-23-11-4/14 SS issued: February 18 th ,2014 Renewed Environmental Permit No: UPI 05/2-23-11-144/19 issued: 27 th September 2019
Number and date of the construction permit	No: UPI/03-23-2-356/18 dated 9 th April 2019
CONSTRUCTION WORKS	
Contractor	Consortium AZVIRT L.L.C. and HERING d.d.
Contract number	JPAC 848-882-17 signed on May 15 th 2019
Contract value	EUR 65.463.930,79 excl. VAT
Construction deadline	24 months or August 2021 + 426 days by Variation Order 18. The addendum for extension of time for completion was signed with the Contractor, and the new date for finishing the contract is September 2022.
SUPERVISION SERVICES	
Consultant	Consortium DRI Upravljanje investicijama Ltd. – DIVEL Ltd
Contract number	JPAC 849-E440-17 signed on May 8 th 2019
Contract value	EUR 2.081.900,00 excl. VAT
Duration of contract	24 months + 24 months during Defects Notification Period JPAC management board made a decision on the adoption of Addendum No.1 dated April 21 st 2022 which defines a duration of Supervision contract by 66 months increasing the value of the contract from EUR 2,081,900.00 excl.VAT to EUR 3,006,849.71 excl VAT.
PROJECT MANAGEMENT SERVICES	

Consultant	Institut za građevinarstvo IG d.o.o. Banja Luka & Saraj inženjering d.o.o. Sarajevo
Contract number	JPAC 1219-E637-20 signed on June 30 th 2020
Contract value	857.000,00 BAM excl. VAT
Duration of contract	24 months or June 2022
ACTIVITIES ON CONSTRUCTION SITE IN REPORTING PERIOD	

<p>Description of construction works</p>	<p>Alignment: Works at Sector 4 (920 meters length) are progressing by the new Design. In the last three months, the most active works are on external and internal drainage, excavation of the pipe trenches, and preparation works for the central sewage system. Also, final works on cut slope protection are in progress, gabion walls, embankment progress and geogrid installation.</p> <p>The works at Sector 5 (138 meters) are in progress by new Main Design. The main part of works are excavation works, drilling, blasting and cut slope protection (shotcrete, reinforcement meshes, anchors and MacMat grids) The fourth cut slope step is preparing now for excavation.</p> <p>Sector 2 – The procedure about possession of the land is finished and the next step is to mark the private woods and to bring the contractor into possession. Main Design is prepared.</p> <p>The other parts of the alignment (Sector 1, 6 and 7) (2800 meters) are being designed and the final solutions are expected to be delivered in the second part of this year.</p> <p>Landfills:</p> <p>Boški Potok: Removal of material to landfills, construction of an access road, construction of a pipe culvert, backfilling, planning and rolling of materials in layers.</p> <p>Malinjak landfill is closed and the employer is expecting a new design for Malinjak 2 landfill. This landfill will solve problems with extra excavation material on alignment.</p> <p>The following landfills are also active: L3 and L9. The rest of L landfills are in progress of closing.</p> <p>The main design for new landfill Malinjak 2 is prepared and submitted to the employer. The Employer started a procedure for possession rights and conversion of land.</p> <p>Tunnel Vranduk: The construction of the secondary subgrade was in progress in the last three month. The last segment (12 meters) will be finished during this month. The Contractor was working at the gallery for the entrance and exit portal.</p> <p>Bridge Vranduk 1: Works on bridge construction have been done.</p> <p>Prolonged execution of asphalt works and drainage on buildings due to delays on the route by Contractors request and Employers consent.</p> <p>Bridge Vranduk 2: Works on bridge construction have been done.</p> <p>Viaduct Crni potok: Works on bridge construction have been done.</p> <p>Viaduct Koprivna 1: Works on bridge construction have been done.</p>
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Works at Koprivna 2 bridge have not started yet due to the unsolved issue of construction of Sectors 6 and 7, where the subject matter bridge is located.

Notes:

Preparation of the New Main designs for sectors 1,6,7 is in progress. (approx. 3 km)

For Sectors 2 and 5 the Main Design solutions were submitted and the construction started.

An addendum for Construction is signed and we are expecting to sign an addendum for consulting services in the matter of time.

The Contractor stated that there are no problems with supplying materials due to the war situation in Ukraine, but inflation in our country and all over the world determines the value of materials.

Number of engaged employees	April: 233 May: 240 June: 242
Number of engaged subcontractors	April: 5 May: 5 June: 4
PAYMENTS FOR WORKS IN THE REPORTING PERIOD	
Interim payment certificates (IPC)	28. IPC in the amount of EUR 1.244.487,10 excl. VAT
	29. IPC in the amount of EUR 1.009.145,74 excl. VAT
	30. IPC in the amount of EUR 1.695.501,21 excl. VAT
Amount paid in Q2	EUR 3.949.134,05 excl. VAT
Recapitulation of payments for construction works	EUR 54.604.274,03 excl. VAT
PAYMENTS FOR SUPERVISION IN THE REPORTING PERIOD	
Interim payment certificates (IPC)	28. IPC in the amount of EUR 89.596,79 excl. VAT
	29. IPC in the amount of EUR 88.987,82 excl. VAT
	31. IPC in the amount of EUR 85.065,45 excl. VAT
Amount paid in Q2	EUR 263.650,06 excl. VAT
Recapitulation of payments for supervision	EUR 2.126.462,86 excl. VAT
PAYMENTS FOR PROJECT MANAGEMENT IN THE REPORTING PERIOD	
Interim payment certificates (IPC)	16. IPC in the amount of EUR 9.128,69 excl. VAT
Amount paid in Q2	EUR 9.128,69 excl. VAT
Recapitulation of payments for supervision	EUR 112.282,86 excl. VAT

Recapitulation: OFID Fund - Component A

No.	OFID A no. 12665P	Amount excl. VAT EUR
1.	Consortium Azvirt L.L.C. and Hering d.d.	21.025.865,48
2.	Consortium DRI Upravljanje investicij d.o.o. and DIVEL d.o.o.	2.041.397,41
TOTAL:		23.067.262,89

Recapitulation: OFID Fund - Component B

No.	OFID B no. 12663PB	Amount excl. VAT
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		EUR
1.	Consortium Azvirt L.L.C. and Hering d.d.	24.300.000,00
2.	Consortium: DRI Upravljanje investicij d.o.o. and DIVEL d.o.o.	
TOTAL:		24.300.000,00

Recapitulation: own funds

No.	Own funds	Amount excl. VAT EUR
1.	Consortium Azvirt L.L.C. and Hering d.d.	9.278.408,55
2.	Consortium: DRI Upravljanje investicij d.o.o. and DIVEL d.o.o.	85.065,45
3.	Institut za građevinarstvo IG d.o.o. Banja Luka i Saraj inženjering d.o.o. Sarajevo	112.282,86
TOTAL:		9.475.756,86

Note: The cost of construction works for the section Vranduk - Ponirak are paid from JPAC's own funds and will be refunded from the OFID loan after its effectiveness.

SUBSECTION PONIRAK - VRACA	
TECHNICAL DESCRIPTION	
The total length of the section is 3.5 km and the main facility on this section is the Zenica Tunnel, which makes up over 90% of the motorway alignment and consists of two tubes (right tube 3.513 m long and left tube 3.461 m long). The planned excavation method is NATM (New Austrian Tunneling Method) which is very suitable considering the expected changes in geological and geotechnical conditions.	
Financing	EIB loan no. 86.971
	WBIF grant no. WB-IG01-BIH-TRA-01a
Project Implementation unit	PIU has been appointed by Decision No.: 01-1002-1/19 dated March 15 th 2019 and amended by Decision No: 01-1002-7/19 on October 18 th 2021
Number and date of the environmental permit	No.: UPI 05/2-23-11-144/19 dated September 27 th 2019
Number and date of the construction permit	No.: UPI/03-23-2-385/18 dated February 18 th 2019 Amended construction permit was issued by Federal Ministry of urban planning on June 11 th 2021
CONSTRUCTION WORKS	
Contractor	Euro - Asfalt d.o.o. Sarajevo
Contract number	JPAC 851- B83-17 signed on August 1 st 2019
Contract value	EUR 59.408.825,38 excl. VAT
Construction deadline	30 months or April 2022
Addendums	JPAC Management adopted the decision for Addendum no.1 and Addendum no.2 for construction works. Once signed Addendum no1. will enter into force a Tripartite agreement that was signed on February 20 th 2020, regarding the new Detailed design for Tunnel Zenica, that was designed by "Yuksek Proje" Ankara. On behalf of the new detailed design, an amendment to the Construction permit was issued. Signing of the Addendum no.1 is expected after the consent from the Bank.
	Addendum no.2 for construction works extends construction works completion deadline for additional 387 days and new construction works completion date is August 5 th 2023. Signing of the Addendum no.2 is expected after the consent from the Bank.
SUPERVISION SERVICES	
Consultant	Consortium: PROYAPI Engineering and Consulting INC
Contract number	JPAC 850-E441-17 signed on September 10 th 2019
Contract value	EUR 1.918.400,00 excl. VAT
Duration of contract	54 months
Addendum	Addendum no. 1 - signed on 13 th September, 2021. The original contract price increased to a total amount of EUR 2.011.940,00 excl. VAT meaning that the original price increased by an additional EUR 93.540,00 due to the increase in the scope of work regarding the tunnel lengthening and the change/reorganization of staff members and the engagement of quality experts.
TECHNICAL ASSISTANCE PIU	
Consultant	Roughton International Ltd

Contract number	JPAC 936-E477-18 signed on March 22 nd 2019		
Contract value	EUR 574.000,00 excl. VAT		
Duration of contract	57 months		
Addendums	Addendum no. 1 – signed on 13th September, 2021. The original contract price increased to a total amount of EUR 588.860 excl. VAT, meaning that the original price increased by an additional EUR 14.860,00 due to preparation of cumulative impact analysis for the section Nemila - Donja Gracanica.		
ACTIVITIES ON CONSTRUCTION SITE IN THE REPORTING PERIOD			
Description of construction works	<p>In reporting period from April 1st - June 30th 2022, the Contractor, after receiving the payment from the Employer, continued the same activities as in the previous period:</p> <ul style="list-style-type: none">- work on corrections of the primary substructure,- installation of final shotcrete on the corrected sections,- foundations,- installation of waterproofing,- execution of lateral drainage and secondary lining only in the right tunnel tube.		
Current issues on project implementation and mitigation measures	<p>Issues:</p> <ol style="list-style-type: none">1. The delay is due to the main issue through this Project - rock mass category which differs from the original Detailed design. The rock mass category caused a delay in excavation and support of the tunnel due to the quantity increase of category especially in IV and V of mass rock compared to quantities in the original design (the quantities have gone up by 15 times). Thus, time extension of work is expected, but still has to be confirmed and defined by the Addendum to the work contract2. Increased water inflows recorded in geological reports (at several locations in both tunnel pipes, the water inflows reached an amount around 10 liters per second).3. Time extension is necessary to compensate for the slower progress due to real tunnel conditions (stated under issues 1 and 2), tunnel tubes extension, as well as the lack of the Contractor's resources. The price increase in the global and local market on a daily basis causes higher amounts of price escalation including the contract which will additionally increase the exceeding of the contract budget. Price escalation can be just assessed because of the unpredictable market's situation. <p>Mitigation measures:</p> <p>The Contractor must mobilize more resources and improve the organization of the construction site in order to complete the scope of work as soon as possible.</p> <p>The Employer and the Engineer shall limit the period of Time for Completion extension and additional amount only for justified extension of time, i.e. for compensation of reasons under 1 and 2 and amendment of the tunnel design in terms of extension of tunnel tubes.</p>		
Number of employees	April: 20	May: 25	June: 30
Number of subcontractors	April: /	May: /	June: /

PAYMENTS FOR CONSTRUCTION WORKS IN THE REPORTING PERIOD	
Interim Payment Certificates (IPC)	28. IPC in the amount of EUR 697.873,20 excl. VAT
	29. IPC in the amount of EUR 731.250,83 excl. VAT
	30. IPC in the amount of EUR 583.416,97 excl. VAT
	31. IPC in the amount of EUR 634.285,16 excl. VAT
	32. IPC in the amount of EUR 861.750,97 excl. VAT
Amount paid in Q2	EUR 3.508.577,13 excl. VAT
Recapitulation of payments for construction works	EUR 38.919.885,95 excl. VAT
PAYMENTS FOR SUPERVISION IN THE REPORTING PERIOD	
Interim Payment Certificates (IPC)	28. IPC in the amount of EUR 59.940,00 excl. VAT
	29. IPC in the amount of EUR 73.882,95 excl. VAT
	30. IPC in the amount of EUR 55.300,00 excl. VAT
Amount paid in Q2	EUR 189.122,95 excl. VAT
Recapitulation of payments for supervision	EUR 1.806.837,45 excl. VAT
PAYMENTS FOR TA IN THE REPORTING PERIOD	
Interim Payment Certificates (IPC)	33. IPC in the amount of EUR 10.070,18 excl. VAT
	34. IPC in the amount of EUR 10.070,18 excl. VAT
	35. IPC in the amount of EUR 10.070,18 excl. VAT
Amount paid in Q2	EUR 30.210,54 excl. VAT
Recapitulation of payments for TA	EUR 387.210,54 excl. VAT

Recapitulation: EIB loan no. 86.971

No.	EIB no. 86.971	Amount excl. VAT €
1.	Euro - Asfalt d.o.o.	31.875.338,81
TOTAL:		31.875.338,81

Recapitulation: WBIF grant for INV Component

No.	Grant funds	Amount excl. VAT €
1.	Euro - Asfalt d.o.o.	2.079.453,10
TOTAL:		2.079.453,10

Recapitulation: own funds for works

No.	Own funds	Amount excl. VAT €
1.	Euro - Asfalt d.o.o.	4.965.094,04
TOTAL:		4.965.094,04

Note: In the reporting period, the construction work costs for the section Ponirak-Vraca were paid by JPAC's funds in order to enable the subsequent cost reimbursement from the WBIF grant that will be implemented through the EIB.

Recapitulation: own funds for services

No.	Own funds	Amount excl. VAT €
1.	PROYAPI Engineering and Consulting INC	1.806.837,45
2.	Roughton International Ltd	387.456,66
TOTAL:		2.194.294,1

Note: Supervision services and technical assistance costs have been paid from JPAC's own funds in order to enable the subsequent cost reimbursement from the WBIF grant that will be implemented through the EIB.

SUBSECTION TUNNEL ZENICA – DONJA GRAČANICA	
TECHNICAL DESCRIPTION	
The total length of the section after the alignment change is 2,7 km. On this section, it is planned to construct the following facilities: 1 tunnel (Hum) and 3 viaducts (Viaduct on interchange, Jelovik and Donja Gračanica) loop Zenica North and toll station facility. This section also provides the construction of a connecting road which will be the connection of the city of Zenica and Corridor Vc.	
Financing	EBRD loan no. 47372
	WBIF grant no. WB-IG01-BIH-TRA-01b
Number and date of the environmental permit	No.: UPI 05/2-23-11-144/19 dated September 27 th 2019
Number and date of the construction permit	No.: UPI/03-19-2-139/20 dated October 6 th 2020
	No.: UPI/03-23-2-268/19 dated December 9 th 2019
	No.: UPI/03-23-2-269/19 dated January 24 th 2020
	No.: UPI/03-19-2-54/21 dated May 24 th 2021
Use permit	No.: UPI/03-19-2-319/20 dated May 04 th 2021
	No.: UPI/03-19-2-321/20 dated July 14 th 2021
	No.: UPI/03-19-2-322/20 dated July 14 th 2021
	No.: 03-19-8733/20 dated January 24 th 2021
CONSTRUCTION WORKS	
Contractor	Cengiz inşaat Sanayi Ve Ticaret A.S
Contract number	JPAC 742-B73-16 signed on November 8 th , 2018
Contract value	EUR 57.572.708,76 excl. VAT
Construction deadline	900 days or May 2021

Addendums	Addendum no. 1 was signed on February 18 th 2019 in order to comply with the new Law on financial operations. These changes do not have an impact on the current contracted value.		
	Addendum no. 2 was signed on June 17 th 2020 to change the alignment and does not affect the current contracted value.		
	Addendum no. 3 signed on March 30 th 2022 due to additional works, excluded works, claims and due to changes in the price adjustment. Add. no 3. changed contracted value.		
SUPERVISION SERVICES			
Consultant	Consortium: Technital S.p.A (leader) and TZI Inžinjeri d.o.o.		
Contract number	JPAC 744-E379-16 signed on July 31 st 2018		
Contract value	EUR 2.424.860,00 excl. VAT		
Duration of contract	54 months		
Addendums	Addendum no.1 - signed on February 4 th 2019 and refers to the change of commercial bank and does not affect the contract value of supervision services.		
	Addendum no. 2 - signed on March 17 th 2021 referring to the engagement of a Social Expert (as requested by the EBRD) and increasing the contract value of supervision services for EUR 17.550 excl. VAT.		
TECHNICAL ASSISTANCE PIU			
Consultant	IPSA Institut d.o.o. Sarajevo		
Contract number	JPAC 1057-E549-19 signed on February 22 nd 2019		
Contract value	BAM 594.225,45		
Duration of contract	54 months		
ACTIVITIES ON CONSTRUCTION SITE IN THE REPORTING PERIOD			
Description of construction works	As the contract is in the phase of period for removal of deficiencies (DNP), there were no significant works, except those related to the removal of minor deficiencies.		
Number of employees	April: 10	May: 10	June: /
Number of subcontractors	April: /	May: /	June: /
PAYMENTS FOR CONSTRUCTION WORKS IN THE REPORTING PERIOD			
Interim Payment Certificates (IPC)	31. IPC in the amount of EUR 1.226.357,97 excl. VAT		
Amount paid in Q2	EUR 1.226.357,97 excl. VAT		
Recapitulation of payments for construction works	EUR 58.005.710,12 excl. VAT		
PAYMENTS FOR SUPERVISION IN THE REPORTING PERIOD			

Interim Payment Certificates (IPC)	No payments have been made
Amount paid in Q2	No payments have been made
Recapitulation of payments for supervision	EUR 2.422.449,15 excl. VAT
PAYMENTS FOR TA IN THE REPORTING PERIOD	
Interim Payment Certificates (IPC)	No payments have been made
Amount paid Q2	No payments have been made
Recapitulation of payments for TA	EUR 450.747,94 excl. VAT

Recapitulation: EBRD loan no. 47372

No.	EBRD loan no. 47372	Amount excl. VAT €
1.	Cengiz İnşaat Sanayi Ve Ticaret A.S.	50.651.189,42
2.	Technital S.p.A (lider) and TZI Inžinjering d.o.o.	1.101.614,70
TOTAL:		51.752.804,12

Recapitulation: WBIF Grant for INV component

No.	Own funds	Amount excl. VAT €
1.	Cengiz İnşaat Sanayi Ve Ticaret A.S.	7.354.520,70
TOTAL:		7.354.520,70

Recapitulation: WBIF Grant for TA component

No.	Own funds	Amount excl. VAT €
1.	Technital S.p.A (lider) and TZI Inžinjering d.o.o.	1.320.834,45
TOTAL:		1.320.834,45

Recapitulation: own funds

No.	Own funds	Amount excl. VAT BAM
1.	IPSA Institut d.o.o. Sarajevo	450.747,94
TOTAL:		450.747,94

SUBSECTION KLOPČE - DONJA GRAČANICA	
TECHNICAL DESCRIPTION	
<p>The total length of the section is approximately 5.8 km with several significant facilities: the first part of these contains two viaducts (Klopče, Klopačke Stijene) and one tunnel (artificial tunnel Klopče). On the second part of subsection there is practically non open alignment. It consists of three viaducts (Babina Rijeka with annex, Pehare, Ričice) and two mountain tunnels (Ričice, Pečuj). In the part of this subsection the road on the right bank of the river Bosna with a roundabout, the junction on the M17, the bridge Drivuša and the alignment on the left bank of the river Bosna with a roundabout, the junction on R445.</p>	
Financing	OFID loan no. 1588P and 1589BP
	EBRD loan no. 48999
	Own funds
Date and number of the environmental permit	No. UPI05/2-23-11-4/14 SS dated February 18 th , 2014 The EP was renewed on September 27 th 2019, no. UPI 05/2-23-11-144/19
Date and number of the construction permit	No. UPI/03-23-2-129/15 ID dated July 2 nd 2015 Construction permit was amended several times due to the consequences of landslides. Amendments to the construction permit dated January 15 th 2019; September 13 th 2019; May 12 th 2020; May 30 th 2020
Date and number of the use permit	No. UPI/03-19-2-318/20 dated April 12 th 2021
CONSTRUCTION WORKS	
Contractor	JV Euro - Asfalt d.o.o. Sarajevo leading partner and Strabag A.G.
Contract number	JPAC 608-B63-14 signed on May 9 th 2016 (during the implementation of the Contract 5 addendums were signed)
Contract value	EUR 107.879.287,94 including VAT. Addendum no. 3 defines the estimated increase of the Contract amount to EUR 126.846.081,53 excl. VAT. This amount does not include the estimated value of the correction due to changes in costs (price escalation, GCC section 13.8).
Construction deadline	900 days for section 1, 600 days for section 2 (Viadukt Pehare). These deadlines were extended by Addendums and the current contract deadline is November 2020 as defined by Addendum no. 4.
SUPERVISION SERVICES	
Consultant	Consortium Egis International and IPSA Institut d.o.o. Sarajevo
Contract number	JPAC 609-E314-14 signed on May 7 th , 2016 (during the implementation of the Contract 5 addendums were signed)
Contract value	EUR 5.473.143,00 incl. VAT. By Addendum no. 4 the contract value has been estimated at EUR 7.256.005,00 excl. VAT

Duration of contract	78 months
STATUS OF THE SECTION	
The Zenica Bypass which encompasses sections Drivuša – Klopče, Klopče – Donja Gračanica and the southern part of the section Tunnel Zenica – Donja Gračanica was put into operation on July 15 th 2021 after all use permits were obtained.	
RECAPITULATION OF PAYMENTS FOR CONSTRUCTION WORKS	
Recapitulation of payments for construction works	EUR 142.870.395,33 excl. VAT
RECAPITULATION OF PAYMENTS FOR SUPERVISION	
Recapitulation of payments for supervision	EUR 7.513.585,55 excl. VAT

Recapitulation: OFID A Fund no. 1588P

No.	OFID loan no. 1588P	Amount excl. VAT €
1.	JV: Strabag AG and Euro - Asfalt d.o.o.	39.467.850,86
2.	Consortium: Egis and IPSA Institut d.o.o.	2.572.010,10
TOTAL:		42.039.860,96

Recapitulation: OFID B Fund no. 1589BP

No.	OFID loan no. 1589BP	Amount excl. VAT €
1.	JV: Strabag AG and Euro - Asfalt d.o.o.	19.172.707,44
2.	Consortium: Egis and IPSA Institut d.o.o.	4.827.292,56
TOTAL:		24.000.000,00

Recapitulation: EBRD loan no. 48999

No.	EBRD loan no. 48999	Amount excl. VAT €
1.	JV: Strabag AG and Euro - Asfalt d.o.o.	64.922.012,62
2.	Consortium: Egis and IPSA Institut d.o.o.	
TOTAL:		64.922.012,62

Recapitulation: own funds

No.	Own funds	Amount excl. VAT €
1.	JV: Strabag AG and Euro - Asfalt d.o.o.	11.868.893,56
2.	Consortium: Egis and IPSA Institut d.o.o.	114.282,89
TOTAL:		11.983.176,45

Note: Part of the project costs have been paid from JPAC's own funds, because the loan funds have already been withdrawn.

SUBSECTION DRIVUŠA – KLOPČE	
TECHNICAL DESCRIPTION	
The length of this section is 2.23 km. Significant objects on the alignment are the 650-meter-long bridge Drivuša over the Bosna River and the Viaduct Perin Han approx. 400 meters.	
Financing	KFAED loan no. 794
Date and number of the environmental permit	No.: UPI05/2-23-11-4/14SS dated February 18 th 2014 The environmental permit was renewed by the decision UPI 05/2-23-11-144/19 dated September 27 th 2019
Date and number of the construction permit	No.: UPI/03-23-2-265/13 dated November 14 th 2013 Amendments to the construction permit dated: May 30 th , 2016; 27 th February 2017; 22 nd September 2017; 20 th November 2019
Date and number of the use permit	No.: UPI/03-19-2-161/20 dated 14 th December 2020
CONSTRUCTION WORKS	
Contractor	Hering d.d. Široki Brijeg
Contract number	JPAC 373-A66-12 dated 25 th September 2014 (during the implementation of the Contract 3 addendums were concluded)
Contract value	EUR 28.656.281 EUR excl. VAT, this contract value was increased by Addendum no. 3 to EUR 30.966.891 excl. VAT. JPAC Management board adopted the decision for Addendum no.4. According to the Addendum no.4 new estimated contract value is EUR 30.999.467,17 excl. VAT.
Construction deadline	900 days or January 2020
SUPERVISION SERVICES	
Consultant	Consortium Divel d.o.o. and TAEP
Contract number	JPAC 375-E71-12 dated September 23 rd 2014 (during the implementation of the Contract 4 addendums were concluded)
Contract value	EUR 2.169.500 excl. VAT which was increased to the value of EUR 3.117.924,05 excl. VAT by Addendum no. 4.
Duration of contract	54 months which was prolonged to 75 months and 15 days by Addendum no. 3.
STATUS OF THE SECTION	
The Zenica Bypass which encompasses sections Drivuša – Klopče, Klopče – Donja Gračanica and the southern part of the section Tunnel Zenica – Donja Gračanica was put into operation on July 15 th 2021 after all use permits were obtained.	

NO PAYMENTS DURING THE REPORTING PERIOD	
Recapitulation of payments for construction works	EUR 30.965.089,00 excl. VAT
NO PAYMENTS DURING THE REPORTING PERIOD	
Recapitulation of payments for supervision	EUR 3.112.814,16 excl. VAT

Recapitulation: KFAED loan no. 794

No.	KFAED loan no. 794	Amount excl. VAT €
1.	Hering d.d.	27.022.061,69
2.	JV Divel d.o.o. - TEAP	2.996.814,35
TOTAL:		30.018.876,04

Recapitulation: own funds

No.	Own funds	Amount excl. VAT €
1.	Hering d.d.	3.943.027,31
2.	JV Divel d.o.o. - TEAP	115.999,81
TOTAL:		4.059.027,12

Note: Interim payment certificates were paid from JPAC's own funds, because the KFAED loan funds were withdrawn.

5.3. LOT 3: TARČIN – MOSTAR SJEVER



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

SUBSECTION TARČIN – ENTRANCE TO TUNNEL IVAN LOT 1	
TECHNICAL DESCRIPTION	
The Tarčin – Entrance to Tunnel Ivan subsection with a length of 5,1 kilometers is located in Sarajevo Canton between Mostar and Sarajevo. Two long viaducts stand out on this motorway subsection, Raštelica 1 viaduct, and Raštelica 2 viaduct with a total length of 1.150 meters.	
Financing	EIB loan no. 89.502 WBIF grant WB-IG02-BIH-TRA-06
Project implementation unit	PIU has been appointed by Decision No.: 01-3324/20 dated April 23, 2020
Number and date of the environmental permit	No.: UP-I-05/2-23-11-177/17 dated December 13 th 2017
Number and date of the construction permit	No.: UPI/03-23-2-331/19 dated December 24 th 2019 Amended construction permit No.: UPI/03-23-2-331/19 dated July 5 th 2021
CONSTRUCTION WORKS	
Contractor	Consortium Euro - Asfalt d.o.o. Sarajevo and Granit AD Skopje
Contract number	JPAC 1132-B109-19 signed on August 24 th 2020
Contract value	EUR 66.584.028,92 excl. VAT
Construction deadline	20 months or March 2022 (new deadline is mid. August 2022)
Addendums	JPAC Management board adopted the decision on acceptance of Addendum no.1. for Construction works. The Addendum delays construction works completion date for additional 105 days, and new construction completion date is August 15 th 2022. According to the Addendum, the new estimated value is 75.393.525,31 excl. VAT. Signing of the Addendum is expected after the consent from the Bank.
SUPERVISION SERVICES	
Consultant	INSTITUT IGH d.d., Janka Rakuše 1, 10 000 Zagreb
Contract number	JPAC 1113-E582-19 signed on August 11 th 2020
Contract value	EUR 2.098.260,00 excl. VAT
Duration of contract	46 months including defect notification period
Addendums	JPAC Management board adopted the decision on acceptance of Addendum no.1. for Supervision services. The Addendum increases the contracted amount for additional EUR 373.692,10 excl. VAT. According to the Addendum the new contracted amount for supervision services is EUR 2.471.952,10 excl VAT. Signing of the Addendum is expected after the consent from the Bank.
TECHNICAL ASSISTANCE PIU	
Consultant	Technital S.p.A Italy (contract also covers TA for PIU services for Tunnel Kvanj – Buna section)
Contract number	JPAC 1079-E566-19 signed on April 12 th 2021
Contract value	EUR 699.380 excl. VAT
Duration of contract	60 months

ACTIVITIES ON CONSTRUCTION SITE IN THE REPORTING PERIOD			
Description of construction works	During the reporting period, the following works were performed:		
	<ul style="list-style-type: none">- Alignment: Excavation, subsoil replacement and embankment construction- Construction of drains, installation of subbase, cement stabilization and asphalt- Installation of safety guardrails- Installation of noise protection- Arrangement of the “Raštelica” landfill- Raštelica 1 bridge: works on construction of segments of both span structures (left and right), concreting of columns.- Raštelica 2 bridge: Works were carried out on the construction of the undercarriage and on the construction of the span structure, installation of scaffolding and formwork, installation of reinforcement and cables for prestressing, concreting of segments- Production of RC safety fence.		
Current issues on project implementation and mitigation measures	Issues:		
	<p>During the execution of works, differences were found in relation to the geological conditions foreseen by the project on the slopes of the 3rd , 6th and 7th Sectors. In the 7th sector, a new solution was designed, which requires additional time and costs for the execution of works. The estimated additional time is 120 days</p> <p>The most significant challenge in the implementation of this project is the enormous increase in material prices. The contractor suffers significant damage, which is not covered by contractual tools or escalation scale.</p> <p>Measures taken:</p> <p>Additional measures are being considered to solve the problem of rising prices on the market and the implications for the realization of this project.</p>		
Number of employees	April: 218	May: 218	June: 218
Number of subcontractors	April: 2	May: 2	June: 2
PAYMENTS FOR CONSTRUCTION WORKS IN THE REPORTING PERIOD			
Interim Payment Certificates (IPC)	19. IPC in the amount of EUR 2.950.350,57 excl. VAT		
	20. IPC in the amount of EUR 3.480.852,58 excl. VAT		
	21. IPC in the amount of EUR 4.387.848,54 excl. VAT		
Amount paid in Q2	EUR 10.819.051,69 excl. VAT		
Recapitulation of payments for construction works	EUR 58.740.154,22 excl. VAT		
PAYMENTS FOR SUPERVISION IN THE REPORTING PERIOD			
Interim Payment Certificates (IPC)	17. IPC in the amount of EUR 96.131,00 excl. VAT		
Amount paid in Q2	EUR 96.131,00 excl. VAT		
Recapitulation of payments for supervision	EUR 1.651.527,50 excl. VAT		

PAYMENTS FOR THE TA IN THE REPORTING PERIOD	
Interim Payment Certificates (IPC)	7. IPC in the amount of EUR 13.370,00 excl. VAT
	9. IPC in the amount of EUR 9.880,00 excl. VAT
Amount paid in Q2	EUR 23.250,00 excl. VAT
Recapitulation of payments for TA	EUR 125.045,00 excl. VAT

Recapitulation: EIB loan no. 89.502

No.	EIB loan no. 89.502	Amount excl. VAT €
1.	Euro - Asfalt d.o.o. and Granit AD Skopje	58.740.154,22
TOTAL:		58.740.154,22

Recapitulation: own funds

No.	Own funds	Amount excl. VAT €
1.	Institut IGH d.d.	1.651.527,50
2.	Technital S.p.A. Italy	125.045,00
TOTAL:		1.776.572,50

Note: Supervision services as well as technical assistance costs were pre - financed by JPAC's own funds in order to enable the reimbursement from EU grant implemented through the EIB.

SUBSECTION TUNNEL IVAN LOT 2	
TECHNICAL DESCRIPTION	
<p>Tunnel Ivan is designed to be performed according to the NATM (NEW AUSTRIAN TUNNEL METHOD). The adopted shape and position of the portal are such that they fit into the natural terrain and do not endanger the natural environment, which gives the motorway higher quality. The length of the right tunnel tube including the portal structure is 1.721,50 meters, while the left tunnel tube is 1.761,50 meters. This subsection also includes the construction of a connection to the trunk road in Bradina. It provides a temporary connection between the M17 trunk road and the motorway on Corridor Vc.</p>	
Financing	EBRD loan no. 49058
	WBIF grant WB-IG02-BIH-TRA-06
Project implementation unit	PIU was appointed by Decision No.: 01-1002/19 dated March 15 th 2019, and amended by Decision No.: 01-8625/20 dated September 11 th 2020.
Number and date of the environmental permit	No.: UP-I 05/2-23-11-177/17 dated December 13 th , 2017
Number and date of the construction permit	No.: UPI/03-23-2-331/19 dated December 24 th 2019 Amended construction permit No.: UPI/03-23-2-331/19 dated July 5 th 2021
CONSTRUCTION WORKS	
Contractor	Euro - Asfalt d.o.o. Sarajevo
Contract number	JPAC 985-B98-18 signed on October 28 th , 2019
Contract value	EUR 57.628.570,34 excl. VAT
Construction deadline	30 months or May 2022
SUPERVISION SERVICES	
Consultant	IRD Engineering S.r.l.
Contract number	JPAC 986-E504-18 signed on October 11 th 2019
Contract value	EUR 1.848.750,00 excl. VAT
Duration of contract	57 months
Addendums	Addendum No. 1 was signed on November 24 2020 according to the EBRD request, in order to change the description of services and increase the amount for EUR 37.200,00 excl. VAT.
ACTIVITIES ON CONSTRUCTION SITE IN THE REPORTING PERIOD	
Description of construction works	<p>During the Q2 2022, the following construction works were performed:</p> <ul style="list-style-type: none"> • Concrete works on the tunnel foundations are completed • Waterproofing works, completed • Final Lining, completed • Drainage works completed 95% on June 30th 2022. • Pavement structure (subgrade, sub - base, base course, binder course and surface course) started in May 2022 and completed 40% on June 30th 2022. • Electro - mechanical works started installation in March 2022 are completed 20% on June 30th 2022.

	<ul style="list-style-type: none"> The works for the construction of the embankment in the main alignment of the road and the connection with section M17 are completed Arrangement of the portals is in progress, 80% is completed on June 30th 2022. Construction works on Bradina toll station started on June 17th 2022, and are 15% completed until June 30th 2022.
Current issues on project implementation and mitigation measures:	<p>Issues:</p> <ul style="list-style-type: none"> The deadline for completion of all works was May 25th 2022. Up to June 30th 2022, approximately 79% of the works were completed, and approximately 21% is remaining <p>Mitigation measures:</p> <ul style="list-style-type: none"> The new addendum of the contract is under preparation. August 15th 2022 is the new completion date for construction works.
Number of employees	April: 170 May: 140 June:140
Number of subcontractors	April: 7 May: 5 June:5
PAYMENTS FOR CONSTRUCTION WORKS IN THE REPORTING PERIOD	
Interim Payment Certificates (IPC)	25. IPC in the amount of EUR 2.099.706,63 excl. VAT
	26. IPC in the amount of EUR 2.047.406,43 excl. VAT
	27. IPC in the amount of EUR 2.003.618,16 excl. VAT
Amount paid in Q2	EUR 6.150.731,22 excl. VAT
Recapitulation of payments for construction works	EUR 43.100.266,92 excl. VAT
PAYMENTS FOR SUPERVISION IN THE REPORTING PERIOD	
Interim Payment Certificates (IPC)	24. IPC in the amount of EUR 60.671,00 excl. VAT
	25. IPC in the amount of EUR 63.732,50 excl. VAT
	26. IPC in the amount of EUR 62.994,00 excl. VAT
Amount paid in Q2	EUR 187.397,50 excl. VAT
Recapitulation of payments for supervision	EUR 1.605.091,46 excl. VAT

Recapitulation: EBRD loan no. 49058

No.	EBRD loan no. 49058	Amount excl. VAT €
1.	Euro - Asfalt d.o.o.	43.100.266,92
TOTAL:		43.100.266,92

Recapitulation: WBIF Grant for TA component

No.	Own funds	Amount excl. VAT €
1.	IRD Engineering S.r.l.	1.605.091,46
TOTAL:		1.605.091,46

SUBSECTION IVAN - OVČARI
TECHNICAL DESCRIPTION

The section starts right behind Tunnel Ivan. Most of the route encompasses bridges and tunnels (12 bridges with a total length of 3.6 km and 6 tunnels with a total length of 3.6 km) and passes through the settlements: Vrbjani, Badanj, Gajevo Bradina and Zukići and ends with a temporary connection to the trunk road M17 in Ovčari.

Financing

Source of financing is not defined yet. This section is included in the Public Investment Program of the Federation for the period of 2021 – 2023 which is a precondition for initiating the IFI loan procedure. The EIB has submitted a Letter of intent for financing this section.

Project documentation

WBIF grant funds have been provided for the preparation of the Detailed design. ToR for the Detailed design was adjusted between IFICO-a, EUD, and IFI. IPF 9 is in charge of the implementation of the Grant which means preparation of following project documentation: Feasibility study, Environmental impact assessment study, Preliminary design, Detailed design and revision of the Detailed design.

Component 1 - includes a Gap Analysis, Environmental Impact Study and a package of environmental and social documents in accordance with EBRD standards. Preparation of documentation is ongoing. The funds provided for the Detailed design were mostly spent on the Preliminary design which was reported to the Bank. Finding modalities for obtaining additional financing funds in order to complete the planned activities on the Detailed design - Component 2 are in progress.

The preparation of study and project documentation is ongoing and the planned completion of preparing the documentation on the Detailed design level is expected in Q4 2023.

Consents and permits

Earlier the urban consent was obtained for the part of the alignment that was not changed.

Land acquisition

The expropriation procedure will be initiated after the declaration of public interest by the Government of the Federation of B&H.

Procurement

The procurement process will be initiated in accordance with the Lead IFI's rules once the conditions for initiating the procedure have been met.

SUBSECTION OVČARI – (ENTRANCE TO TUNNEL) PRENJ	
TECHNICAL DESCRIPTION	
<p>The section starts with the bridge M1 over the interchange in Ovčari, on the slopes on the right side of the trunk road M17 and continues with the bridge that crosses the main road and the river Trešanica. 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 km long tunnel on the east side of Konjic as well as the bridge over the Neretva.</p>	
Financing	<p>EIB and EBRD, initiative in procedure</p> <p>In July 2021, JPAC submitted a loan request for financing sections from Ovčari to Mostar South.</p> <p>EU grant application will be submitted upon the project maturity</p>
Project documentation	<p>Preliminary design is completed. For the sections Ovčari - Entrance to the tunnel Prenj and Exit from the tunnel Prenj - Mostar North, WBIF grant funds were provided for the preparation of detailed design and study documentation. These two WBIF grants are implemented together in two components.</p> <ul style="list-style-type: none"> - Component 1: includes Gap Analysis, Environmental Impact Study and a package of environmental and social documents in accordance with EBRD standards. The preparation of studies commenced in June 2020. The preparation of documentation and hydrogeological research are in progress. The planned deadline for the study is Q3 2022. On the section Ovčari - Entrance to the tunnel Prenj, the survey of the terrain is completed as well as the new geodetic bases are completed. Demining of the terrain in the part that was contaminated with mines and explosives was completed. Geo-exploration works nearby entrance to tunnel Prenj are ongoing. - Component 2 includes the detailed design and tender documentation. The implementation commenced in Q1 2021. The deadline for drafting the project documentation for Component 2 is in Q2 2023. <p>IPF 8 is in charge of implementation.</p>
Consents and permits	<p>The validity of the previous water consent was extended. The consents of BH GAS, JP Željeznice BiH and the necessary electrical consents have been obtained. The Consultant prepared the Request for Preliminary Environmental Impact Assessment and submitted it to JP Autoceste in February 2022. JP submitted the request to the competent Ministry.</p> <p>The Federal Ministry of Environment and Tourism issued the Decision on the content and scope of the Environmental Impact Study in April 2022. Environmental Impact Study for the section Ovčari - Mostar North is currently in preparation with the completion deadline Q3 2022.</p> <p>The urban consent will be obtained after the correction of the Preliminary design and obtaining a decision on the approval of the Environmental Impact Study.</p>
Land acquisition	<p>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 section of the Konjic - Tunel Prenj highway on the Vc Corridor.</p>
Procurement	<p>The procurement procedure will be initiated in accordance with the Lead IFI's rules once the conditions for initiating the procedure have been met.</p>

SECTION TUNNEL PRENJ	
TECHNICAL DESCRIPTION	
<p>The key characteristic of the Prenj tunnel is its length of 10.15 km, according to which it belongs to the longest 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 includes access to the northern and southern portals of the Tunnel.</p>	
Financing	<p>EIB and EBRD, initiative in procedure</p> <p>In July 2021, JPAC submitted a loan request for financing sections from Ovčari to Mostar South.</p> <p>EU Grant, applied in the Seventh WBIF Call</p>
Project documentation	<p>Preliminary design was completed in 2016. The procurement of preparation services of the Preliminary design with elements of the Detailed Design was announced. The Detailed design will be prepared by the contractor since it is planned that the project will be implemented 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 exploration works for Tunnel Prenj, WINNER PROJECT d.o.o. Sarajevo, 2016 - Preliminary geotechnical design for Tunnel Prenj <p>In cooperation with external consultants, the Program of additional research works has been prepared. Implementation for one part of the Program related to hydrogeological research and trial IG mapping and research from the Program of additional research works is in progress. In cooperation with CTP Zagreb, a project task was prepared for the preparation of Quantitative Risk Analysis and accompanying studies (Ventilation Study, Risk Assessment Study on Dangerous Goods Transport, Fire Risk Assessment Study). Financing and drafting of the Risk Analysis and studies will be implemented by the European Union Technical Assistance Program – Connecta. The preparation of the Risk analysis and studies was completed in Q2 2021 and the preparation of additional reports and documentation is in progress.</p>
Consents and permits	<p>The validity of the previous water consent was extended. The consents of BH GAS, JP Željeznice BiH and the necessary electrical consents have been obtained. The Consultant prepared the Request for Preliminary Environmental Impact Assessment and submitted it to JP Autoceste in February 2022. JPAC submitted the request to the competent Ministry.</p> <p>The Federal Ministry of Environment and Tourism issued the Decision on the content and scope of the Environmental Impact Study in April 2022. Environmental Impact Study for the section Ovčari - Mostar North is currently in preparation with the completion deadline Q3 2022.</p> <p>The urban consent will be obtained after the correction of the Preliminary design and obtaining a decision on the approval of the Environmental Impact Study.</p>
Land acquisition	<p>In July 2020, the Government of the Federation of B&H declared public interest in the construction of the section Tunnel Prenj on Corridor Vc.</p>

Procurement for works Procurement	Construction works for Tunnel Prenj Procurement method: Open procedure with pre-qualification. Bank's no objection to the publication of pre-qualification documentation obtained on July 14, 2022. The pre-qualification for the Prenj Tunnel was published on July 14, 2022. The deadline for submission is September 5, 2022.
	Works for the construction of access roads Procurement method: Open Procedure. The Decision to initiate the procedure for works in the approval phase, the documentation for the publication and initiation of the procedure is also in the preparation phase.
Procurement – Design services	Preparation of Preliminary design with elements of the Detailed design Procurement method: Open Procedure. Call for expressions of interest published on 24.12.2021. After the evaluation of the applications, the bank approved the evaluation report on April 1, 2022. Invitation to submit an offer published on May 12, 2022. with a delivery deadline of June 24, 2022. Evaluation report sent to the Bank for approval on July 13, 2022.
	Preparation of Preliminary and Detailed design for preparatory works Procurement method: Competitive procedure. After evaluating the applications, the evaluation report was submitted to the Bank for approval on 4 th April 2022. The contract was signed on May 13, 2022 with the JV: Design & QC Ltd. Sarajevo & Ipsa Institute d.o.o. with the contract amount EUR 578,402.00 excl. VAT.
Procurement of Services	Supervision services for the construction of access roads Procurement method: Competitive Procedure. The decision to initiate the procedure for supervision is in the approval phase. Tender documentation is being drafted.
	Technical assistance services for procurement procedure, supervision and monitoring of environmental and social issues Procurement method: Competitive procedure. The JPAC management board made the Decision on initiating the procedure in January 2022. Invitation for expression of interest sent to the Bank for approval on July 15, 2022.
	Safety measures and fire protection measure services - Tunnel Prenj Procurement method: Direct procedure. The contract was signed with the company CTP - projekt, Zagreb on December 23 rd , 2021 by JP Autoceste in the amount of EUR 71.600,00 excl. VAT.

SECTION EXIT FROM TUNNEL PRENJ – MOSTAR NORTH

TECHNICAL DESCRIPTION

The section with a length of approx. 13 kilometers, passes through the Herzegovina - Neretva Canton. Tunnel 800 m long, three viaducts between 300 and 400 meters long and a tunnel 2.2 km long at the end of the route stand out from the facilities on the motorway alignment. This section (as well as the section Ovčari - Prenj) is functionally connected and traffic conditioned by the construction of the Prenj Tunnel.

Financing	<p>EIB and EBRD, initiative in procedure</p> <p>In July 2021, JPAC submitted a loan request for financing sections from Ovčari to Mostar South.</p> <p>EU grant application will be submitted upon the project maturity</p>
Project documentation	<p>Preliminary design is completed. For the sections Ovčari - entrance to the tunnel Prenj and Exit from the tunnel Prenj - Mostar North, WBIF grant funds have been provided for the preparation of project and study documentation. These two WBIF grants are implemented together in two components.</p> <p>Component 1 includes Gap Analysis, Environmental Impact Study and a package of environmental and social documents in line with EBRD standards. The commencement of the study was in June 2020. The preparation of documentation is in progress. In this section geodetic and geo-investigative works are completed and the preparation of Rokfol analysis by the consultants is ongoing. Rokfol analysis will explain safety aspects of the alignment in the Klenova Draga area. The demining in area Šljeme is completed and the Confirmation of completion of demining from BHMAC is expected which will enable the completion of geological works in that area.</p> <p>Component 2 includes the Detailed design and tender documentation and preparation works of this part of the documentation began in the first quarter of 2021.</p> <p>IPF 8 is in charge of implementation.</p>
Consents and permits	<p>The validity of the previous water consent was extended. The consents of BH GAS, JP Željeznice BiH and the necessary electrical consents have been obtained. The Consultant prepared the Request for Preliminary Environmental Impact Assessment and submitted it to JP Autoceste in February 2022. JP submitted the request to the competent Ministry.</p> <p>The Federal Ministry of Environment and Tourism issued the Decision on the content and scope of the Environmental Impact Study in April 2022. Environmental Impact Study for the section Ovčari - Mostar North is currently in preparation with the completion deadline Q3 2022.</p> <p>The urban consent will be obtained after the correction of the Preliminary design and obtaining a decision on the approval of the Environmental Impact Study.</p>
Land acquisition	<p>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 Prenj - Mostar North motorway section on the Vc Corridor.</p>
Procurement	<p>The procurement procedure will be initiated in accordance with the IFI's rules once the conditions for initiating the procedure have been met.</p>

5.4. LOT 4: MOSTAR – BIJAČA



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

SECTION MOSTAR NORTH - MOSTAR SOUTH	
TECHNICAL DESCRIPTION	
<p>The length of the section is approx.15 km. According to the preliminary design the section includes the interchange Mostar North with a side toll collection, 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 alignment is about 4 km.</p>	
Financing	<p>EBRD and commercial banks, initiative in procedure</p> <p>In July 2021, JPAC submitted a loan request for financing sections from Ovčari to Mostar South.</p> <p>EU Grant applied for Grant in the Seventh WBIF Call</p>
Project documentation	<p>Preliminary and Detailed designs were completed earlier, but the alignment of the motorway was changed by the Spatial Plan of special features of importance for the Federation - motorway on Corridor Vc. Investigative works were conducted for this section and a preliminary geotechnical mission G1 was prepared for the alignment adopted by the Spatial Plan.</p> <p>Tenders for Preliminary design and Detailed design are ongoing as described below.</p>
Consents and permits	<p>The preparation of the Environmental Impact Study and other documents according to the EBRD's environmental and social policy is financed by EBRD grant. The consultant is Enova Sarajevo.</p> <p>The national procedure of environmental impact assessment was completed. In MAY 2022, the Federal Ministry of Environment and Tourism issued the Decision on acceptance of the Environmental Impact Study.</p> <p>The urban consent will be obtained upon obtaining the environmental permit.</p>
Land acquisition	<p>In July 2020, the Government of the Federation of Bosnia and Herzegovina adopted the Decision on the declaration of public interest for the construction of the section of the Mostar North - Mostar South highway on Corridor Vc.</p>
Procurement for - Construction works	<p>Procurement method: Open procedure.</p> <p>The decision to initiate the procedure adopted on July 16, 2021 was amended on November 17, 2021. The Bank's consent to the pre-qualification documentation was obtained on June 8, 2022.</p>
Procurement for - Supervision services	<p>Procurement method: Competitive Procedure.</p> <p>The Decision to start the procurement was made on December 14, 2021. Call for expressions of interest was published on May 13, 2022, with the deadline for submitting applications until June 27, 2022. The evaluation of received applications is ongoing.</p>
Procurement - Preliminary and detailed design	<p>Procurement method: Competitive procedure.</p> <p>The first procurement procedure was annulled on December 23rd 2021.</p> <p>The new EOI was published on December 24th 2021. The Bank gave its approval to the Evaluation report of first stage on 1st April 2022. The invitation to submit bids was published in May 2022 with a delivery deadline June 27th, 2022. Evaluation report submitted to the Bank for approval and approval received on July 14, 2022.</p>

<p>Procurement - Detailed design audit</p>	<p>Procurement method: Competitive procedure. The first procurement procedure was cancelled. The new EOI was published on 27th December 2021. The bank gave its approval to the Evaluation report of first stage on 1st April 2022. The invitation to submit bids was published on April 27, 2022 with a delivery deadline June 8, 2022. The Bank's consent to the technical evaluation report was obtained on June 27, 2022. Financial offers were opened on July 12, 2022. Evaluation of bids in progress.</p>
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SUBSECTION MOSTAR SOUTH - TUNNEL KVANJ	
TECHNICAL DESCRIPTION	
The total length of the section is 8.6 km and the significant facilities on this section are two viaducts and two tunnels.	
<p>Financing</p>	<p>EBRD, Contract number 49058 (Tranche B) EU Grant, applied in the Sixth WBIF Call</p>
<p>Project documentation</p>	<p>Preliminary design completed. The procurement procedure for the Detailed design was annulled due to the fact that the Government of the Federation changed the implementation method of this Project from FIDIC - Red Book to FIDIC - Yellow Book, meaning that the selected contractor is in charge to prepare the Detailed design based on the Preliminary design of the Employer.</p>
<p>Consents and permits</p>	<p>Preliminary consents for urban consent were obtained. In July 2020, an updated Environmental Impact Study, Waste Management Plan, Biodiversity Assessment and other documents defined by the EBRD's Environmental and Social Policy were completed and publicly disclosed. A public hearing as a precondition for obtaining the environmental permit was held on 14th September 2020 in Mostar. On February 17th 2021, the Federal Ministry of Environment and Tourism issued the Environmental permit. On 18th November 2021, the Environmental permit was declared effective. The request to obtain the Urban permit was submitted to the competent ministry and it is in progress.</p>
<p>Land acquisition</p>	<p>The City of Mostar is responsible for the expropriation procedure. The expropriation procedure was initiated on 29th January 2019. 317 plots out of total 383 plots were expropriated and 207 cases out of a total of 238 cases were completed. A total of 82,71% of the land area covered by the expropriation study has been expropriated including 12 cases following the decision of the Federal government of early entry in possession.</p>
<p>Procurement - Contractor for construction works</p>	<p>Procurement method: Open procedure without prequalification. The tender was announced on 23rd December 2020. The submission deadline for bids was postponed to 22nd March 2021. The bank approved the evaluation report for the first stage of the procedure in July 2022. The invitation for the second stage of the procedure is being prepared.</p>

Procurement - Supervision consulting services	Procurement method: Competitive procedure. The request for proposals was published on October 21 st 2020. The Bank approved the Evaluation report for the first stage on 28 th February 2022. The invitation for the second phase of tender was published on May 20 th 2022. Evaluation of technical bids is in progress.
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SUBSECTION TUNNEL KVANJ – BUNA

TECHNICAL DESCRIPTION

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

Financing	EIB loan 87.195 EU grants: in the Fifth WBIF Call a grant in the amount of 20% of the investment was approved and additional 20% was approved in the Sixth WBIF Call
Project documentation	Preliminary design was earlier completed. Tender for Detailed Preliminary design in accordance with national procurement law was announced and opening of proposals took place on 28 July 2022. Procedure is ongoing. The Detailed design will be prepared by the contractor since the Project is implemented according to the FIDIC - Yellow Book.
Consents and permits	The environmental permit was obtained in May 2019. In December 2019, the Federal Ministry of Physical Planning issued an urban permit. The construction permit will be obtained after the Detailed design is completed by the Contractor.
Land acquisition	The municipalities of Čapljina and Stolac and the City of Mostar are in charge of the expropriation procedure. The percentage of expropriation in the municipality of Čapljina is 100%. The percentage of expropriation in the city of Mostar is 100% of the total area (including two decisions of the Federal government on early entry in possession). In the municipality of Stolac, 100% of the area covered by the Expropriation elaborate has been expropriated and including 1 case of the Decision of the Federal government for early entry in possession. The completion of expropriation on this subsection is 100%.
Procurement - Contractor for construction works	Procurement method: Open procedure. In March 2022, the JPAC Management Board passed a Decision on canceling the procurement procedure that was initiated in 2019. Preparation of Prequalification documentation for the new procedure is completed and Banks no objection is expected.
Procurement - Supervision consulting services	Procurement method: Competitive procedure. The Contract was signed on 14 th October 2020 with the company Proyapi with the contract amount EUR 4.485.169,23 excl. VAT.
Procurement - Technical assistance to the PIU	Procurement method: Competitive Procedure. The Contract was signed on 12 th April 2021 with the company Technital S.p.A. - Italy. The contract amount is 699.380,00 excl. VAT.

SECTION BUNA - POČITELJ	
TECHNICAL DESCRIPTION	
The length of this section is 7.18 km with facilities as follows: 2 overpasses (Grabovina and Kevčić) and 2 passages for animals and 1 underpass (Bivolje brdo) and 1 retaining wall. During the construction of this section the 5 high-voltage power lines were relocated.	
Financing	EBRD loan no. 47372
	EU grant no. WB-IG03-BIH-TRA-06
Number and date of the environmental permit	No. UPI 05/2-23-11-72/16 SN, dated October 12 th 2016
Number and date of the construction permit	No. PI/03-23-2-181/18 dated July 25 th 2018
CONSTRUCTION WORKS	
Contractor	Hering d.d. Široki Brijeg
Contract number	JPAC 743-B74-16 signed on May 18 th , 2018
Contract value	EUR 21.959.302,16 excl. VAT
Construction deadline	540 + 126 + 515 days or October 2021 (by Add. no 3)
Addendums	Addendum no. 1 was signed on October 19 th , 2018 in order to comply with the new Law on financial operations. These changes do not have an effect on the contracted value.
	Addendum no. 2 was signed on May 29 th 2020 with the time extension for 126 days
	Addendum no. 3 was signed on November 10 th 2021 that defined completion date October 27 th 2021.
SUPERVISION SERVICES	
Consultant	Consortium: Aecom Inocsa S.L.U. and Aecom d.o.o.
Contract number	JPAC 745-E380-16 signed on May 8 th 2018
Contract value	EUR 2.191.669 excl. VAT according to the Add. no.2
Duration of contract	63 months according to the Add. no. 3
Addendums	Addendum no. 1 has been signed 22.09.2020 with extension of time at 51 months in total and contract value of EUR 1.841.710 excl. VAT
	Addendum no. 2 has been signed 23.12.2021 with extension of time at 63 months in total and contract value of EUR 2.191.669 excl. VAT
ACTIVITIES ON CONSTRUCTION SITE IN THE REPORTING PERIOD	
Description of construction works	On October 27 th 2021 the Taking-over certificate was issued. In the reporting period some minor defects were eliminated.
Number of employees	April: 3 May: 5 June: 4
Number of subcontractors	April: - May: 1 June: -

PAYMENTS FOR WORKS IN THE REPORTING PERIOD	
Interim payment certificate (IPC)	38. IPC in the amount of EUR 430.479,93 excl. VAT
	39. IPC in the amount of EUR 75.718,56 excl. VAT
Amount paid in Q2	EUR 506.198,49 excl. VAT
Recapitulation of payments for construction works	EUR 20.730.342,70 excl. VAT
PAYMENTS FOR SUPERVISION IN THE REPORTING PERIOD	
Interim payment certificate (IPC)	No payments have been made
Amount paid in Q2	No payments have been made
Recapitulation of payments for supervision	EUR 2.110.547,48 excl. VAT

Recapitulation: EBRD loan no. 47372

No.	EBRD loan no. 47372	Amount excl. VAT €
1.	Hering d.d.	17.529.890,73
2.	Consortium: Aecom Inocsa S.L.U. and Aecom d.o.o.	1.000.534,00
TOTAL:		18.530.424,73

Recapitulation: WBIF Grant for TA component

No.	Grant funds	Amount excl. VAT €
1.	Consortium: Aecom Inocsa S.L.U. and Aecom d.o.o.	1.110.013,48
TOTAL:		1.110.013,48

Recapitulation: WBIF Grant for INV component

No.	WBIF grant	Amount excl. VAT €
1.	Hering d.d.	3.200.451,97
TOTAL:		3.200.451,97

SECTION POČITELJ – ZVIROVIĆI LOT 1 AND LOT 2

TECHNICAL DESCRIPTION

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

LOT 1 is a motorway route with a length of over 10 kilometres where there are significant objects: Loop Počitelj with toll site and access roads, three viaducts, tunnels and open lines.

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

Financing	EIB loan no. 83975
	EU grant no. WB19-BiH-TRA-01
Number and date of the environmental permit	UPI 05/2-23-11-3/14 SS from April 2 nd 2014 and updated environmental permit UPI 05/2-23-11-21/19 SN from April 11 th 2019
Number and date of the construction permit	UPI/03-23-2-271/15 ID from November 12 th 2015 and updated Construction permit UPI/03-23-2-271/15 ID from December 23 rd 2015

CONSTRUCTION WORKS LOT 1

Contractor	China State Construction Engineering Corporation Ltd;
Contract number	JPAC 975-B96-18 signed 20th June 2019;
Contract value	EUR 56.522.840,50 excl. VAT
Construction deadline	730 days or September 2021. Data on addendums for extension of time are below.
Addendum	Addendum no.1 signed in November 2021 and related for extension of time for completion date on Section 1. Time for Completion is changed from 365 days to 730 days.
	Addendum no.2. signed 9 th May 2022, which extends the deadline for completion of works by a total 395 days and the new deadline for completion of works is 26 th October 2022.

CONSTRUCTION WORKS LOT 2

Contractor	JV AzVirt L.L.C (Azerbejdžan), Sinohydro Corporation Ltd. (Kina) i PowerChina RoadBridge Group Co. Ltd. (Kina);
Contract number	JPAC 975-B96-18 signed June 20th, 2019
Contract value	EUR 28.114.889,53 excl. VAT
Construction deadline	900 days or 14 March 2022
Addendum	Addendum no.1 under preparation, all in accordance with the Interim Engineer's Evaluation, related to extension of time for completion of works of 170 days and interim total substantiated additional costs of EUR 541,864.73 (exc VAT). The expected Completion date is 5 th September 2022.

SUPERVISION SERVICES

Consultant	IRD Engineering S.r.l. Rim, Italy
Contract number	JPAC 840-E438-17 signed 11th June 2019
Contract value	EUR 3.790.000,00 excl. VAT
Contract deadline	57 months
Addendums	Addendum no. 1 signed on 26 th October 2020 due to changes in position and staff of the engineering team.
	Addendum no.2 for extension of time and costs is under preparation.

TECHNICAL ASSISTANCE FOR PIU

Consultant	JV: IPSA d.o.o and VCE
Contract number	JPAC 839-E437-17 signed June 18 th , 2018
Contract value	EUR 299.855,00 excl. VAT

Addendums	<p>Addendum no. 1 signed on 27th November 2018 due to changes related to the introduction of BAM as the currency of payment</p> <p>Addendum no. 2 has been approved by the creditor and is expected to be signed.</p>
ACTIVITIES ON CONSTRUCTION SITE	
Description of construction works LOT 1	<p>LOT1: Main Alignment; Excavations in Cuts and side cuts; Subgrade layer; works on Subbase, cement stabilised base and asphalt works on ongoing -Section 1 and Section 2; protection with wire mesh; Wire fence; Central drainage collector section 1 and 2; Water Protection system, construction of gutters, curbs and external drainage ditches on section 1, foundations for portals, TC and MV installations, relocation of existing water pipe lines,</p> <p>Relocation of Regional road R425a;</p> <p>Connection roads from the Motorway to Main Road M17 and M6;</p> <p>Construction of foundation for Noise protection barriers,</p> <p>Tunnel Počitelj - asphalt works (II layer), works on installation hydrant network, construction a water tank for hydrant network,</p> <p>Works on Structures: Bridge M2 works on foundation of piers, Piers and abutments, Bridge M3- Installation of cement concrete bored piles, works on excavation for foundation, foundation of piers and piers. excavation for Culverts, ,</p> <p>IRI Počitelj: Concrete Works on Tunnel Počitelj (Cut & Cover), Concrete works on Počitelj Underpass IRI, Excavations and Embankment IRI Počitelj; Making the side walls of the portal. Execution of deep drainage.</p>
Description of construction works LOT 2	<p>Foundations of piers S1, S2,S3,S4,S5 and S6 are finished.</p> <p>Piers S1,S2,S3,S4, S5 finished.</p> <p>Pier S6, segments 14 to 9 finished.</p> <p>Pier S2, preparation for mounting of the form travellers for the super structure towards the piers S1 and S3.</p> <p>The superstructure between piers S3 and S4 finished.</p> <p>Pier S5 base segment (bottom slab, walls, upper slab) finished.</p> <p>The form travellers for span structure forward to the piers S4 and S6 under preparation for mounting.</p>
Current issues on project implementation and mitigation measures LOT1	<p>Issues:</p> <ul style="list-style-type: none"> - Low level of staff resources and poor progress rate of the Contractor - Unforeseen geological conditions - High risk of the railway infrastructure damage - The main designs of drainage and alignment on the section from the Počitelj bridge to the Počitelj tunnel are not aligned with the actual geodetic and geological conditions on the ground. <p>Mitigation measures</p> <ul style="list-style-type: none"> - Letter to the Contractor Head Office to intensify work. The contractor has changed a high level of staff on site. Consideration to impose additional Sub-Contractors pursuant SC 8.6 of the PCC - Additional geo-technical investigation works have been performed, and are currently carried out. The designer is included in the redesign of the foundations and slopes. - Established procedure of communication as well as Agreement between all the Railway Authority, the Contractor and the Employer. Design and construction of the barriers was performed. - The new main designs of drainage and alignment on the section Počitelj

	Bridge - Počitelj Tunnel are to be drafted.
Current issues on project implementation and mitigation measures LOT2	<p>Issues:</p> <p>Serious delays on superstructure works. Lack of resources – understaffing.</p> <p>Main contractor is still not engaged on construction of superstructure</p> <p>Mitigation measures:</p> <p>Because of serious delays in the execution of the superstructure, the Engineer issued Notice to Correct on 20 th January 2022. In this NtC the Contractor is also again reminded that Contract doesn't allow subcontracting of the superstructure. Several meetings were held between management of JPAC and the Contractor. In his letter issued 18 th March 2022, the Contractor committed to engage two extra pairs of form travellers for the construction of superstructure. On May 9 th the Contractor submitted new Programme of works in which he planned two extra pairs of form travellers.</p>
Number of employees LOT 1	April: 304 May: 298 June: 315
Number of subcontractors LOT 1	April: 9 May: 9 June: 9
Number of employees LOT 2	April: 105 May: 104 June: 93
Number of subcontractors LOT 2	April: 3 May: 3 June: 3
PAYMENTS FOR WORKS IN THE REPORTING PERIOD	
Interim payment certificate (IPC) LOT1	27. IPC in the amount of EUR 1.034.417,33 excl. VAT
	28. IPC in the amount of EUR 803.792,74 excl. VAT
	29. IPC in the amount of EUR 896.265,05 excl. VAT
Amount paid in Q2 - LOT 1	EUR 2.734.475,12 excl. VAT
Interim payment certificate (IPC) LOT 2	25. IPC in the amount of EUR 552.387,62 excl. VAT
	26. IPC in the amount of EUR 961.615,90 excl. VAT
	27. IPC in the amount of EUR 1.069.339,63 excl. VAT
Amount paid in Q2 - LOT 2	EUR 2.583.343,15 excl. VAT
Recapitulation of payments for construction works	EUR 51.408.250,99 excl. VAT
PAYMENTS FOR SUPERVISION IN THE REPORTING PERIOD	
Interim payment certificates (IPC)	30. IPC in the amount of EUR 121.575,60 excl. VAT
	31. IPC in the amount of EUR 166.808,69 excl. VAT
	32. IPC in the amount of EUR 40.913,87 excl. VAT
Amount paid in Q2	EUR 329.298,16 excl. VAT

Recapitulation of payments for supervision	EUR 3.789.999,90 excl. VAT
PAYMENTS FOR TA IN THE REPORTING PERIOD	
Interim Payment Certificate (IPC)	15. IPC in the amount of EUR 17.900,00 excl. VAT
Amount paid in Q2	EUR 17.900,00 excl. VAT
Recapitulation of payments for TA	EUR 284.023,61 excl. VAT

Recapitulation: EIB loan no. 83.975

No.	EIB loan no. 83.975	Amount excl. VAT €
1.	China State Construction Engineering Corporation Ltd	34.996.743,13
2.	JV: AzVIRT I.I.C (Azerbejdžan), Sinohydro Corporation Ltd. (Kina) and Power China Road Bridge Group Co.Ltd. (Kina)	16.411.507,86
3.	JV: IPSA d.o.o and VCE	284.023,61
TOTAL:		51.692.274,60

Recapitulation: own funds

No.	Own funds	Amount excl. VAT €
1.	IRD ENGINEERING S.R.I.	3.789.999,90
TOTAL:		3.789.999,90

Note: In the reporting period, supervision costs have been paid from JPAC's own funds in order to enable subsequent reimbursement of super costs from the WBIF grant which will be implemented by the EIB.

6. ENVIRONMENTAL IMPACT

Law on Environmental Protection (published in the Official Gazette FBiH n. 15/21) defines the conditions and procedures for issuance of Environmental Permit in the Federation. The Federal Ministry of Environment and Tourism is in charge of issuance of environmental permits for motorway sections on Corridor Vc. Data about all acquired environmental permits for motorway sections in preparation and under construction are contained in chapters 5 of this Report.

Environmental permit prescribes general and special mitigation measures to avoid negative impacts on the environment during the construction phase and during the exploitation phase. Special mitigation measures are prescribed to avoid negative impacts on: population, microclimate, water, air, soil, flora, fauna, landscape, protected areas, cultural and historical heritage and infrastructure. Special measures are prescribed also for protection from noise and vibrations.

The implementation of measures prescribed by the environmental permit during construction is carried out by the Contractor and monitored and supervised by a supervision consultant, while during operation the implementation is performed by JP Autoceste with the support of specific service providers such as wastewater monitoring, noise monitoring, etc.

According to the provisions of the environmental permit, JP Autoceste is obliged to submit a report to the Federal Ministry of Environment and Tourism no later than June 30th of the current year for the previous year, which it regularly does.

Also, following the Environmental permit, JP Autoceste is preparing annual reports for the Federal ministry of Environment and Tourism about the state of the environment.

Besides the obligations defined by federal laws, JP Autoceste (together with contractors and supervision consultants) is obliged to implement and follow the environmental and social standards of European banks which implies: preparation of plans (environmental and social plan, biodiversity management plan, resettlement action plan, stakeholder engagement plan etc.) and reporting on implementation of plans for every section financed by EIB or EBRD.

Also, the Annual Environmental and Social Report for all sections on Corridor Vc is submitted once a year to the EBRD, whilst the EIB is being informed semi - annually through specific reports following each finance contract.

APPENDIX 1

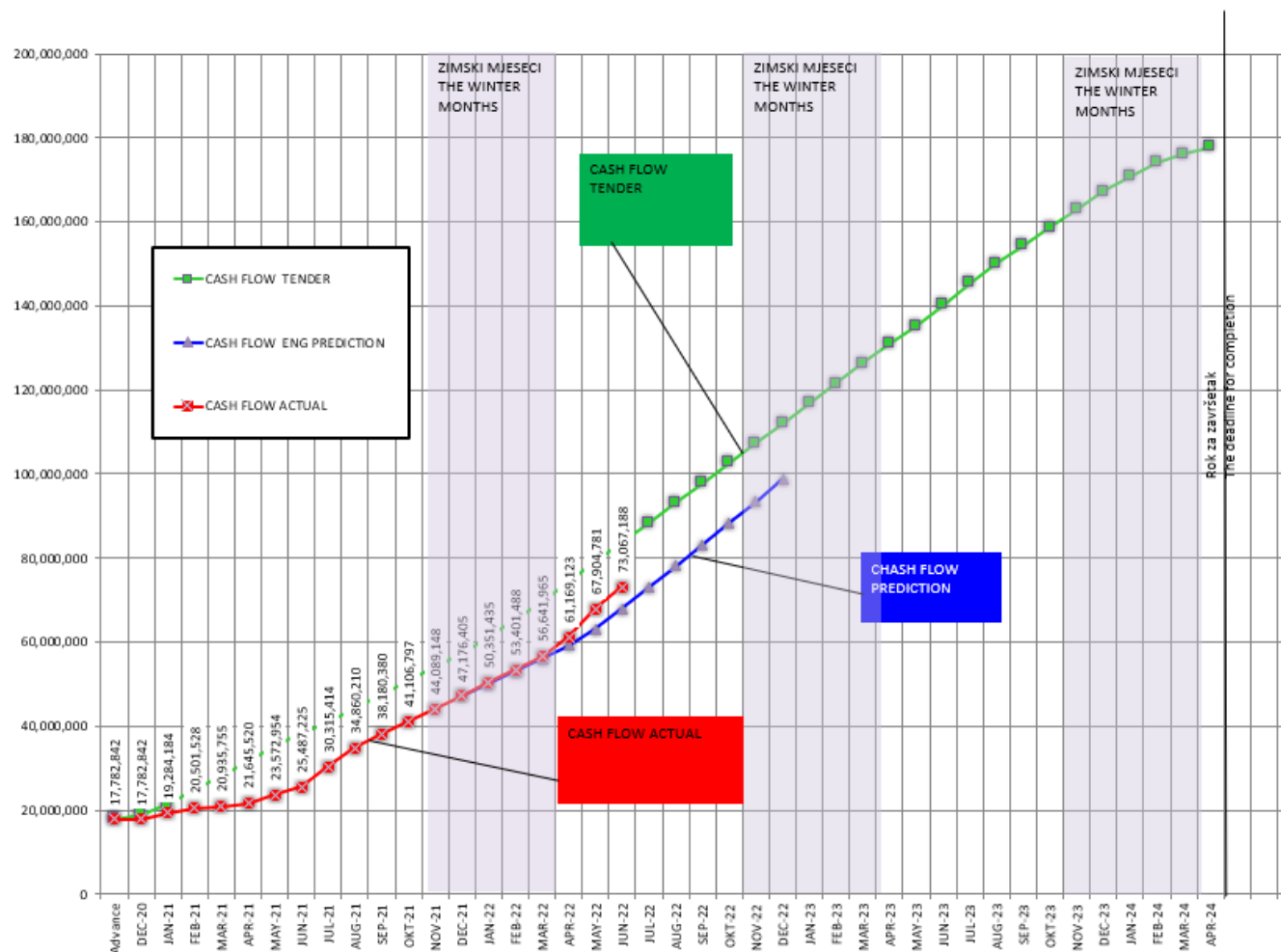
Construction progress and cash flow for construction projects

Subsection Poprikuše – Nemila

No.	Work description	Duration (days)	Start	Deadline	Completion %	Status of construction works
1.	Mobilization	441	01.12.2020	15.02.2022	100%	
2.	Preparation of Main Design and approvals	441	01.12.2020	15.02.2022	98%	
3.	Temporary & Preliminary Works	120	09.12.2020	08.04.2021	100%	
4.	Main alignment with interchange & link road to M17 with tool station (TS) and Traffic control center (TCC)	700	05.06.2020	06.05.2022	38%	Construction works are currently ongoing.
5.	Golubinja Tunnel	880	07.12.2021	05.05.2024	20%	Construction works are currently ongoing.
6.	Bridge Golubinja 1 with Ramp of Interchange (Golubinja3)	810	07.12.2021	25.02.2024	45%	Construction works are currently ongoing.
7.	Bridge Golubinja 2	705	20.02.2022	26.01.2024	90%	Construction of the Bridge is completed
8.	Bridge Bosna 1	620	07.12.2021	19.08.2023	92%	Construction of the Bridge is completed
9.	Bridge Bosna 2 (Kovanići)	630	26.05.2022	15.02.2024	100%	
10.	Local road to Kovanići, access roads to objects of fire protection and other access roads if any	470	23.09.2022	06.01.2024	60%	Construction works are currently ongoing.
11.	Bridge over River Željeznica	310	02.12.2022	30.07.2023	30%	
12.	Construction and relocation of utilities	819	15.02.2022	14.05.2024		

Table 1. Progress of construction works on subsection Poprikuše - Nemila

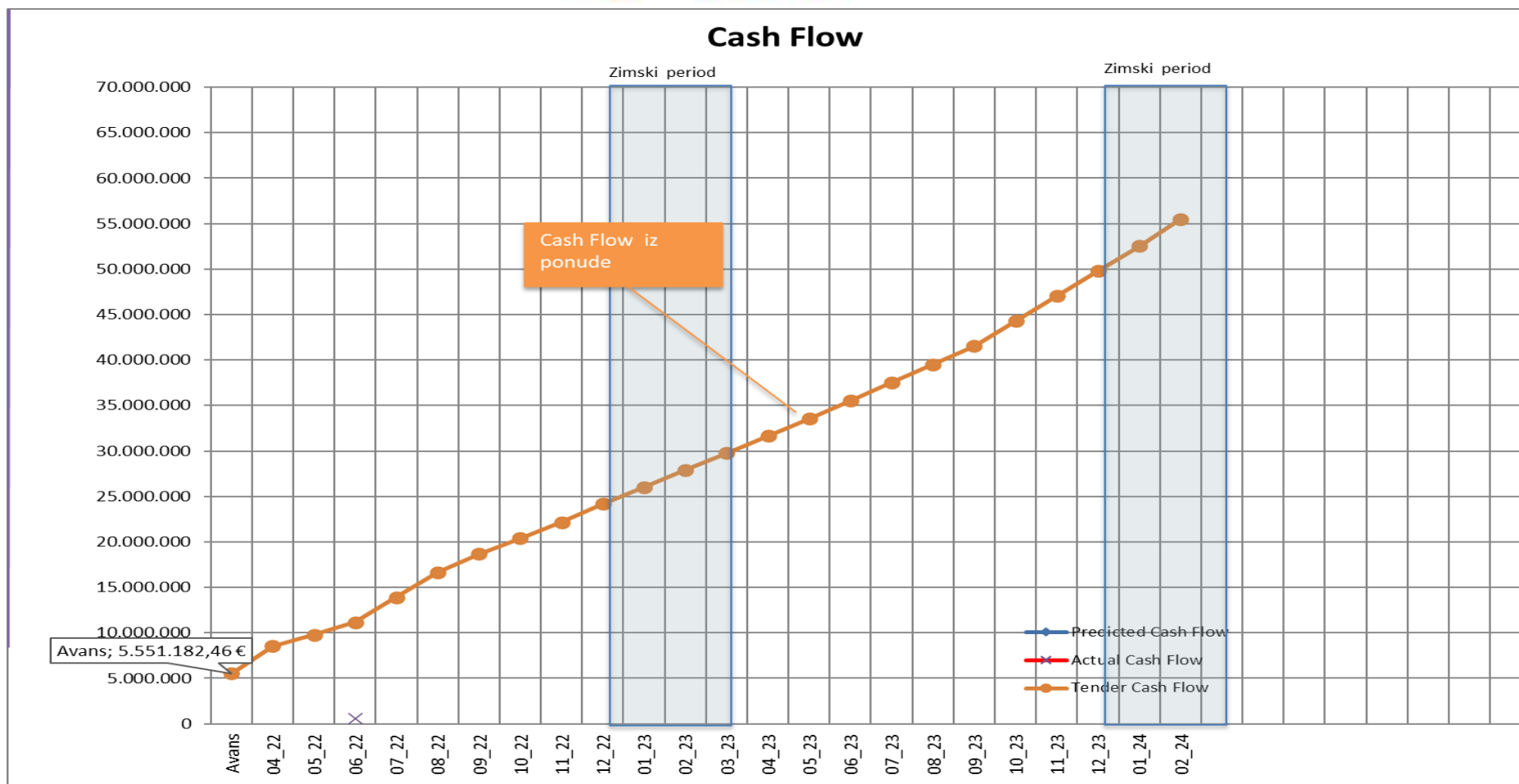
Paprikuše-Nemila



Flow Chart 1. Poprikuše - Nemila

No.	Work description	Duration (days)	Start	Deadline	Completion %	Status of construction works
1.	Motorway alignment – Section 2	721	22.02.2022	12.02.2024	2	Preparation of documentation
2.	Motorway alignment – Section 1	620	30.04.2022	09.01.2022	2	Preparation of documentation
3.	Relocation of magistral road M17	418	30.04.2022	21.06.2023	5	Work in progress
4.	Riverbed regulation of Bosna River	664	20.04.2022	12.02.2024	2	Preparation of documentation
5.	Temporary toll station with connection road to M17	480	20.10.2022	11.02.2024	0	
6.	Preparation of Final Documentation	110	01.11.2023	18.02.2024	0	

Table 2. Progress of construction works on subsection Nemila - Vranduk



Flow Chart 2. Nemila - Vranduk

Section Vranduk – Ponirak

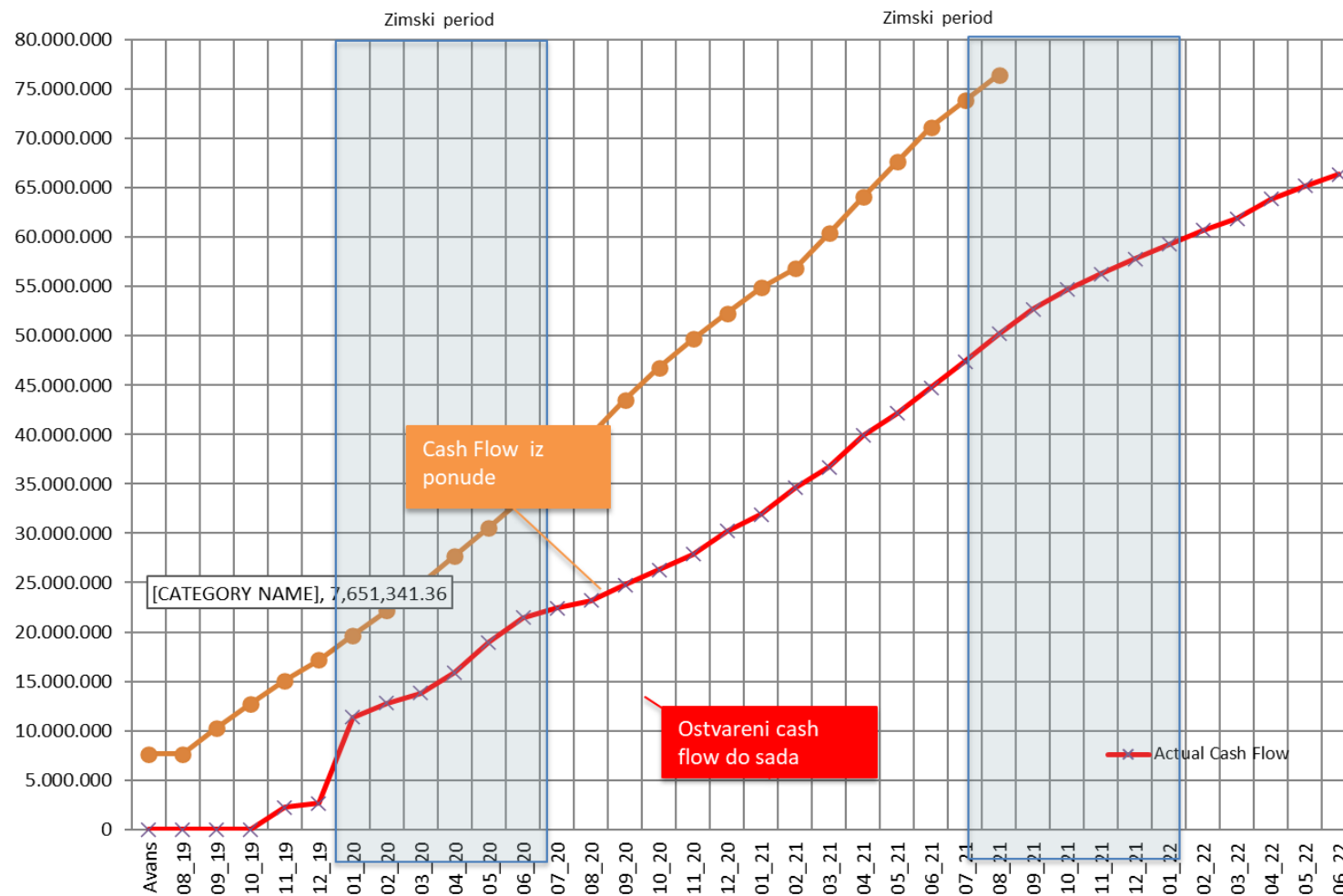
No.	ID	Description of Works	Duration (months)	Commencement	Completion Time	Completed %	Status of Works Under Construction
1		ALIGNMENT					Ongoing (Details provided in Chapter 5. of PPR)
	A	Motorway Alignment	23	23-Sep-19	17-Aug-21	13 %	
2	B	OTHER ROADS AND TRAFFIC SURFACES	23	28-Sep-19	18-Jul-21	40,7 %	Disposal of excavated materials at landfills. New landfill Malinjak 2 is in phase of designing for the needs of excavation works at sectors 6 and 7.
3	D	DRAINAGE AND WATER PROTECTION SYSTEMS	12	2-Jul-20	22-Jul-21	3,33 %	
4	E	EQUIPMENT AND SIGNALIZATION	3	1-May-21	12-Aug-21	0,00 %	
5	F	ENGINEERING STRUCTURES AND FACILITIES					
	F	Bridges	23	19-Aug-19	17-Aug-21	83,23 %	Work in progress.
	F	Culverts				60%	
	F	Underpass					
	F	Retaining Walls					
	F	Tunnels	23	19-08-19	10-07-21	120,6 %	Work in progress.
6	G	INSTALLATIONS	23	19-Aug-19	10-Jul-21	9,43 %	
7		UNFORESEEN WORKS AND ADDITIONAL ALLOCATION OF FUNDS					

	VO-3	Conducting additional geological exploration work for the G31 Mission				99,8 %	
	VO-4	DMS cost difference				195,9 %	
	VO-6	Main Road protection				100,00 %	
	VO-7	Variation Order for works in Sector 4a				89,87 %	
	VO-8	Works on rehabilitation of local roads				101,30 %	
	VO-9	Alternative landfill "Malinjak" for excavated material during the project				46,5 %	Work in progress.
	VO-10	Additional works on the foundation of the Piers S1L and S1D of the Vranduk 1 Bridge				108,00 %	
	VO-11	Improvement No. 1: Amendment to the method of foundation of the S1D Pier on the Vranduk 2 Bridge, and amendment to the piles' load-bearing test method at the Vranduk 1 and Vranduk 2 Bridges				100,00 %	
	VO-12	Modification of the EN networks relocations				45,5%	Works suspended
	VO-13	Modification of the foundation method of abutment U1R on Bridge Vranduk 2				100%	Works completed
	VO-14	Works on the playgrounds at villages Koprivna and Novi Vranduk				101%	Works completed
	VO-15	Rehabilitation of damaged local roads				155%	Works completed

	VO-16	Modified geotechnical works and collapse remedifications between cross – sections P124 -P133				342,2%	Works continued.
							Works completed
	VO-18	Works for redesigned Sector 5				47,94%	The works at Sector 5 continued during April 2022.
	VO-19	Rehabilitation of retaining walls at Varošište settlement				100%	Works Completed.
8		DEDICATED RETENTION MONEY					
	VO-1	Cost of developing and updating BIM models				75,1 %	
	VO-2	Cost of Design Supervision				105,6 %	
	VO-5	External quality control				58,53 %	

Table 2. Progress of construction works on section Vranduk - Ponirak

Cash Flow



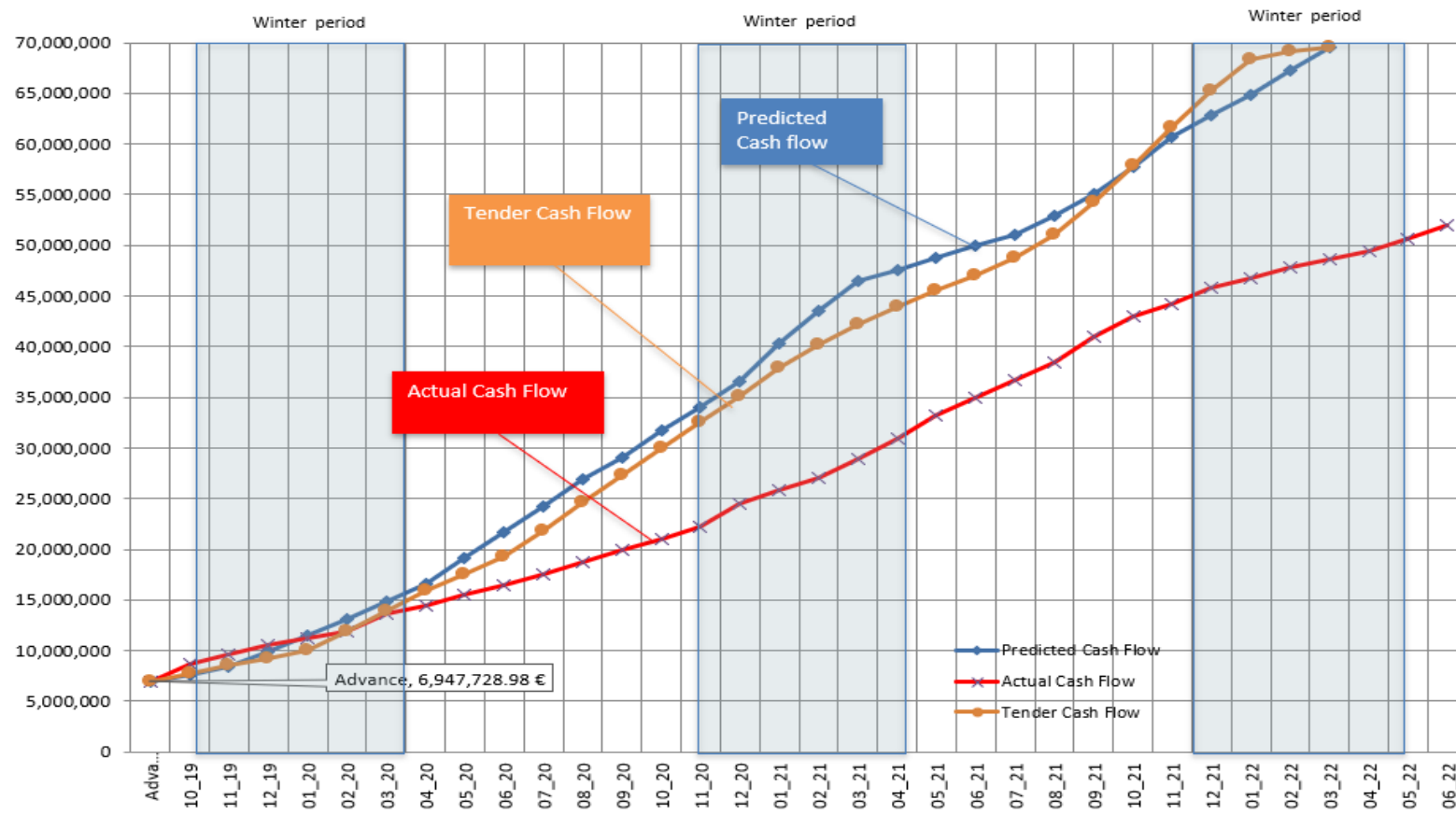
Cash Flow Chart 2. Vranduk - Ponirak

Subsection Ponirak – Vraca

No.	Work description	Duration (months)	Start	Deadline	Completion %	Status of construction works
1	ALIGNMENT					
	Motorway alignment	20	04.02.2020.	15.10.2021	0	Not commenced yet
2	LOCAL ROADS	2	11.11.2019.	03.01.2020	37,74	Currently not being executed
3	DRAINAGE AND WATER PROTECTION SYSTEM	3	19.06.2021.	29.09.2021.	0	Not commenced yet
4	EQUIPMENT AND SIGNALISATION	10	19.06.2021.	09.04.2022.	0	Not commenced yet
5	ENGINEER'S CONSTRUCTIONS AND STRUCTURES					
	Tunnel Zenica	27	11.11.2019	27.02.2022.	63,00	Currently ongoing
	Culverts	4	14.04.2020.	14.08.2020	81,30	Currently not being executed
	Underpass	4	14.04.2020.	14.08.2020	0	
	Retaining wall	2	14.02.2020.	13.04.2020	0	
6	INSTALLATIONS	7	28.09.2021.	04.04.2022		

Table 3. Progress of construction works on subsection Ponirak – Vraca

Cash Flow: Ponirak - Vraca



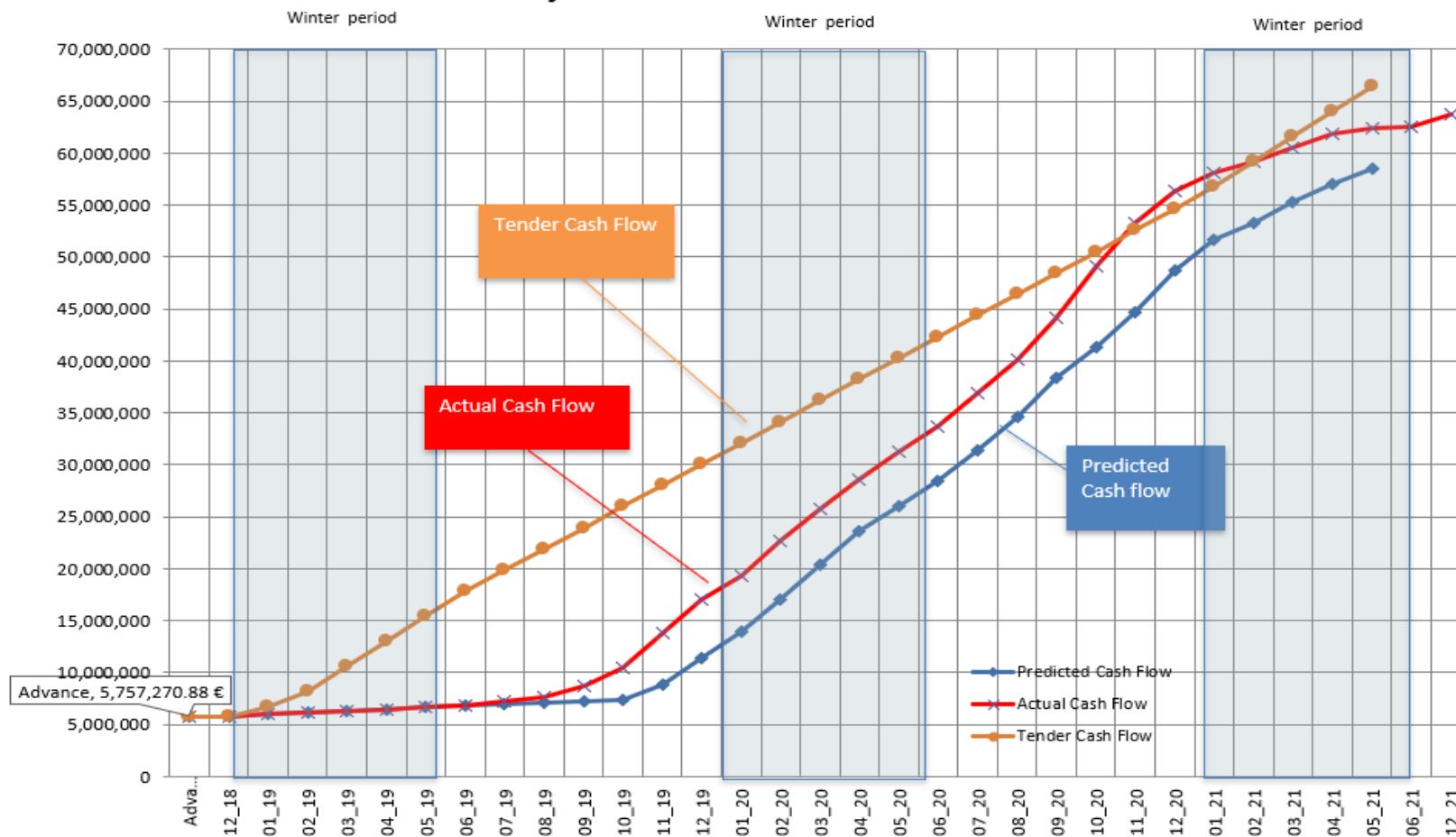
Cash Flow Chart 3. Ponirak - Vraca

Subsection Tunnel Zenica-Donja Gračanica

No.	Work description	Duration (days)	Start	Deadline	Completion %	Status of construction works
1.	Motorway North section	497	04.01.2020.	14.05.2021.	98	Construction works are completed
2.	Motorway South section	480	29.10.2019.	19.02.2021.	100	Construction works are completed
3.	Interchange "Zenica North" and connection road on M17 with toll staton	300	26.04.2020.	19.02.2021.	100	Construction works are completed
4.	Viaduct Donja Gračanica	435	29.10.2019.	05.01.2021.	100	Construction works are completed
5.	Tunnel Zenica	497	04.01.2020.	14.05.2021.	98	Construction works are completed
6.	Tunnel Hum	380	29.10.2019.	11.11.2020.	100	Construction works are completed
7.	Other roads for which construction permits are given by city Zenica	433	29.10.2019.	03.01.2021.	90	Construction works are completed
8.	Construction and relocation of installations	564	29.10.2019.	14.05.2021.	100	Construction works are completed

Table 4. Progress of construction works on **Subsection Tunnel Zenica-Donja Gračanica**

Cash Flow: Tunnel Zenica - Donja Gračanica



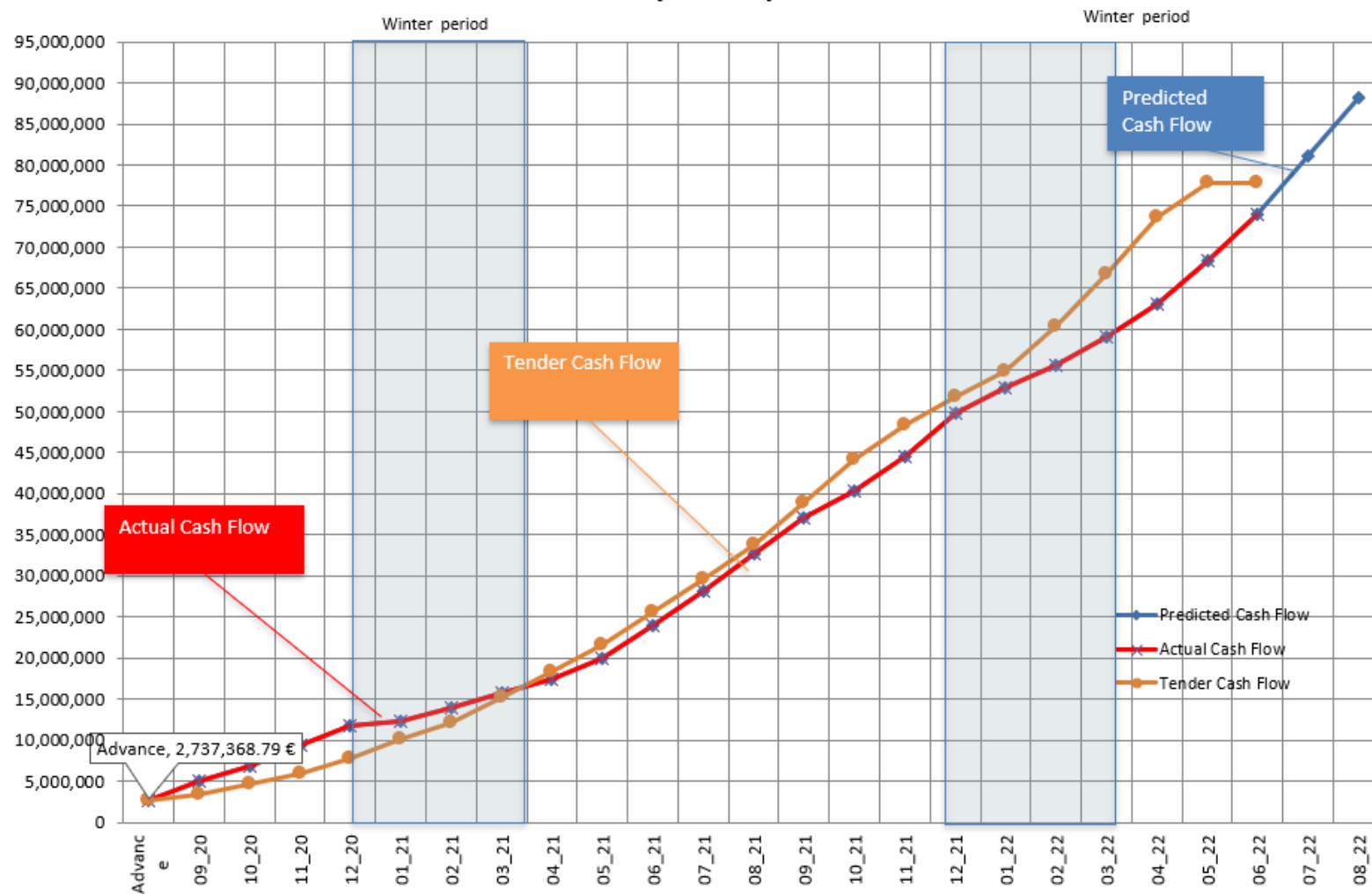
Cash Flow Chart 4. Subsection Tunnel Zenica-Donja Gračanica

Section Tarčin – Ivan: LOT 1

No.	Work description	Duration (days)	Start	Deadline	Completion %	Status of construction works
1.	Motorway alignment	715	31.08.2021	15.08.2022	86,40%	Works on time according to RoW rev.2
2.	Other roads and traffic areas	275	31.08.2021	27.07.2022	95,38%	Works on time according to RoW rev.2
3.	External and internal drainage	550	31.08..2021	08.08.2022	68,31%	Works behind according to RoW rev.2
4.	Traffic signalization and equipment	340	10.07.2021	17.08.2022	38,75%	Works behind according to RoW rev.2
5.	Structures (engineering structures)	705	31.08.2021	05.08.2022	93,50%	Works on time according to RoW rev.2
	Bridge 1. - Raštelica 1	613	01.12.2021	05.08.2022	92,05%	Works on time according to RoW rev.2
	Brdige 2. – Raštelica 2	510	31.08.2021	27.06.2022	95,45%	Works on time according to RoW rev.2
6.	Installations	341	15.03.2021	21.04.2022	58,63%	Works behind according to RoW rev.2
7.	Landscape design of traffic areas and other contents and toll station	56	23.05.2022	27.07.2022	0%	Works behind according to RoW rev.2
8.	Other projects	440	15.03.2021	18.08.2022	85,2%	Works on time according to RoW rev.2
9.	Documentation and additional works	719	31.08.2021	19.08.2022	51,11%	
10.	Indirect costs	719	31.08.2021	19.08.2022	91,49%	
11.	Provisional sums:	719	31.08.2021	19.08.2022	19,56%	

Table 7. Progress of construction works on section Tarčin – Ivan: LOT 1

Cash Flow: Tarčin - Entrance to tunnel Ivan (LOT - 1)



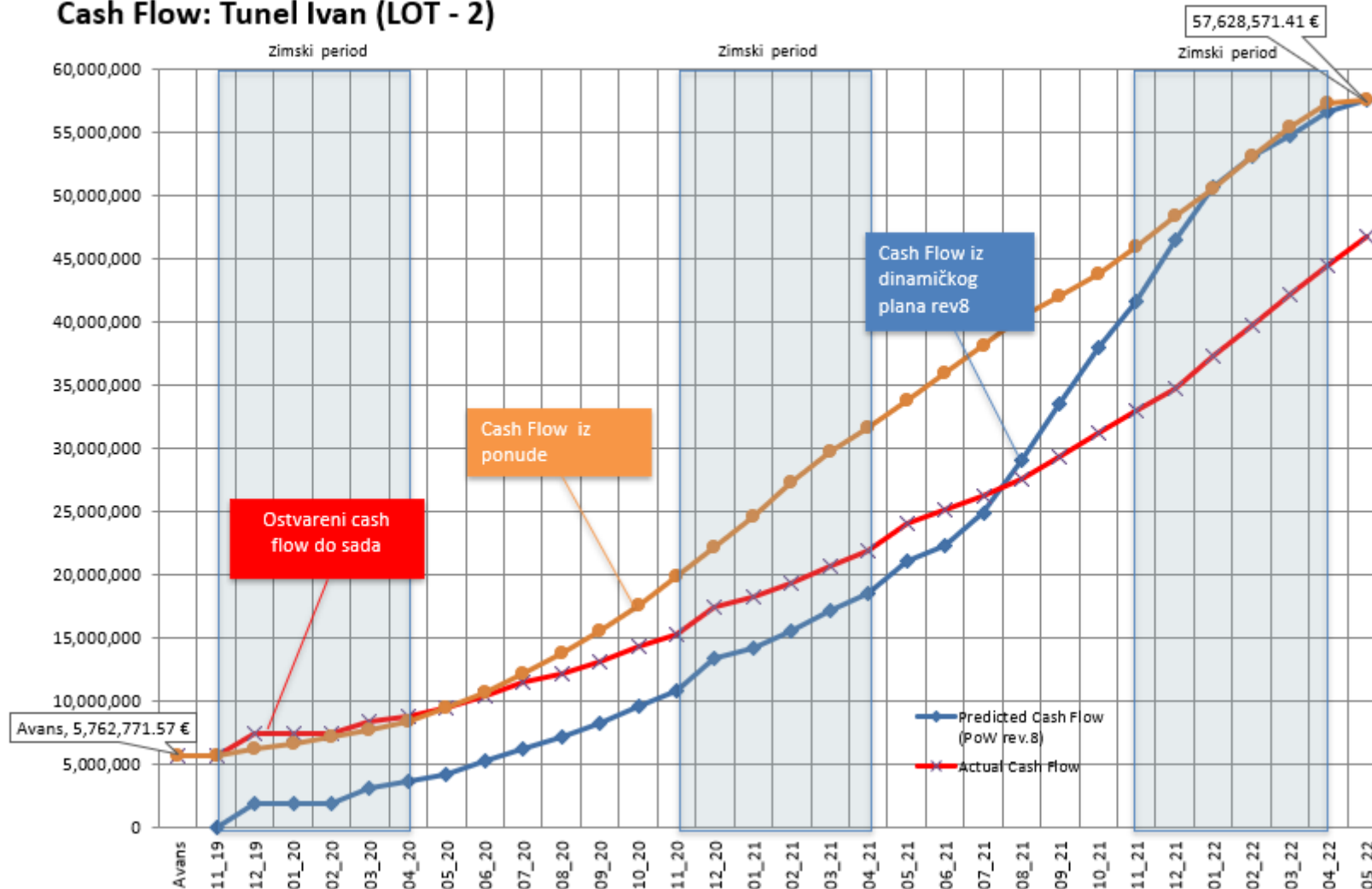
Cash Flow Chart 6. Tarčin – Ivan: LOT 1

Section Tarčin – Ivan: LOT 2

No.	Work description	Duration (months)	Start	Deadline	Completion %	Status of construction works
1.	Motorway alignment	30	06.07.2020.	25.03.2022.	37,63	Currently ongoing
2.	Other roads and traffic areas	30	20.11.2019	25.04.2022	52,91	Currently ongoing
3.	External and internal drainage	30	18.01.2021	31.12.2021	23,04	Currently ongoing
4.	Traffic signalization and equipment	30	03.08.2021	13.05.2022	8,84	Currently ongoing
5.	Structures (engineering structures)	30	23.11.2019.	10.05.2022.	88,99	Currently ongoing
	Hydro - technical facility on the stream Sirovica	30	04.05.2020.	24.10.2020.	101,86	Completed
	Tunnel 1. - Ivan	30	23.11.2019.	23.05.2022.	88,77	Currently ongoing
	Bridge Bradina	30	06.05.2020.	01.09.2020.	114,31	Currently ongoing
6.	Installations	30	04.12.2021.	11.05.2022.	8,35	Currently ongoing
7.	Landscape design of traffic areas and other contents and toll station	30	14.10.2021.	13.05.2022.	0,00	Construction works did not commence yet
8.	Other projects	30	06.04.2020	29.04.2020	73,64	Currently ongoing
9.	Documentation and additional works	30	23.11.2019.	10.05.2022.	34,02	Currently ongoing
10.	Indirect costs	30	23.11.2019.	25.05.2022.	86,04	Completed
11.	Provisional sums:	30	23.11.2019.	25.05.2022.	31,10	Currently ongoing

Table 8. Progress of construction works on section Tarčin – Ivan: LOT 2

Cash Flow: Tunel Ivan (LOT - 2)

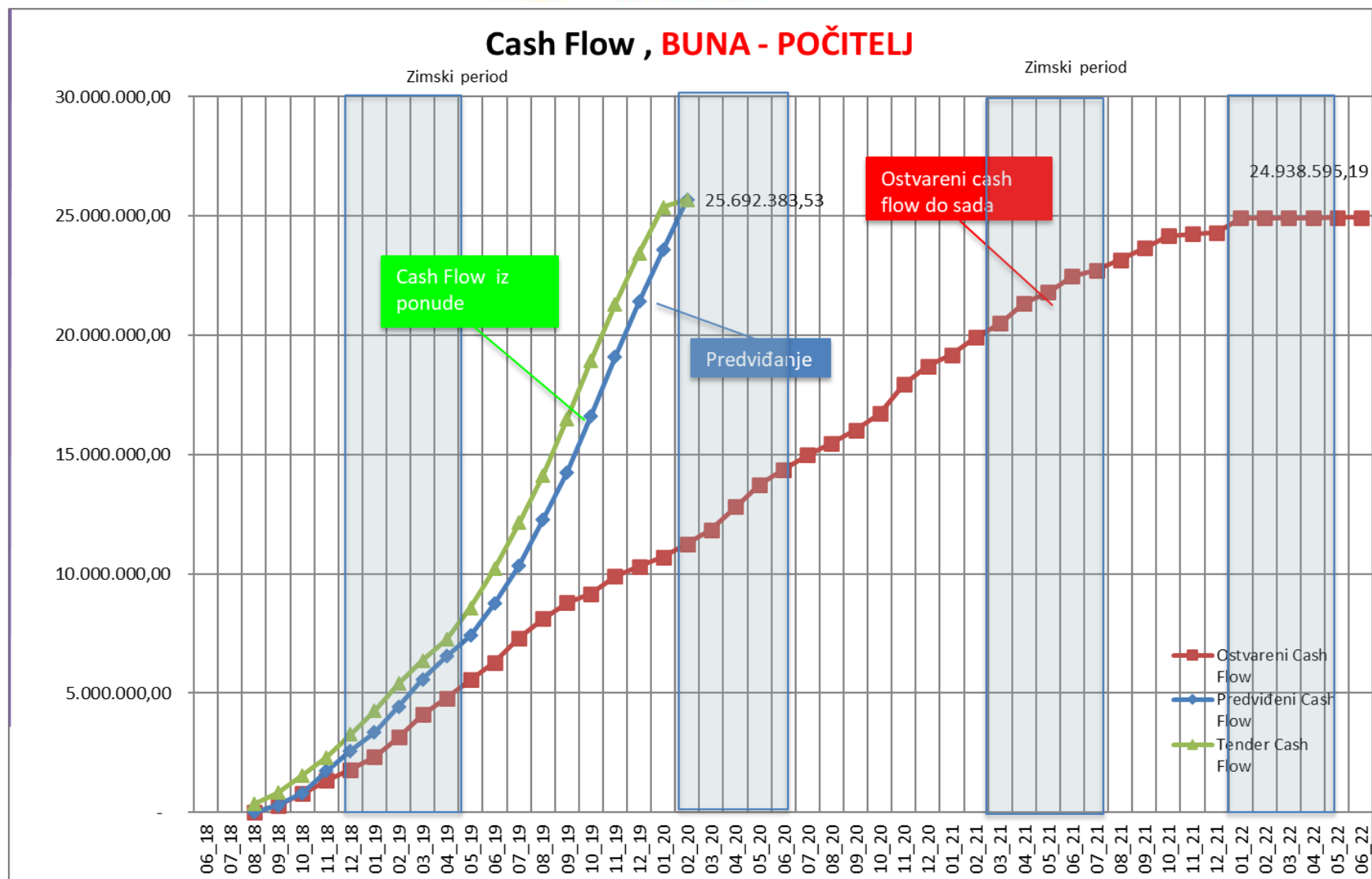


Cash Flow Chart 7. Tunnel Ivan LOT 2

Section Buna - Počitelj

No.	Work description	Duration (months)	Start	Deadline	Completion %	Status of construction works
1	MOTORWAY ALIGNMENT		8/3/2018	10/27/2021		Works completed
2	OTHER ROADS AND TRAFFIC AREAS		8/3/2018	10/27/2021		Works completed
3	EXPLORATORY AND GEOTECHNICAL WORKS		8/3/2018	10/27/2021		Works completed
4	EXTERNAL AND INTERNAL DRAINAGE		8/3/2018	10/27/2021		Works completed
5	TRAFFIC SIGNALIZATION AND EQUIPMENT		8/3/2018	10/27/2021		Works completed
6	STRUCTURES		8/3/2018	10/27/2021		Works completed
	Overpass Grabovina		8/3/2018	10/27/2021		Works completed
	Overpass Kevčić		8/3/2018	10/27/2021		Works completed
	Underpass Bivolje Brdo		8/3/2018	10/27/2021		Works completed
	Passages for animals at 12+500		8/3/2018	10/27/2021		Works completed
	Passages for animals at 15+660		8/3/2018	10/27/2021		Works completed
7	INSTALLATIONS 15+420-18+280		8/3/2018	10/27/2021		Works completed
8	HYDRO-CULTURAL AND LANDSCAPE DESIGN OF TRAFFIC AREAS AND OTHER CONTENTS		8/3/2018	10/27/2021		Works completed
9	INSTALLATIONS 11+100-15+420 AND OTHER PROJECTS		8/3/2018	10/27/2021		Works completed
10	NOISE PROTECTION		8/3/2018	10/27/2021		Works completed
11	DOCUMENTATION AND ADDITIONAL WORKS:		8/3/2018	10/27/2021		Works completed
12	GENERAL COSTS:		8/3/2018	10/27/2021		Works completed
13	PROVISIONAL SUMS:		8/3/2018	10/27/2021		Works completed

Table 9. Progress of construction works on section Buna – Počitelj



Cash Flow Chart 8. Buna - Počitelj

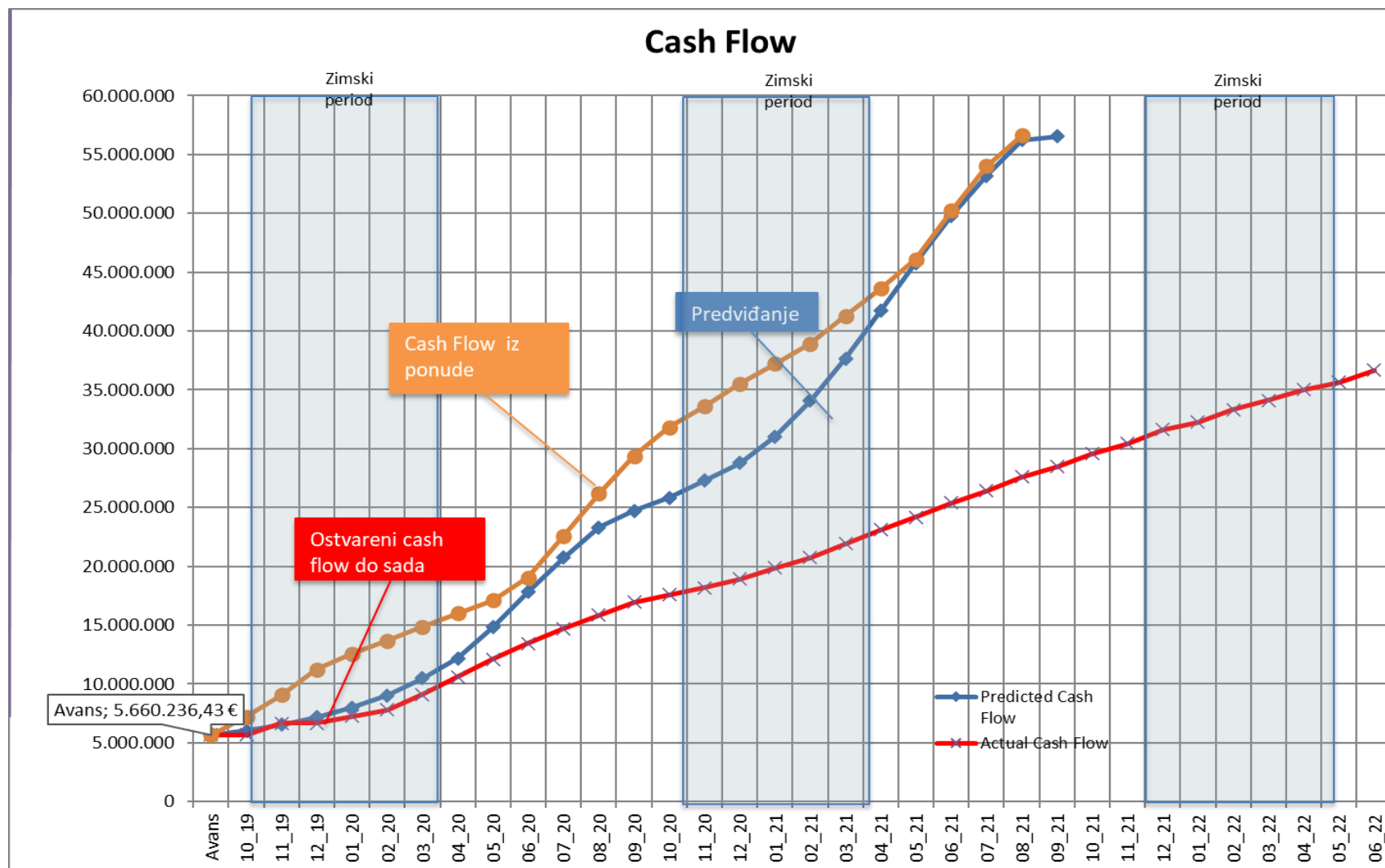
Subsection Počitelj – Zvirovići

No.	ID	Work description	Duration (months)	Start	Deadline	Completion %	Status of construction works
		LOT 1 - SECTION 1					
1		MAIN ALIGNMENT AND INTERCHANGES	21,5	12.11.2019	01.12.2021	95,78%	On going
2		OTHER ROADS AND TRAFFIC AREAS	27,6	01.1.2020	23.8.2022	38,88%	On going
3		EXPLORATORY AND GEOTECHNICAL WORKS (RETAINING WALLS)	0,0			0,00%	The works have not started
4		EXTERNAL AND INTERNAL DRAINAGE	10,5	14.12.2020	01.12.2021	83,96%	On going
5		TRAFFIC SIGNALIZATION AND EQUIPMENT	20,5	28.8.2020	17.8.2022	25,70%	On going
6		STRUCTURES:					
	6,1	Underpass 0+429, local road Bivilje Brdo	17,2	06.1.2020	27.8.2021	99,42%	On going
	6,2	Underpass Počitelj Interchange 0+866,	15,3	28.5.2020	15.11.2021	99,00%	On going
	6,3	Underpass 1+461, local road Sevas Njive	18,2	29.1.2020	15.4.2020	92,64%	On going
	6,4	Overpass 2+967, local road Gradina	15,0	06.4.2020	28.8.2021	80,00%	On going
	6,5	Culverts	5,5	06.1.2020	23.6.2020	100%	On going
7		INSTALLATIONS	11,5	23.12.2020	13.12.2021	87,32%	On going

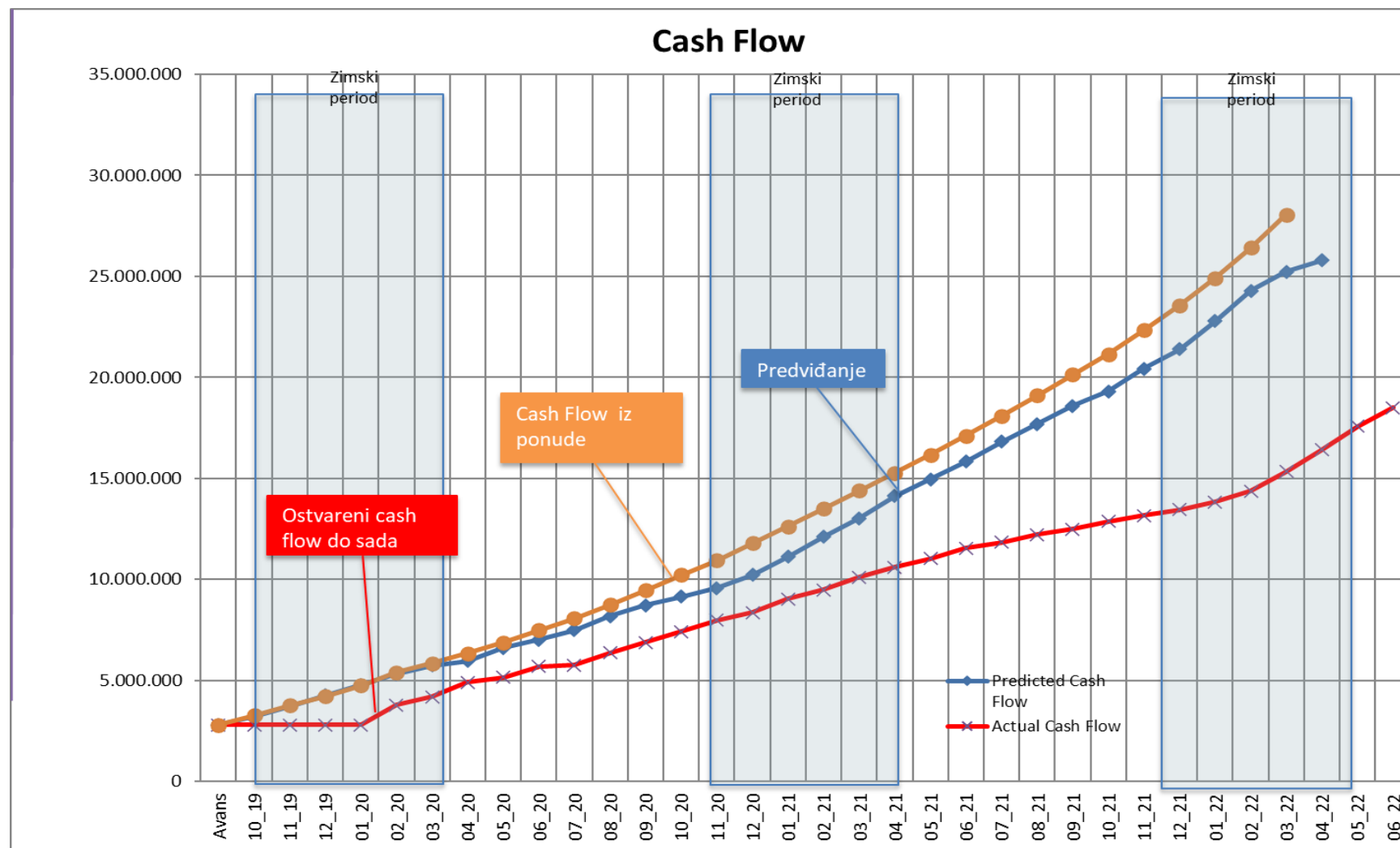
8		ARCHITECTURAL AND LANDSCAPING	12,3	5.12.2020	17.12.2021	16,78%	On going
		LOT 1 - SECTION 2					
1		MAIN ALIGNMENT	33,5	26.9.2019	28.11.2022	70,77%	On going
2		OTHER ROADS AND TRAFFIC AREAS	28,7	29.2.2020	28.11.2022	75,50%	On going
3		EXPLORATORY AND GEOTECHNICAL WORKS (RETAINING WALLS)	17,4	18.2.2020	24.7.2021	0,00%	The works have not started
4		EXTERNAL AND INTERNAL DRAINAGE	23,6	10.4.2020	18.7.2022	68,98%	On going
5		TRAFFIC SIGNALIZATION AND EQUIPMENT	11,0	31.8.2021	28.9.2022	33,33%	On going
6		STRUCTURES:					
	6,1	Bridge M2	7,7	9.5.2020	26.12.2020	23,17%	On going
	6,2	Bridge M3	3,6	21.1.2020	8.5.2020	0,02%	On going
	6,3	Bridge M4	13	15.7.2020	27.9.2021	94,82%	On going
	6,4	Tunnel Počitelj, right 1163 m/left, 1192m	33,2	20.9.2019	28.11.2022	86,52%	On going
	6,5	Underpass 10.975, regional road, Orlovaca	25	2.1.2020	24.6.2022	91,98%	On going
	6,6	Culverts	15	31.1.2020	13.7.2021	89,50%	On going

7		INSTALLATIONS	3.4.2020	24.6.2022		49,94%	On going
8		ARCHITECTURAL AND LANDSCAPING	31.12.2021	19.9.2022		0,02%	The works have not started
9		OTHER PROJECTS	25.2.2021	22.5.2021		17,16%	On going
10		DOCUMENTATION AND ADDITIONAL WORKS				35,00%	On going
11		GENERAL COSTS				96,75%	On going
12		PROVISIONAL SUMS	10.10.2019	20.9.2021		15,00%	On going
LOT 2 - Bridge Počitelj							
1		EXTERNAL AND INTERNAL DRAINAGE	2,8	21.12.2021	14.3.2022	4,97%	On going
2		TRAFFIC SIGNALIZATION AND EQUIPMENT	2,8	21.12.2021	14.3.2022	0%	The works have not started
3		STRUCTURES	24,4	25.2.2020	26.2.2022		
		Sub-structure (36%)	20,9	25.2.2020	12.11.2021	90,00%	On going
		Super-structure (64%)	16,2	29.10.2020	26.2.2022	30,00%	On going
4		INSTALLATIONS	1,9	24.12.2021	19.2.2022	0,00%	The works have not started
5		DOCUMENTATION AND ADDITIONAL WORKS				38,75%	On going
6		GENERAL COSTS				95,51%	On going
7		PROVISIONAL AMOUNTS:				30,04%	On going

Table 10. Progress of construction works on subsection Počitelj – Zvirovići



Cash Flow Chart 9. Počitelj – Zvirovići: LOT 1



Cash Flow Chart 10. Počitelj – Zvirovići: LOT 2