

**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 March 31st 2022



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Sarajevo, April 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 request for withdrawal of the fourth tranche was submitted in December 2021 and the fourth tranche was withdrawn in February 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. JPAC sent a request to the MFT BiH to amend the Loan Agreement 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. The selection of TA for PIU was completed which fulfills one of the formal conditions for withdrawal of the first tranche.
	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 first tranche of this FC was withdrawn in July 2021 and the second one in December 2021.
	No. 91.682 from December 28 th 2020.	Medakovo – Ozimice and Ozimice - Poprikuše	340 M	The FC was signed between BiH and EIB on December 28 th 2020 and 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	

Tabel 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 funds 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 effective from November 2020. 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)	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 their withdrawal will begin upon signing the contract for construction works.
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 based on its conclusions supported the loan initiative for the EIB and the EBRD in the amount of EUR 300 M each.
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. Preparation of tender documents was supported by the procurement consultant provided by the EBRD.
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 favorable 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 favorable 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 conducting loan negotiations for the purpose of concluding the Loan Agreement. In the reporting period, the comments on the draft Loan Agreement were submitted to the Federal Ministry of Finance.
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 for the purpose of concluding 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, more than EUR 165 million have been approved for the construction of Corridor Vc in the Federation through 10 grant applications. One of the grants has been implemented for the most part, 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 the TA component of the Grant will be withdrawn in the amount of EUR 2.5 M in 2022.
Putnikovo Brdo - Medakovo	Dec-2019	EBRD	15,550,000	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.
Poprikuše - Nemila	Dec-2019	EBRD	41,174,000	The Grant Agreement for the TA component was signed between JPAC and EBRD on August 2nd, 2021. In December, the Request for refund of JPAC own funds was submitted, as well as an application for direct payment of supervision services. Payment is expected at the end of January 2022. In December 2021, the Council of Ministers adopted the proposal of the Investment Grant Agreement. The Presidency gave its consent to the signing of the Grant Agreement which is expected in Q2 2022.
Ponirak - Vraca	June - 2018	EIB	19,000,000	The Grant agreement was signed on December 17 th 2019. The decision on ratification was announced in October 2020. The Federal Government has accepted the Grant Agreement. The Subsidiary Agreement and the Sub-Grant Agreement were signed in December 2020. The request for withdrawal of the first tranche of the Grant in the amount of 5 M EUR has been officially submitted to EIB in September 2021. On 28 th March, 2022, JPAC sent a new amended request to withdraw the first tranche of the grant with a different allocation of funds. The payment is expected in April 2022.
Zenica Tunnel - Donja Gračanica	June - 2018	EBRD	12,062,000	The Grant agreement for the INV component was signed on March 10 th 2021. The Federal Government accepted the Grant Agreement. The Sub-Grant agreement was signed in July 2021.

				<p>The Grant agreement for the TA component was signed between JPAC and EBRD on August 2nd 2021.</p> <p>JPAC applied for a refund for both components of the grant in December. EBRD has refunded the funds for the TA component in February 2022 and for the INV component in March 2022.</p>
Tarčin - entrance to the Tunnel Ivan	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. Payment of funds is expected in Q2 2022.</p>
Tunnel Ivan	Dec-2018	EBRD	11,480,000	<p>The Grant agreement for the TA component was signed between JPAC and EBRD on August 2nd 2021. In December, the Request for reimbursement of JPAC's own funds was submitted, as well as an application for payment of supervision services.</p> <p>The EBRD reimbursed the TA component in February 2022. Direct payment by the EBRD to the consultant is in the procedure. In December 2021, the Council of Ministers adopted a proposal for an investment grant agreement. The Presidency gave its consent to the signing of the Grant Agreement which is expected in Q2 2022.</p>
Tunel Kvanj – Buna	Nov-2020	EIB	20.671.580	<p>The application was approved in November 2020 at the Summit held in virtual format. JPAC sent an additional application in the Sixth Call for an additional 20% of the funds (INV component). The application was positively screened and official approval is expected in 2022.</p>
Buna - Počitelj	Dec-2018	EBRD	8,789,140	<p>The INV grant agreement was signed in March 2021 and ratified in July 2021. The Federal Government accepted the Grant Agreement. The Sub - Grant Agreement was signed in August 2021.</p> <p>The Grant agreement for the TA component was signed between JPAC and EBRD on August 2nd 2021.</p> <p>JPAC submitted a Request for reimbursement of its own funds for both components of the Grant. The EBRD refunded the TA component in March 2022 and in Q2 2022 a refund of the INV component is expected.</p>

Počitelj - Zvirovići	June - 2018	EIB	5,000,000	<p>The Grant agreement for the TA component was signed between EIB, the Ministry of Finance and Treasury of BiH and JPAC on November 15th 2021 and was submitted to the ratification procedure.</p> <p>In February 2022, the Government of FBiH made the Decision on approving the acceptance of the grant for the TA component. The Presidency of BiH made the Decision on ratification of the Grant Agreement.</p>
TOTAL:			EUR 165.112.720	

Table no. 5 - WBIF Investment Grants

Following the adoption of the Economic and Investment Plan for the Western Balkans, the European Commission aligned the WBIF application criteria with the Plan and that the allowed co-financing rate for road infrastructure has been increased to 40% (instead of the previous 20%).

In the 6th WBIF Call, 7 (seven) applications for investment grants for projects on Corridor Vc were submitted in accordance with the new co-financing percentage. The status of positively screened applications is listed in the table below:

Section / Subsection	Status of the WBIF applications
Medakovo – Ozimice	The official results of the Sixth Call in the form of a letter from the Directorate for European Integration have not yet been submitted to the applicants. WBIF published a list of supported projects via the website on 24 th February 2022 and the list also includes the application for Medakovo – Ozimice.
Mostar South– Tunnel Kvanj	The official results of the Sixth Call in the form of a letter from the Directorate for European Integration have not yet been submitted to the applicants. WBIF published a list of supported projects via the website on 24 th February 2022 and the list also includes the application for Mostar South - Kvanj Tunnel.
Tunnel Kvanj – Buna (additional 20%)	The official results of the Sixth Call in the form of a letter from the Directorate for European Integration have not yet been submitted to the applicants. WBIF published a list of supported projects via the website on 24 th February 2022 and the list also includes the application for the Tunnel Kvanj - Buna.

In the reporting period, JP Autoceste has consulted with IFIs and informed the competent institutions about the planned applications for the 7th WBIF Call for Investment grants for the following sections: Ozimice - Poprikuše, Tunnel Prenj and Mostar North - Mostar South.

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

In March 2022 during the 27th WBIF Call for Technical Assistance, JP Autoceste submitted one application for a Technical Assistance for Project Implementation Support for Tunnel Prenj. 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 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	4.500.000		In March 2022, as part of the 27 th Call for WBIF Technical Assistance, JP Autoceste submitted an application for Technical Assistance for Project Implementation Support for Tunnel Prenj project in the amount of EUR 4.5 M.

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 real values will be determined after the completion of the tender procedure.

Values presented in 000 EUR

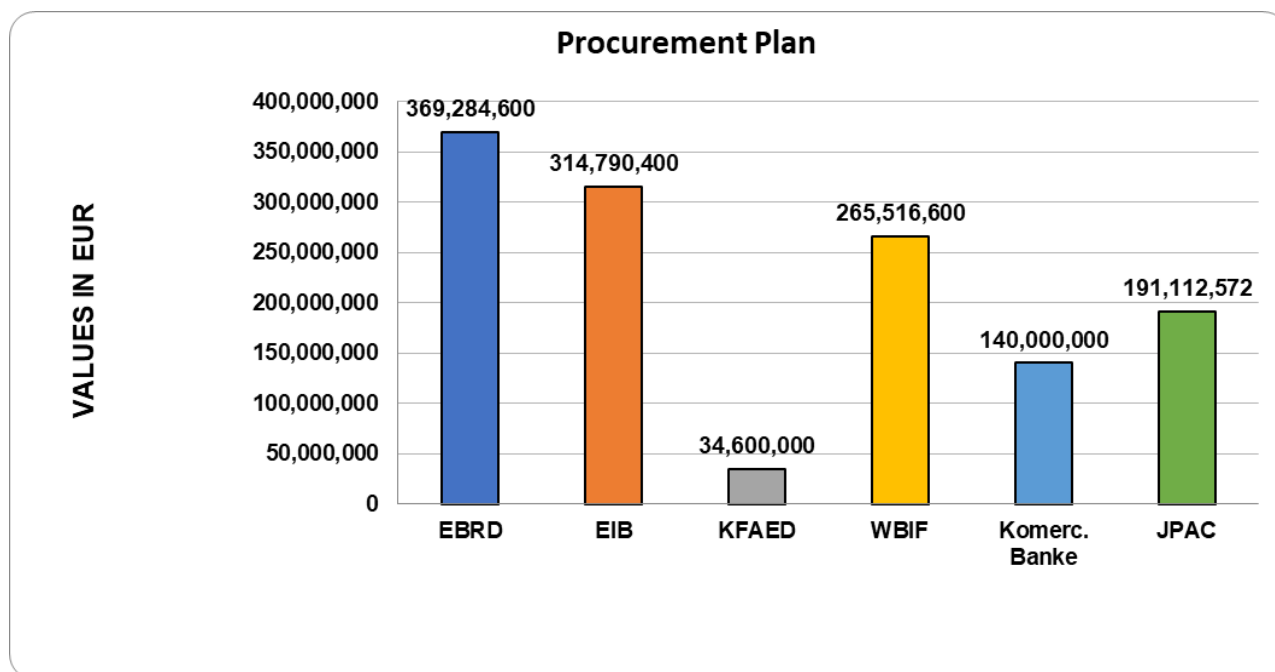
No.	Description	Estimated	Financed by	Contract	Procurement	Tender	Contract	
		Contract amount		Type	Method	Call month -year	Signing month-year	Completion deadline month-year
1.	Putnikovo brdo - Medakovo Construction works	55.500.000	EBRD	Works	Open	Sep - 20	Jun - 22	Jun - 24
2.	Putnikovo brdo - Medakovo Supervision services	3.500.000	EBRD	Services	Competitive	Nov - 20	Jun - 22	Jun - 26
3.	Nemila – Vranduk, Construction works	34.600.000	KFAED	Works	Open	Jul - 18	Feb - 22	Feb - 24
4.	Medakovo – Ozimice Construction works	160.000.000	EIB & WBIF	Works	Open	Feb - 22	Aug – 22	Maj – 25
5.	Medakovo – Ozimice Construction works	4.400.000	WBIF	Services	Competitive	Jan - 22	Jul – 22	Aug – 25
6.	Medakovo – Poprikuše TA for PIU services	850.000	WBIF	Services	Competitive	Jan - 22	Jul - 22	Mar - 26
7.	Mostar South – Tunnel Kvanj Construction works	66.970.000	EBRD	Works	Open	Dec - 20	Aug - 22	Aug - 25
8.	Mostar South – Tunnel Kvanj Supervision services	3.500.000	EBRD	Supervision	Competitive	Okt - 20	Aug - 22	Aug - 27
9.	Tunnel Kvanj – Buna Construction works	98.100.000	EIB	Works	Open	Apr - 22	Dec - 22	Dec - 25
10.	Mostar North – Mostar South Preliminary and Detailed design services	8.000.000	EBRD	Services	Competitive	Dec - 21	Maj - 22	Feb - 23
11.	Mostar North – Mostar South Detailed design audit services	1.500.000	EBRD	Services	Competitive	Dec - 21	Maj - 22	Feb - 23
12.	Mostar North – Mostar South Supervision services	7.000.000	EBRD	Services	Competitive	Maj - 22	Dec - 22	Jul - 26
13.	Mostar North – Mostar South Construction works	233.000.000	EBRD & Commercial Banks	Works	Open	Maj - 22	Maj - 23	Jun - 26
14.	Tunnel Prenj Safety measures and fire protection measure services	71.600	EBRD	Services	Negotiating	Okt - 21	Dec - 21	Dec -24
15.	Ponirak – Vraca Communication and visibility services related to WBIF Grant	50.000	EIB	Services	Negotiating	Nov - 21	Dec - 21	Dec - 22
16.	Ponirak – Vraca, Tarčin – Ivan and Počitelj – Zvirovići Cost Audit services related to WBIF Grants	200.000	EIB	Services	Negotiating	Nov - 21	Dec - 21	Dec - 23
17.	Consulting services for the development of Preliminary and Detailed design of preparatory works (access roads, water supply, electricity network	500.000	EBRD	Services	Competitive	Jan - 22	Maj - 22	Nov - 22

18.	Preliminary design with elements of the Detailed design for the construction of the Prenj tunnel	6.000.000	EBRD	Services	Competitive	Dec - 21	Maj - 22	Maj - 23
19.	Tunnel Prenj- technical assistance to PIU	4.500.000	EBRD	Services	Competitive	Mar - 22	Sep - 22	Sep - 30
20.	Tunnel Prenj- construction of access roads	20.000.000	EBRD	Works	Opne	Nov - 22	Apr - 23	Apr - 24
21.	Tunnel Prenj - supervision of the construction of access roads	750.000	EBRD	Services	Competitive	Apr - 22	Okt - 22	Okt - 24
22.	Tunnel Prenj- construction works	400.000.000	EBRD EIB WBIF	Works	Open	Mar - 23	Apr - 24	Maj - 30
23.	Tunnel Prenj- supervision services	15.200.000	WBIF	Services	Competitive	Mar - 23	Jan - 24	Maj - 30
	FINANCED BY IFI*s:	1.124.191.600	EBRD, EIB, KFAED, WBIF & Commercial banks					
	VAT (17%) JPAC	191.112.572						
	TOTAL incl. VAT:	1.315.304.172						

Table no. 7 – Procurement plan

Notice: VAT is charged on the total amount of the budget (excluding land expropriation)

Graph 1. - shows the contract values in EUR financed by international financial institutions, WBIF grant funds, as well as JP Autoceste's own funds.



Graph 1: Procurement plan

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) – Doboј South;
- Lot 2: Doboј 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	
<p>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 loop is located. Further the toll station Svilaj is located. The section ends at the Odžak loop 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.</p>	
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 85.648.598,70 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	
<p>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.</p>	
Financing	EBRD, Loan agreement number 50603 EU grant no. WB-IG04-BIH-TRA-01
Project documentation	By the end of September 2020, the innovative Detailed design for the sections Putnikovo brdo - Karuše and Karuše - Medakovo was completed.
Consents and permits	<p>In June 2016, 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.</p> <p>In September 2021, the Federal Ministry of Environment and Tourism issued the Decision of urban permit for complete section Putnikovo brdo – Medakovo.</p> <p>The construction permit will be obtained after fulfilling the legal conditions which includes the revised Detailed design and the completed expropriation procedure.</p>
Land acquisition	<p>The alignment passes through the municipalities of Tešanj, Doboj South and Usora. The expropriation procedure was initiated in all the municipalities. In the Municipality of Tešanj, 287 cases out of a total of 301 cases were completed. In the Municipality of Usora, 82 cases out of a total of 100 cases were completed. In the Municipality of Doboj South 76 cases were completed. A total 93% of the land area from expropriation elaborate has been expropriated.</p>
Procurement - Contractor for construction works	Public procurement is conducted in accordance with international procedures through the Open procedure with prequalification. The procedure of prequalification was published in September 2020. The deadline for submission of bids was extended to November 3 rd 2020. The revised evaluation report was sent to the Bank for approval on December 14 th 2021. The preparation of tender documentation for the second phase commenced in January 2022.
Procurement - Supervision consulting services	Public procurement for Supervision Services is conducted in accordance with international procedures through the Competitive procedure. The request for proposals was published on October 26 th 2020. The deadline for submission of bids was December 10 th 2020. The evaluation report was sent to the Bank for approval on 30 th November 2021. The Bank approved the evaluation report on 22 nd February 2022. Obtaining the Bank's approval to the invitation to submit bids is in progress.

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 Dobo South to Sarajevo South (Tarčin). The most part of LOT 2 consists of already constructed sections of the motorway in the length of 81.9 km (Zenica South - Tarčin) 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	
<p>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.</p>	
Financing	<p>EIB, Contract number 91.682</p> <p>EU Grant, applied in the Sixth WBIF Call. The Application was positively screened.</p>
Project documentation	<p>The preparation of the Detailed design was completed, the final review of the documentation by the reviewer is 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 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.</p>
Land acquisition	<p>The alignment of this section passes through the Municipality of Tešanj, Maglaj and Žepče. The expropriation process is ongoing. The characteristic of this section is the large number of residential buildings that need to be expropriated.</p> <p>In the area of municipality of Tešanj total of 704 land plots need to be expropriated out of which 298 have been expropriated. Considering the number of a total of 401 cases so far 187 have been completed. 44,40 % of the land area covered by the expropriation study has been acquired. In the area of the municipality of Maglaj total of 196 land plots need to be expropriated out of which 84 have been expropriated. Considering the number of a total of 97 cases so far 66 have been completed. 45,75 % of the land area covered by the expropriation study has been acquired.</p> <p>The expropriation process in the municipality of Žepče is in the initial stage. The formation of expropriation cases for the cadastral municipalities of Ljubatovići and Goliješnica is in progress. So far, 12 cases have been fully completed in the area of KO Ozimica.</p>
Procurement - Contractor for construction works	<p>The preparation of tender documentation is in progress based on the data from the Detailed design.</p>
Procurement - Supervision consulting services	<p>Procurement of services was conducted according to international procedures through a competitive procedure. In February 2022, JP Autoceste's management board made a decision to initiate proceedings. The Bank approved the call for expressions of interest on 24th February 2022. The deadline for submitting applications is 14th April 2022.</p>
Procurement	<p>Procurement of services was conducted according to international procedures through a direct procedure. On 22nd November 2021, a notice on the annulment of the</p>

Technical Assistance for PIU Medakovo - Poprikuše	<p>procedure was sent to the Bank and the Consultant and a new (open) procedure has been initiated with increased scope of services and estimated value.</p> <p>In January 2022, JP Autoceste's management board made the Decision on initiating a repeated procedure and the call for expressions of interest was published on 25th January 2022. The deadline for submitting applications was March 10th. Application evaluation is ongoing.</p>
Procurement - Biodiversity for Medakovo – Poprikuše	<p>Procurement for Biodiversity for the Medakovo – Poprikuše section was conducted in accordance with international procedures through the Direct procedure. The contract has been signed with Zagrebinspekt d.o.o. Mostar with a contract value of EUR 40.000,00 excl. VAT.</p>
Procurement - Road Safety Audit (RSA) for Medakovo – Poprikuše	<p>Procurement for the Road Safety Audit for Medakovo – Poprikuše section was conducted in accordance with international procedures through Direct procedure. The contract was signed with Ecoplan d.o.o. Mostar with a contract value of EUR 49.240 excl. VAT.</p>

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 Varišište, 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</p> <p>EU Grant, applied in the Sixth WBIF Call. Application was screened as premature and will be applied again in the upcoming WBIF Call.</p>
Project documentation	<p>The Preliminary design was completed. The contract for the Detailed design was signed on October 5th 2021. The estimated duration of the Contract 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 Doboj 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 without obstacles.</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 elaborate for the first part of this section.</p>
Procurement	<p>The procurement process will be initiated in accordance with the Lead IFI's rules once the conditions for initiating the procedure have been met.</p>

SUBSECTION POPRIKUŠE - NEMILA	
TECHNICAL DESCRIPTION	
<p>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.</p>	
Financing	EIB loan no. 89.502
	EBRD loan no. 49058
	WBIF grant no. WB-IG04-BIH-TRA-02
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. The request to amend the Urban permit was submitted in May 2021.
Number and date of the construction permit	The project is implemented in accordance with the FIDIC Yellow Book. The Request for Construction permit was submitted on 21 st March 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	Activities that were carried out during Q1: Tunnel Golubinja: Excavation and Support Bosna bridge: Pier and Abutments Works, works on Superstructure Overpass Kovanici Bridge: Pile works, Pier and Abutments works, T Girders Golubinja Bridge 1: Pier and Abutments works Golubinja Bridge 2: Pier and Abutments works External drainage: Culverts and concrete works Main alignment: Earthworks, external drainage and works on slope protection.		
Current issues on project implementation and mitigation measures	Issues: Tunnel excavation and primary construction: 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. Based on these data it can be concluded that the tunnel is at the bottom of construction scale abilities according to NATM regulations Procurement of materials: 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. Mitigation measures: Works on primary construction and excavation works in the tunnel are being implemented in accordance with the predicted geological conditions and project documentation. Problems with the procurement of materials do not affect the dynamics of works, since the Contractor has contracts with several suppliers, and payment is mostly made in advance.		
Number of engaged employees	January: 317	February: 311	March: 315
Number of engaged subcontractors	January: 21	February: 21	March: 21
PAYMENTS FOR CONSTRUCTION WORKS IN THE REPORTING PERIOD			
Interim Payment Certificates (IPC)	11. IPC in the amount of EUR 2.982.351,53 excl. VAT		
	12. IPC in the amount of EUR 3.087.256,47 excl. VAT		
Amount paid in Q1	EUR 6.069.608,00 excl. VAT		

Recapitulation of payments for construction works	EUR 47.176.404,63 excl. VAT
PAYMENTS FOR SUPERVISION IN THE REPORTING PERIOD	
Interim Payment Certificates (IPC)	9. IPC in the amount of EUR 68.606,25 excl. VAT
	10. IPC in the amount of EUR 70.940,25 excl. VAT
	11. IPC in the amount of EUR 76.149,00 excl. VAT
	12. IPC in the amount of EUR 79.767,00 excl. VAT
	13. IPC in the amount of EUR 83.444,25 excl. VAT
Amount paid in Q1	EUR 378.906,75 excl. VAT
Recapitulation of payments for supervision	EUR 1.418.724,73 excl. VAT
PAYMENTS FOR TA IN THE REPORTING PERIOD	
Interim Payment Certificates (IPC)	7. IPC in the amount of EUR 11.977,35 excl. VAT
	8. IPC in the amount of EUR 13.876,45 excl. VAT
	9. IPC in the amount of EUR 12.943,00 excl. VAT
Amount paid in Q1	EUR 38.796,80 excl. VAT
Recapitulation of payments for TA	EUR 113.351,78 excl. VAT

Recapitulation: EBRD loan no. 49058

No.	EBRD no. 49058	Amount excl. VAT €
1.	Cengiz İnşaat Sanayi ve Ticaret A.S.	47.176.404,63
TOTAL:		47.176.404,63

Recapitulation: WBIF Grant for TA component

No.	Grant funds	Amount excl. VAT €
1.	IRD Engineering S.R.I.	1.418.724,73
2.	Joint Venture: Hill International N.V. i OMEK Consulting Engineers S.A.	
TOTAL:		1.418.724,73

Recapitulation: own funds

No.	Own funds	Amount excl. VAT €
1.	Joint Venture: Hill International N.V. i OMEK Consulting Engineers S.A.	113.351,78
TOTAL:		113.351,78

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	Since the official commencement of work is 22 nd February 2022, currently there are no significant works on the construction site except for the preparatory activities.
Number of engaged employees	January: - February: - March: -
Number of engaged subcontractors	January: - February: - March: -
PAYMENTS FOR WORKS IN THE REPORTING PERIOD	
Interim payment certificates (IPC)	No payments have been made
Amount paid in Q1	No payments have been made
Recapitulation of payments for construction works	No payments have been made
PAYMENTS FOR SUPERVISION IN THE REPORTING PERIOD	
Interim payment certificates (IPC)	No payments have been made
Amount paid in Q1	No payments have been made
Recapitulation of payments for supervision	No payments have been made

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 (the contract expired four months ago) + 426 days approved by Variation Order no. 18
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 + 426 by Variation Order 18
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	
Description of construction works	<p>Alignment: Works at Sector 4a will be finished soon. Remaining works are related to pavement construction. In the Last three months reinforced embankment, piles, head beam piles, gabion walls and reinforced walls assembling.</p> <p>At Sector 4b (275 meters length) works have been continuing by new Design. Slope protection (fourth level from the top), anchors, MacMat grids, reinforced grids and shotcrete installation.</p> <p>The works at Sector 5 are suspended because of different geological conditions as it has been described in Main design. Making of the new design is in progress and we expect the new solutions until the middle of this year.</p> <p>The explorations at Sector 2 showed new geological conditions which are different from the previous one. The works are suspended until new Design have been done. From now on. The legal part of expropriation is not an obstacle. The new Design is being prepared and we expect new solutions by the middle of this year.</p> <p>The other parts of the alignment (Sector 1,6 and 7) are being designed and our final solutions will be delivered to us 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 we are 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: L and L9. The rest of L landfills are in progress of closing.</p> <p>Tunnel Vranduk: The construction of the secondary subgrade was in progress in the last three month. The right tunnel tube has been done and the scaffold is</p>

	<p>moved to another tube. In the last three months works on protection of tunnel tubes entrance tubes are being constructed.</p> <p>Bridge Vranduk 1: Works on bridge construction have been done. Prolonged execution of asphalt works and drainage on buildings due to delays on the route by Contractor's request and Employers consent.</p> <p>Bridge Vranduk 2: Works on bridge construction are completed. Viaduct Crni potok: Works on bridge construction are completed. Viaduct Koprivna 1: Works on bridge construction are completed.</p> <p>Notes: Preparation of the New Detailed designs for sectors 1,2,5,6,7 is in progress (approx. 3 km). For Sectors 2 and 5 the Detailed Design solutions will be delivered by mid of this year, while for the rest of the project the deadline is the second part of this year. Addendum for Construction and Supervision of the works is being prepared due to JPAC's management board decision to extend the construction time for 426 days through the Variation order no. 18 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.</p>
Number of engaged employees	<p>January: 271 February: 232 March: 233</p>
Number of engaged subcontractors	<p>January: 6 February: 5 March: 6</p>
PAYMENTS FOR WORKS IN THE REPORTING PERIOD	
Interim payment certificates (IPC)	25. IPC in the amount of EUR 1.368.158,71 excl. VAT
	26. IPC in the amount of EUR 1.304.732,49 excl. VAT
	27. IPC in the amount of EUR 1.252.901,62 excl. VAT
Amount paid in Q1	EUR 3.925.792,82 excl. VAT
Recapitulation of payments for construction works	EUR 50.655.139,98 excl. VAT
PAYMENTS FOR SUPERVISION IN THE REPORTING PERIOD	
Interim payment certificates (IPC)	26. IPC in the amount of EUR 98.381,20 excl. VAT
	27. IPC in the amount of EUR 89.488,18 excl. VAT
Amount paid in Q1	EUR 187.869,38 excl. VAT
Recapitulation of payments for supervision	EUR 1.862.812,80 excl. VAT

PAYMENTS FOR PROJECT MANAGEMENT IN THE REPORTING PERIOD	
Interim payment certificates (IPC)	12. IPC in the amount of EUR 9.128,69 excl. VAT
	13. IPC in the amount of EUR 9.128,69 excl. VAT
Amount paid in Q1	EUR 18.257,37 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.	1.862.812,80
TOTAL:		22.888.678,28

Recapitulation: OFID Fund - Component B

No.	OFID B no. 12663PB	Amount excl. VAT 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.	5.329.274,50
2.	Institut za građevinarstvo IG d.o.o. Banja Luka i Saraj inženjering d.o.o. Sarajevo	112.282,86
TOTAL:		5.441.557,36

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 2.65 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 2420 m long and left tube 2475 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 6 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	The Contractor submitted a claim for deadline extension 22nd March 2022. Preparation of the Addendum is in progress.
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	In the reporting period, the Contractor performed works on corrections of the primary support, installation of final shotcrete on the corrected sections, foundations, installation of waterproofing, construction of side drainages.		
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 throughout this Project - the 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 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 it still has to be confirmed and defined by the Addendum to the work contract. 2. 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 included in 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. 4. Due to unpaid Interim Payments in the period October - December 2021, the Contractor reduced the scope of work and until March 31st so only corrective work on the primary support was performed. <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	January: 30	February: 25	March: 15
Number of subcontractors	January: 0	February: 0	March: 0
PAYMENTS FOR CONSTRUCTION WORKS IN THE REPORTING PERIOD			
Interim Payment Certificates (IPC)	25. IPC in the amount of EUR 1.471.068,67 excl. VAT		
	26. IPC in the amount of EUR 868.445,73 excl. VAT		
	27. IPC in the amount of EUR 1.196.455,61 excl. VAT		

Amount paid in Q1	EUR 3.535.970,01 excl. VAT
Recapitulation of payments for construction works	EUR 35.411.308,82 excl. VAT
PAYMENTS FOR SUPERVISION IN THE REPORTING PERIOD	
Interim Payment Certificates (IPC)	25. IPC in the amount of EUR 60.600,00 excl. VAT
	26. IPC in the amount of EUR 60.875,00 excl. VAT
	27. IPC in the amount of EUR 60.040,00 excl. VAT
Amount paid in Q1	EUR 181.515,00 excl. VAT
Recapitulation of payments for supervision	EUR 1.617.714,50 excl. VAT
PAYMENTS FOR TA IN THE REPORTING PERIOD	
Interim Payment Certificates (IPC)	30. IPC in the amount of EUR 10.070,18 excl. VAT
	31. IPC in the amount of EUR 10.070,18 excl. VAT
	32. IPC in the amount of EUR 10.070,18 excl. VAT
Amount paid in Q1	EUR 30.210,54 excl. VAT
Recapitulation of payments for TA	EUR 357.246,12 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: own funds

No.	EIB no. 86.971	Amount excl. VAT €
1.	Euro - Asfalt d.o.o.	3.535.970,011
TOTAL:		3.535.970,01

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

No.	Own funds	Amount excl. VAT €
1.	PROYAPI Engineering and Consulting INC	1.617.714,50
2.	Roughton International Ltd	357.246,12
TOTAL:		1.974.960,62

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.
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 for construction works is in the phase of the period for removal of deficiencies (DNP), there were no significant works except those related to the removal of minor deficiencies.		
Number of employees	January: 10	February: 10	March: 10
Number of subcontractors	January: -	February: -	March: -
PAYMENTS FOR CONSTRUCTION WORKS IN THE REPORTING PERIOD			
Interim Payment Certificates (IPC)	No payments have been made		
Amount paid in Q1	No payments have been made		
Recapitulation of payments for construction works	EUR 56.779.352,15 excl. VAT		
PAYMENTS FOR SUPERVISION IN THE REPORTING PERIOD			
Interim Payment Certificates (IPC)	28. IPC in the amount of EUR 22.360,90 excl. VAT		
Amount paid in Q1	EUR 22.360,90 excl. VAT		
Recapitulation of payments for supervision	EUR 2.422.449,15 excl. VAT		
PAYMENTS FOR TA IN THE REPORTING PERIOD			
Interim Payment Certificates (IPC)	29. IPC in the amount of EUR 3.174,28 excl. VAT		
	30. IPC in the amount of EUR 3.174,28 excl. VAT		
Amount paid Q1	EUR 6.348,56 excl. VAT		
Recapitulation of payments for TA	EUR 447.573,65 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.	6.128.162,73
TOTAL:		6.128.162,73

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 €
1.	IPSA Institut d.o.o. Sarajevo	447.573,65
TOTAL:		447.573,65

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
Contract value	EUR 107.879.287,94 including VAT. Addendum no. 3 defines the estimated increase of the Contract amount to EUR 1.205.055,94 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
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 15th 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 7.487.979,72 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.	4.915.292,56
TOTAL:		24.088.000,00

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.	19.307.824,41
2.	Consortium: Egis and IPSA Institut d.o.o.	88.677,06
TOTAL:		19.396.501,47

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
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 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	30.965.089,00 EUR excl. VAT
NO PAYMENTS DURING THE REPORTING PERIOD	
Recapitulation of payments for supervision	3.112.814,16 EUR 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. Component part of this LOT is the most demanding facility on Corridor Vc - Tunnel Prenj in the length of 10 kilometers. 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
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	22 months (46 months including defect notification period)
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	<p>During the Q1 the construction works were performed as follows:</p> <ul style="list-style-type: none"> - Main alignment: excavation, replacement of subsoil and construction of embankments, installation of geotextiles, reinforcement of embankments with geogrids, construction of longitudinal and transverse drainage - Arrangement of the landfill “Raštelica”: Embankment on the local road “Raštelica 1”; wide excavation and construction of embankment on local road “Vukovići”

	<ul style="list-style-type: none"> - Raštelica 1 Bridge: Construction of segments of both span structures (left and right), concreting of columns - Raštelica 2 Bridge: Works on the construction of the lower layer and on the construction of the span structure: installation of scaffolding and formwork, installation of reinforcement and cables for prestressing, concreting of segments. - Culverts: Construction of culvert at profile P104
Current issues on project implementation and mitigation measures	<p>Issues:</p> <p>During the execution of works, differences were determined in relation to the geological conditions envisaged by the project on the slopes of Sectors 3,6 and 7. New solution has been designed in sector 7 which requires additional time and costs for the execution of works. 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 the contract tools, i.e. correcting the price difference.</p> <p>Mitigation measures:</p> <p>Additional measures address the problem of rising market prices and the implications for the implementation of this project are being considered.</p>
Number of employees	January: 236 February: 236 March: 236
Number of subcontractors	January: 2 February: 2 March: 2
PAYMENTS FOR CONSTRUCTION WORKS IN THE REPORTING PERIOD	
Interim Payment Certificates (IPC)	16. IPC in the amount of EUR 4.637.192,53 excl. VAT
	17. IPC in the amount of EUR 2.549.819,42 excl. VAT
	18. IPC in the amount of EUR 2.353.677,20 excl. VAT
Amount paid in Q1	9.540.689,15 EUR excl. VAT
Recapitulation of payments for construction works	47.921.102,53 EUR excl. VAT
PAYMENTS FOR SUPERVISION IN THE REPORTING PERIOD	
Interim Payment Certificates (IPC)	14. IPC in the amount of EUR 96.384,00 excl. VAT
	15. IPC in the amount of EUR 97.258,00 excl. VAT
	16. IPC in the amount of EUR 96.542,00 excl. VAT
Amount paid in Q1	290.184,00 EUR excl. VAT
Recapitulation of payments for supervision	1.555.396,50 EUR excl. VAT
PAYMENTS FOR THE TA IN THE REPORTING PERIOD	
Interim Payment Certificates (IPC)	5. IPC in the amount of EUR 14.160,00 excl. VAT
	6. IPC in the amount of EUR 14.160,00 excl. VAT
Amount paid in Q1	28.320,00 EUR excl. VAT
Recapitulation of payments for TA	49.155,00 EUR 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	47.921.102,53
TOTAL:		47.921.102,53

Recapitulation: own funds

No.	Own funds	Amount excl. VAT €
1.	Institut IGH d.d.	1.555.396,50
2.	Technital S.p.A. Italy	49.155,00
TOTAL:		1.604.551,50

Note: Supervision services as well as technical assistance cost 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	
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.	
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	30 months
Addendums	Addendum No. 1 was signed 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 Q1 the construction works were performed as follows:</p> <ul style="list-style-type: none"> - Excavation works: Completed in both tunnel tubes - Concrete works on the tunnel foundations: completed in both tunnel tubes - Waterproofing / drainage works: started in June 2021 and to date 31.03.2022. are completed 80% in both tunnel tubes - Final lining (concrete works): that started on July 16th 2021 and to date 31.03.2022. are completed 80% in both tunnel tubes - Electro - mechanical works: installation started (minor works) in the last month March 2022, and up to date 31.03.2022. completed approximately 2%

	<ul style="list-style-type: none"> - The construction works for the construction of embankment in the main alignment of the road and the connection with the M17 continued up to date 31.03.2022. Works on the main alignment are completed 90%, and 95% for the connecting with the M17. - Hydraulic facility works: In the Sirovica stream have been completed and the works of the regulation of Jeha stream have been completed.
Current issues on project implementation and mitigation measures:	<p>Issues:</p> <ul style="list-style-type: none"> - Toll station Bradina has not started yet, the contractor has proposed for an extension of Toll Station (at least two additional lanes) - The deadline for completion of all works is May 25th 2022. Construction works on concreting of the inner tunnel linings have not been completed (16% left), and they should have been completed on February 23rd 2022. Completion of this position was necessary for performing the remaining construction works (drainage, road construction, electrical and mechanical installations and traffic tunnel equipment). <p>Mitigation measures:</p> <p>Instruction of the Engineer in accordance with the contract sub-clause 3.3. GCC</p> <p>Risk mitigation measures:</p> <ul style="list-style-type: none"> - Include contingencies for unforeseen and dangerous work - Ensure appropriate safety equipment is provided and used - Materials to be sourced well in advance of construction - Additional time has been allowed for the event of unexpected unforeseen geological conditions during the construction phase
Number of employees	January: 170 February: 170 March: 170
Number of subcontractors	January: 7 February: 7 March: 7
PAYMENTS FOR CONSTRUCTION WORKS IN THE REPORTING PERIOD	
Interim Payment Certificates (IPC)	22. IPC in the amount of EUR 1.748.633,65 excl. VAT
	23. IPC in the amount of EUR 1.777.684,65 excl. VAT
	24. IPC in the amount of EUR 2.135.411,00 excl. VAT
Amount paid in Q1	5.661.729,30 EUR excl. VAT
Recapitulation of payments for construction works	36.949.535,70 EUR excl. VAT
PAYMENTS FOR SUPERVISION IN THE REPORTING PERIOD	
Interim Payment Certificates (IPC)	19. IPC in the amount of EUR 61.138,50 excl. VAT
	22. IPC in the amount of EUR 56.920,50 excl. VAT
	23. IPC in the amount of EUR 60.485,50 excl. VAT
Amount paid in Q1	178.544,50 EUR excl. VAT
Recapitulation of payments for supervision	1.294.186,46 EUR excl. VAT

Recapitulation: EBRD loan no. 49058

No.	EBRD loan no. 49058	Amount excl. VAT €
1.	Euro - Asfalt d.o.o.	36.949.535,70
TOTAL:		36.949.535,70

Recapitulation: WBIF Grant for TA component

No.	Own funds	Amount excl. VAT €
1.	IRD Engineering S.r.l.	1.294.186,46
TOTAL:		1.294.186,46

SUBSECTION IVAN - OVČARI	
TECHNICAL DESCRIPTION	
<p>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: Vrbljani, Badanj, Gajevo Bradina and Zukići and ends with a temporary connection to the trunk road M17 in Ovčari.</p>	
Financing	<p>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.</p>
Project documentation	<p>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.</p> <p>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.</p> <p>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 2023.</p>
Consents and permits	<p>Earlier the urban consent was obtained for the part of the alignment that was not changed.</p>
Land acquisition	<p>The expropriation procedure will be initiated after the declaration of public interest by the Government of the Federation of B&H.</p>
Procurement	<p>The procurement process will be initiated in accordance with the Lead IFI's rules once the conditions for initiating the procedure have been met.</p>

SUBSECTION OVČARI – (ENTRANCE TO TUNNEL) PRENJ	
TECHNICAL DESCRIPTION	
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.	
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 prepared as soon as the preparation of project documentation will get to its final stage</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 is in progress and conducting hydrogeological research. The planned deadline for the study is Q2 2022. On the section Ovčari - Entrance to the tunnel Prenj, the survey of the terrain and the construction of new geodetic bases are completed. Demining of the terrain in the part that was contaminated with mines and explosives was completed. Geo-exploration work on the complete section is in progress. At the same time, the existing Preliminary Design is being optimized and updated. The expected completion of the Preliminary design is Q2 2022. - 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 Q1 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 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. The request for a preliminary environmental impact assessment was submitted to the Federal Ministry of the Environment and Tourism and the prepared study documentation was disclosed to the public.</p> <p>The preparation of the Environmental Impact Study for the section Ovčari - Mostar North will commence after the Federal Ministry of Environment and Tourism issues a decision on the content and scope of the Environmental Impact Study.</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>The expropriation procedure will be initiated after the declaration of public interest by the Government of the Federation of B&H.</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>JPAC will apply for EU grant in the Seventh WBIF Call in 2022</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 Analysis and the accompanying studies will be implemented by the European Union Technical Assistance Program – Connecta. The preparation of the analysis and accompanying 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.</p> <p>The Consultant prepared the Request for Preliminary Environmental Impact Assessment and submitted it to JP Autoceste in February 2022. The request for a Preliminary Environmental Impact Assessment was submitted to the Federal Ministry of the Environment and Tourism and the prepared study documentation was disclosed to the public.</p> <p>The preparation of the Environmental Impact Study for the section Ovčari - Mostar North will commence after the FMET issues a decision on the content and scope of the Environmental Impact Study.</p> <p>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 construction works	Procurement procedure for Tunnel Prenj construction works is expected to commence in March 2023.
Procurement - Preparation of Preliminary design with elements of the Detailed design	Procurement is conducted in accordance with the international procedures through the Open procedure. The drafting of the call for expression of interest began in December 2021. Approval of the Bank on the Call for expressions of interest obtained from the EIB and the EBRD on December 23 rd 2021. The request for proposals was published on December 24 th 2021. After evaluating the applications, the Bank gave its consent to the Evaluation report on April 1 st 2022.
Preparation of Preliminary and Detailed design for preparatory works and preparation of tender documentation	Procurement is conducted according to international procedures through the Competitive procedure. The Bank's approval to the call for expressions of interest was obtained on February 3 rd 2022. After evaluating the applications, the evaluation report was submitted to the Bank for approval on 4 th April 2022.
Technical assistance during tendering of procurement procedure for construction works and supervision and monitoring of environmental and social issues	Public procurement is conducted according to international procedures through the Competitive procedure. The JP Autoceste's management board made the Decision on initiating the procedure in January 2022.
Procurement - Safety measures and fire protection measure services	Public procurement for Supervision Services is conducted in accordance with international procedures through the 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. (waiting for the consultant to sign the contract)

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 prepared as soon as the preparation of project documentation will get to its final stage</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. Due to conducting the hydrogeological research for which the selection of the Contractor is in progress, the planned deadline for the preparation of the Study is Q2 2022. Upon surveying geodesy and making new geodetic bases, the Preliminary Design was being corrected and the completion deadline was the end of January 2022. Since the correction of the alignment on the section tunnel Prenj, the completion deadline of the corrections to the project on the subsection tunnel Prenj - Mostar north has been extended. Geotechnical and geological exploration works are ongoing on the part of the subsection from the exit from the tunnel T4 to the interchange Mostar North. The demining of a suspicious area of mines in the southern part of the alignment (location of the hill Šljeme) is in the final phase and it is expected to be completed in Q2 2022. Upon the completion of the demining procedure, investigations will commence at that location. Research in the area of Kljenova Draga will be conducted after adopting the position of the alignment on the section Tunnel Prenj.</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. 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 FBiH and the necessary electrical consents were obtained. The Consultant prepared the Request for Preliminary Environmental Impact Assessment and submitted it to JP Autoceste in February 2022. The request for a Preliminary Environmental Impact Assessment was submitted to the Federal Ministry of Environment and Tourism and the prepared study documentation disclosed to the public.</p> <p>The preparation of the Environmental Impact Study for the section Ovčari - Mostar North will commence after the FMET issues a decision on the content and scope of the Environmental Impact Study.</p> <p>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>The expropriation procedure will be initiated after the declaration of public interest by the Government of the Federation of B&H.</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>JPAC will apply for EU grant in the Seventh WBIF Call in 2022</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>The repeated Call for expressions of interest for the preparation of Preliminary design and Detailed design was published on December 24, 2021 and the Call for the audit services for the Detailed design was published on 27th December 2021.</p>
Consents and permits	<p>The EBRD grant funds are financing the preparation of the Environmental Impact Study and other documents according to the EBRD's environmental and social policy. The contract consultant Enova d.o.o. Sarajevo will prepare the documentation.</p> <p>A Preliminary environmental impact assessment was submitted after which a decision on the scope and content of the Study was issued. The Environmental Impact Study was submitted to the Federal Ministry of Environment and Tourism. In February 2022, a public hearing was held regarding this issue.</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 B&H declared the public interest for the construction of the section Mostar North - Mostar South on Corridor Vc.</p>
Procurement for construction works	<p>The beginning of the procurement procedure for the section Mostar North - Mostar South is planned to launch in March 2022.</p>
Procurement - Preliminary and detailed design	<p>Procurement is conducted in accordance with international procedures through the Competitive procedure. After the first procurement procedure was annulled on December 23rd 2021, the Bank's approval for the invitation to express interest in the repeated procedure was obtained. The Call for expressions of interest was published on December 24th 2021. After evaluating the received applications, the Bank gave its approval to the Evaluation report on 1st April 2022.</p>
Procurement - Detailed design audit	<p>Procurement is conducted in accordance with international procedures through the Competitive procedure. After the first procurement procedure was annulled, the invitation to express the interest of the repeated procedure was published on 27th December 2021. The bank gave its approval to the Evaluation report on 1st April 2022.</p>

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.	
Financing	EBRD, Contract number 49058 (Tranche B) EU Grant, applied in the Sixth WBIF Call
Project documentation	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.
Consents and permits	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 14 th September 2020 in Mostar. On February 17 th 2020, the Federal Ministry of Environment and Tourism issued the Environmental permit. On 18 th 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.
Land acquisition	The City of Mostar is responsible for the expropriation procedure. The expropriation procedure was initiated on 29 th January 2019. 314 plots out of total 383 plots were expropriated and 205 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 the decision of the Federal government of early entry in possession.
Procurement - Contractor for construction works	Public procurement for works is conducted in accordance with international procedures through the Open procedure without prequalification. The Bank gave its approval to the tender documentation on 23 rd December 2020 and on the same day the tender was announced. Submission deadline of bids is postponed to 22 nd March 2021. Bid evaluation is in progress.
Procurement - Supervision consulting services	Public procurement for Supervision Services is conducted in accordance with international procedures through the Competitive procedure. The request for proposals was published on October 21 st 2020. The deadline for submission of bids was 7 th December 2020. The Bank approved the Evaluation report on 28 th February 2022. A Notice to applicants regarding the short - list was submitted on 2 nd March 2022.

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 grant: in the Fifth WBIF Call a grant in the amount of 20% of the investment was approved and for an additional 20% was applied and in the Sixth WBIF Call
Project documentation	Preliminary design is completed. In 2022, JP Autoceste intends to prepare a detailed Preliminary design for this section. 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 one case the decision of the Federal government of early entry in possession. The completion of expropriation on the complete subsection is 100%.
Procurement - Contractor for construction works	The procurement is conducted in accordance with the international procedures through the Open procedure. The procurement procedure is in progress. The invitation to submit bids was published in December 2019. The deadline for submission of bids was May 19 th 2020. The evaluation of the technical bids is completed. The Bank approved the Technical Evaluation Report on February 26 th 2021. The draft Evaluation Report was sent to the Bank on 16 th November 2021. On 25 th March 2022, JP Autoceste's management board made the Decision to annul the procurement procedure no: 01-2173/22.
Procurement - Supervision consulting services	The public procurement for supervision services was conducted in accordance with international procedures through the Competitive procedure. The Contract was signed on 14 th October 2020 with the company Proyapi in the value of EUR 4.485.169,23 excl. VAT.
Procurement - Technical assistance to the PIU	The public procurement for technical assistance to the Project Implementation Unit was conducted in accordance with the international procedures through the Competitive Procedure. The Contract was signed on 12 th April 2021 with the company Technital S.p.A. - Italy. The value of the contract 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, it is planned that 5 high-voltage power lines will be 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
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 an extension of 126 days
	Addendum no. 3 was signed on November 10 th 2021 with 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
Duration of contract	63 months
Addendums	Addendum no. 1 has been signed 22.09.2020 with extension of time at 51 months in total and contract value of EUR 2.154.800,70 including VAT
	Addendum no. 2 has been signed 23.12.2021 with extension of time at 63 months in total and contract value of EUR 2.564.252,73 including VAT
ACTIVITIES ON CONSTRUCTION SITE IN THE REPORTING PERIOD	
Description of construction works	The works were completed on October 27, 2021. According to the contract, the Contractor has the obligation to eliminate the defects that appear or that are noticed in the warranty period until 27 th October 2023.
	<p>The section Buna - Počitelj will be put into operation after the construction of the section Tunnel Kvanj - Buna. Considering that the validity of the technical inspection lasts 90 days, and that:</p> <ul style="list-style-type: none"> - section Buna - Počitelj is not connected to the electricity network, - traffic monitoring and control devices are not installed either

	- the section cannot be linked to the COKP, JP Autoceste will submit a request for technical inspection and obtain Use permit after the complete equipping of the section, ie. when it can be put into operation.
Number of employees	January: 5 February: 4 March: 4
Number of subcontractors	January: - February: - March: -
PAYMENTS FOR WORKS IN THE REPORTING PERIOD	
Interim payment certificate (IPC)	No payments have been made
Amount paid in Q1	No payments have been made
Recapitulation of payments for construction works	20.224.144,21 EUR excl. VAT
PAYMENTS FOR SUPERVISION IN THE REPORTING PERIOD	
Interim payment certificate (IPC)	39. PS in the amount of 218.867,09 excl. VAT
	40. PS in the amount of 30.799,62 EUR excl. VAT
	41. PS in the amount of 19.170,77 EUR excl. VAT
Amount paid in Q1	268.837,48 EUR excl. VAT
Recapitulation of payments for supervision	2.110.547,48 EUR 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: own funds

No.	Own funds	Amount excl. VAT €
1.	Hering d.d.	2.694.253,48
TOTAL:		2.694.253,48

Note: A part of construction works costs have been paid from JPAC's own funds in order to enable subsequent cost reimbursement from the WBIF grant which will be implemented through the EBRD.

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 kilometers 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

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

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.

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	Addendum no. 1 signed on 27 th November 2018 due to changes related to the introduction of BAM as the currency of payment

ACTIVITIES ON CONSTRUCTION SITE

Description of construction works LOT 1	LOT1: Main Alignment, Embankment works; Excavations in Cuts and sidecuts; Subgrade layer; works on Subbase, cement stabilized 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, Relocation of Regional road R425a; Connection roads from the Motorway to Main Road M17 and M6; Construction of foundation for Noise protection barriers, Tunnel Počitelj - works on Subbase, cement stabilized base and asphalt works, Works on
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	Structures: Bridge M4, Bridge M2- Installation of cement concrete bored piles Bridge M3- Installation of cement concrete bored piles, Culverts, Underpasses Počitelj and Gradina, 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.		
Description of construction works LOT 2	Foundations S1, S2, S3, S4, S5 - completed, Piers-S2, S3, S4, S5 - completed, Abutment U1- completed, Passage over Railways for access to pier place S6 – completed; Pier S1- 12 campades of 19 completed; Segment base S2 bottom slab and side walls completed, upper slab on going, Segment base S5- bottom slab and side walls completed, upper slab- no works, S3 and S4- superstructure- 8 span of 15 spans- completed, ninth span – works on going, Excavations of the foundation for S6 – on going.		
Current issues on project implementation and mitigation measures LOT1	Issues: <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 Mitigation measures: <ul style="list-style-type: none"> - Letter to the Contractor Head Office to intensify work. Contractor has changed to a higher 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. 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. 		
Current issues on project implementation and mitigation measures LOT2	Issues: Serious delays on superstructure works. Lack of resources – understaffing. Main contractor is still not engaged on construction of the superstructure. Mitigation measures: 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 does not allow subcontracting of the superstructure. Several meetings were held between JPAC'S management board and the Contractor. In his letter issued 18 th March 2022, the Contractor committed to engage two extra pairs of form travelers for the construction of superstructure.		
Number of employees LOT 1	January: 304	February: 304	March: 304
Number of subcontractors LOT 1	January: 8	February: 6	March: 8
Number of employees LOT 2	January: 47	February: 45	March: 70

Number of subcontractors LOT 2	January: 3 February: 3 March: 3
PAYMENTS FOR WORKS IN THE REPORTING PERIOD	
Interim payment certificate (IPC) LOT1	25. IPC in the amount of EUR 1.174.497,74 excl. VAT
	26. IPC in the amount of EUR 661.507,51 excl. VAT
Amount paid in Q1 - LOT 1	EUR 1.836.005,25 excl. VAT
Interim payment certificate (IPC) LOT 2	23. IPC in the amount of EUR 288.188,50 excl. VAT
	24. IPC in the amount of EUR 374.479,93 excl. VAT
Amount paid in Q1 - LOT 2	EUR 662.668,43 excl. VAT
Recapitulation of payments for construction works	EUR 46.090.432,72 excl. VAT
PAYMENTS FOR SUPERVISION IN THE REPORTING PERIOD	
Interim payment certificates (IPC)	27. IPC in the amount of EUR 130.991,60 excl. VAT
	28. IPC in the amount of EUR 127.579,50 excl. VAT
	29. IPC in the amount of EUR 121.587,50 excl. VAT
Amount paid in Q1	EUR 380.158,60 excl. VAT
Recapitulation of payments for supervision	EUR 3.460.701,74 EUR excl. VAT
PAYMENTS FOR TA IN THE REPORTING PERIOD	
Interim Payment Certificate (IPC)	14. IPC in the amount of EUR 14.465,00 excl. VAT
Amount paid in Q1	EUR 14.4650,00 excl. VAT
Recapitulation of payments for TA	EUR 266.123,61 excl. VAT

Recapitulation: EIB loan no. 83.975

No.	EIB loan no. 83.975	Amount excl. VAT €
1.	China State Construction Engineering Corporation Ltd	32.262.268,01
2.	JV: AzVIRT I.I.C (Azerbejdžan), Sinohydro Corporation Ltd. (Kina) and Power China Road Bridge Group Co.Ltd. (Kina)	13.828.164,71
3.	JV: IPSA d.o.o and VCE	266.123,61
TOTAL:		46.356.556,33

Recapitulation: own funds

No.	Own funds	Amount excl. VAT €
1.	IRD ENGINEERING S.R.I.	3.460.701,74
TOTAL:		3.460.701,74

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 through 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

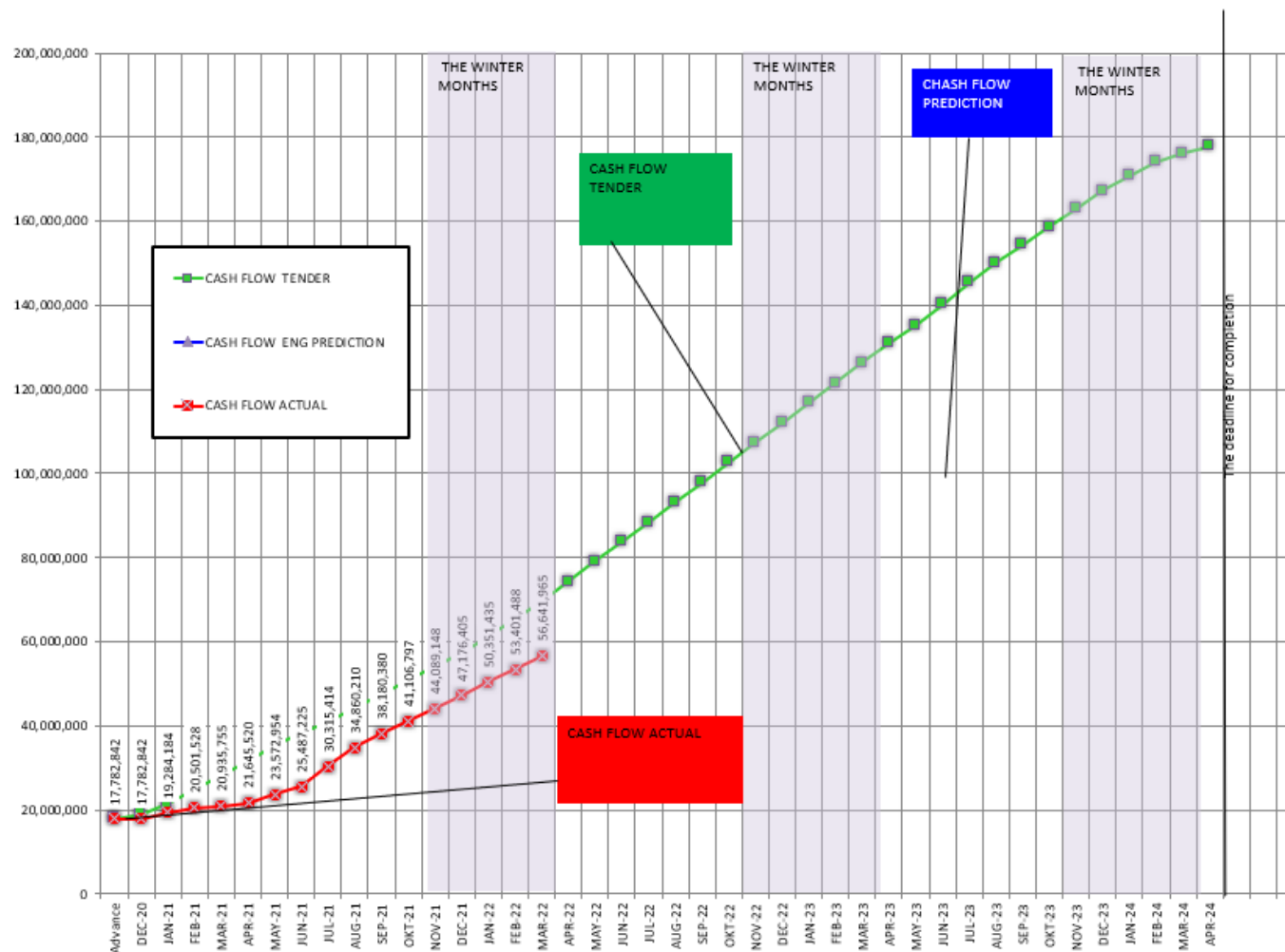
Construction progress and cash flow for construction projects

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	97,94%	
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	32,82%	Works in progress
5.	Golubinja Tunnel	880	07.12.2021	55.05.2024	14,61%	Works in progress
6.	Bridge Golubinja 1 with Ramp of Interchange (Golubinja3)	810	07.12.2021	25.02.2024	26,93%	Works in progress
7.	Bridge Golubinja 2	705	20.02.2022	26.01.2024	35,98%	Works in progress
8.	Bridge Bosna 1	620	07.12.2021	19.08.2023	90,00%	Construction of the bridge is completed
9.	Bridge Bosna 2 (Kovanići)	630	26.05.2022	15.02.2024	85,71%	Construction of the bridge is completed
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	22,56%	Works in progress
11.	Bridge over River Željeznica	310	02.12.2022	30.07.2023	0%	
12.	Construction and relocation of utilities	819	15.02.2022	14.05.2024	30,06%	

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

Paprikuše-Nemila



Flow Chart 1. Poprikuše - Nemila

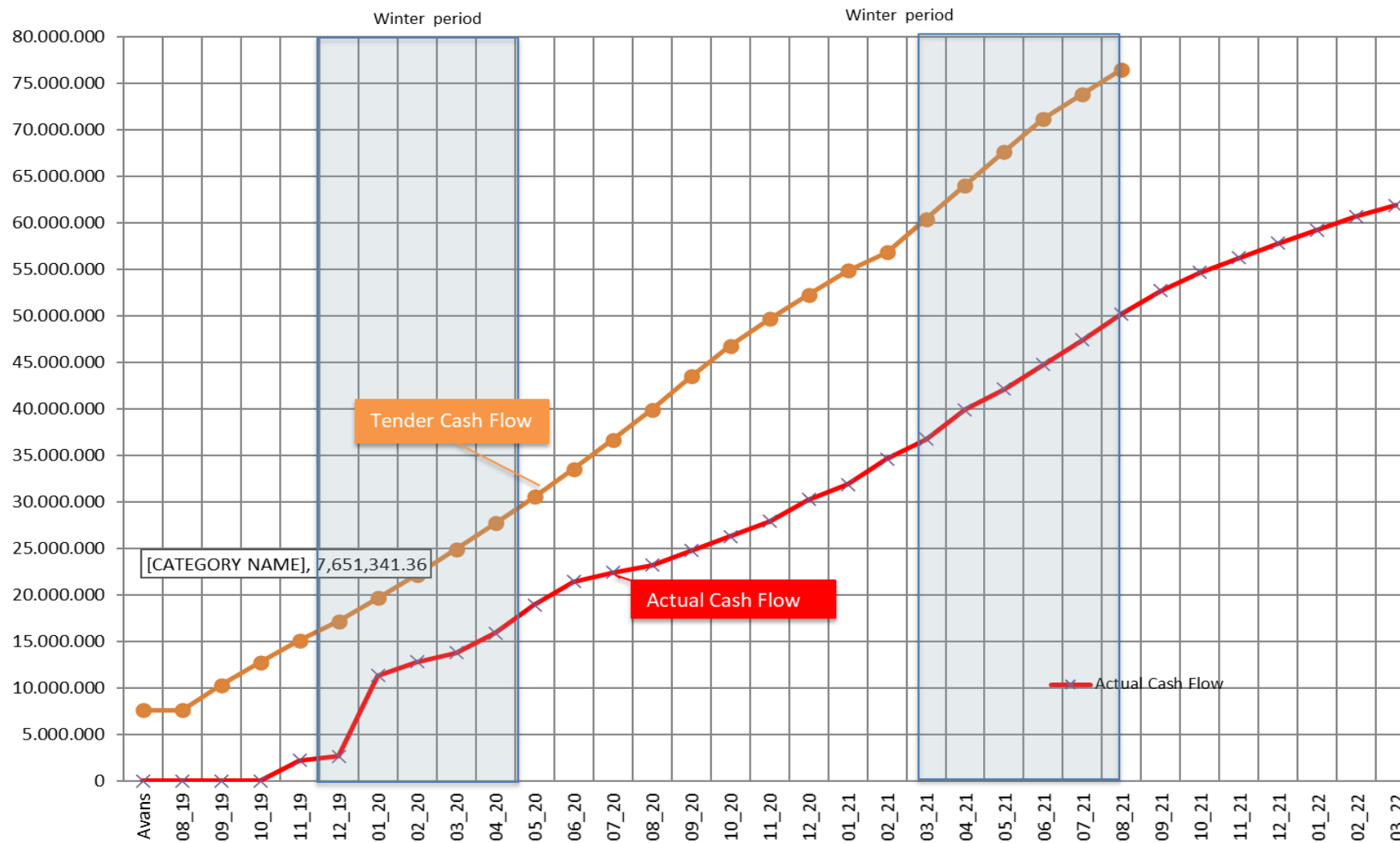
Section Vranduk – Ponirak

No.	ID	Description of Works	Duration (months)	Commencement	Completion Time	Completed %	Status of Works Under Construction
1		ALIGNMENT					
	A	Motorway Alignment	23	23-Sep-19	17-Aug-21	12,5 %	Works at Sector 4a (645 meters length) have been continuing by new Design At Sector 4b (275 meters length) works have been continued by new Design The works at Sector 5 (138 meters) are suspended because different geological conditions The explorations at Sector 2 (175 meters) showed new geological conditions
2	B	OTHER ROADS AND TRAFFIC SURFACES	23	28-Sep-19	18-Jul-21	38,00 %	Disposal of excavated materials at landfills.
3	D	DRAINAGE AND WATER PROTECTION SYSTEMS	12	2-Jul-20	22-Jul-21	2,1 %	
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	80,7 %	Works in progress
	F	Culverts				60%	Works in progress
	F	Underpass					
	F	Retaining Walls					
	F	Tunnels	23	19-08-19	10-07-21	95,2 %	Works 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				171,2 %	
	VO-6	Main Road protection				100,00 %	
	VO-7	Variation Order for works in Sector 4a				89,14 %	Works in progress
	VO-8	Works on rehabilitation of local roads				101,30 %	

	VO-9	Alternative landfill "Malinjak" for excavated material during the project				45,27 %	Landfill "Malinjak 1" has been finished and closed. The Employer has given order for design of a new Landfill Malinjak 2
	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				105,4%	Works completed
	VO-18	Works for redesigned Sector 5				21,72%	The works at Sector 5 are suspended because different geological conditions
	VO-19	Rehabilitation of retaining walls at Varošište settlement				91,6%	Works completed
8		DEDICATED RETENTION MONEY					
	VO-1	Cost of developing and updating BIM models				75,1 %	
	VO-2	Cost of Design Supervision				105,1 %	
	VO-5	External quality control				49,53 %	

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

Cash Flow

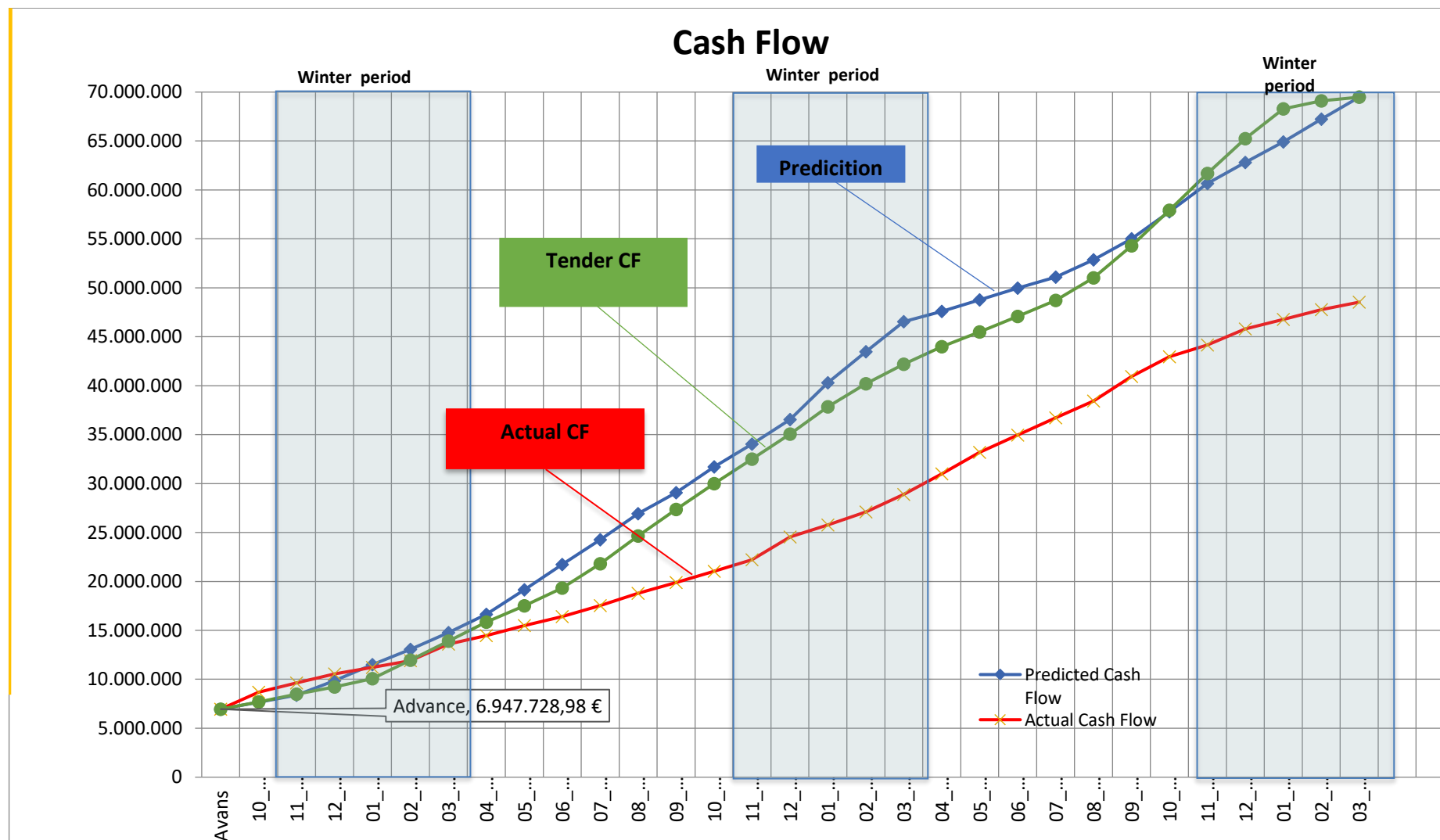


Cash Flow Chart 2. Vranduk - Ponirak

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 started
2	LOCAL ROADS	2	11.11.2019.	03.01.2020	37,74	Currently not under construction
3	DRAINAGE AND WATER PROTECTION SYSTEM	3	19.06.2021.	29.09.2021.	0	Not started
4	EQUIPMENT AND SIGNALISATION	10	19.06.2021.	09.04.2022.	0	Not started
5	ENGINEER'S CONSTRUCTIONS AND STRUCTURES					
	Tunnel Zenica	27	11.11.2019	27.02.2022.	62,00	Ongoing
	Culverts	4	14.04.2020.	14.08.2020	81,30	Currently not under construction
	Underpass	4	14.04.2020.	14.08.2020	0	Not started
	Retaining wall	2	14.02.2020.	13.04.2020	0	According to New Construction Permit will not be constructed
6	INSTALLATIONS	7	28.09.2021.	04.04.2022	0	Not started

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

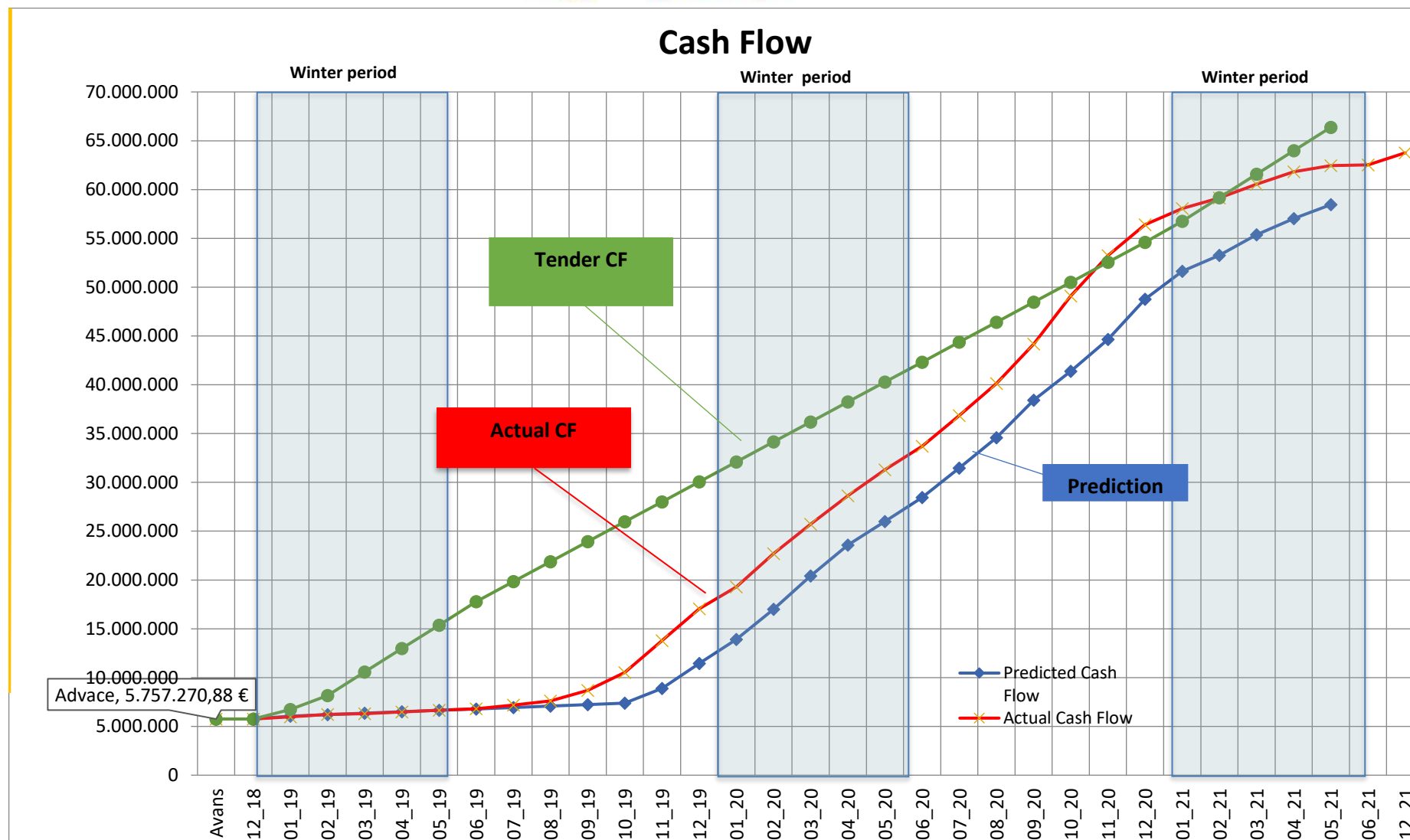


Cash Flow Chart 3. Ponirak - Vraca

Subsection Donja Gračanica (Zenica North) - Tunnel Zenica

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

Table 4. Progress of construction works on subsection Donja Gračanica (Zenica North) - Tunnel Zenica



Cash Flow Chart 4. Donja Gračanica (Zenica Sjever) - Tunnel Zenica

Subsection Klopče – Donja Gračanica

No.	Work description	Duration (days)	Start	Deadline	Completion %	Status of construction works
1	MOTORWAY ALIGNMENT	1632	01.06.2016	18.11.2020	100	Completed
2	LOCAL ROADS	1709	01.06.2016	28.02.2021	100	Completed
3	DRAINAGE AND WATER PROTECTION SYSTEM	1632	01.06.2016	18.11.2020	100	Completed
4	EQUIPMENT AND SIGNALISATION	1632	01.06.2016	18.11.2020	100	Completed
5	BRIDGES				100	Completed
	Viaduct Klopče				100	Completed
	Viaduct Klopačke Stijene	1034	01.06.2016	30.03.2019	100	Completed
	Bridge Babina Rijeka with Annex	1156	01.06.2016	31.07.2019	100	Completed
	Viaduct Pehare	1709	01.06.2016	28.02.2021	100	Completed
	Viaduct Ričice	1632	01.06.2016	18.11.2020	100	Completed
	Bridge Drivuša	1632	01.06.2016	18.11.2020	100	Completed
6	TUNNELS				100	Completed
	Artificial tunnel Klopče	1632	01.06.2016	18.11.2020	100	Completed
	Tunnel Ričice	1632	01.06.2016	18.11.2020	100	Completed
	Tunnel Pečuj	1632	01.06.2016	18.11.2020	100	Completed
7	RELOCATION OF UTILITY	1632	01.06.2016	18.11.2020	100	Completed
8	REGULATION OF WATERCOURSE	1632	01.06.2016	18.11.2020	100	Completed
9	ENGINEER'S CONSTRUCTIONS AND SMALLER STRUCTURES				100	Completed
	Underpass at km 4+063	1632	01.06.2016	18.11.2020	100	Completed
	Retention walls and smaller structures	1632	01.06.2016	18.11.2020	100	Completed

Table 5. Progress on construction works on Subsection Klopče – Donja Gračanica

Subsection Drivuša – Klopče

No.	Work description	Duration (months)	Start	Deadline	Completion %	Status of construction works
1	ALIGNMENT					
	New alignment	42	10.10.2014.	15.03.2018.	100	Completed
2	LOCAL ROADS	36	29.03.2015.	15.03.2018.	100	Completed
3	DRAINAGE AND WATER PROTECTION SYSTEM	41	11.10.2014.	25.02.2018.	100	Completed
4	EQUIPMENT AND SIGNALISATION	3	02.12.2017.	15.03.2018.	100	Completed
5	ENGINEER'S CONSTRUCTIONS AND STRUCTURES					Completed
	Underpass at km 1+552	24	04.04.2015.	24.03.2017	100	Completed
	Slope protection	33	25.06.2015.	15.03.2018	100	Completed
6	BRIDGES					Completed
	Bridge Drivuša	36	20.10.2014.	29.09.2017.	100	Completed
	Viaduct Perin Han	34	05.12.2014.	02.09.2017.	100	Completed
7	RELOCATION OF UTILITIES	30	10.10.2014.	25.03.2017.	100	Completed
8	REGULATION OF WATERCOURSE	31	27.02.2015.	24.03.2017.	100	Completed

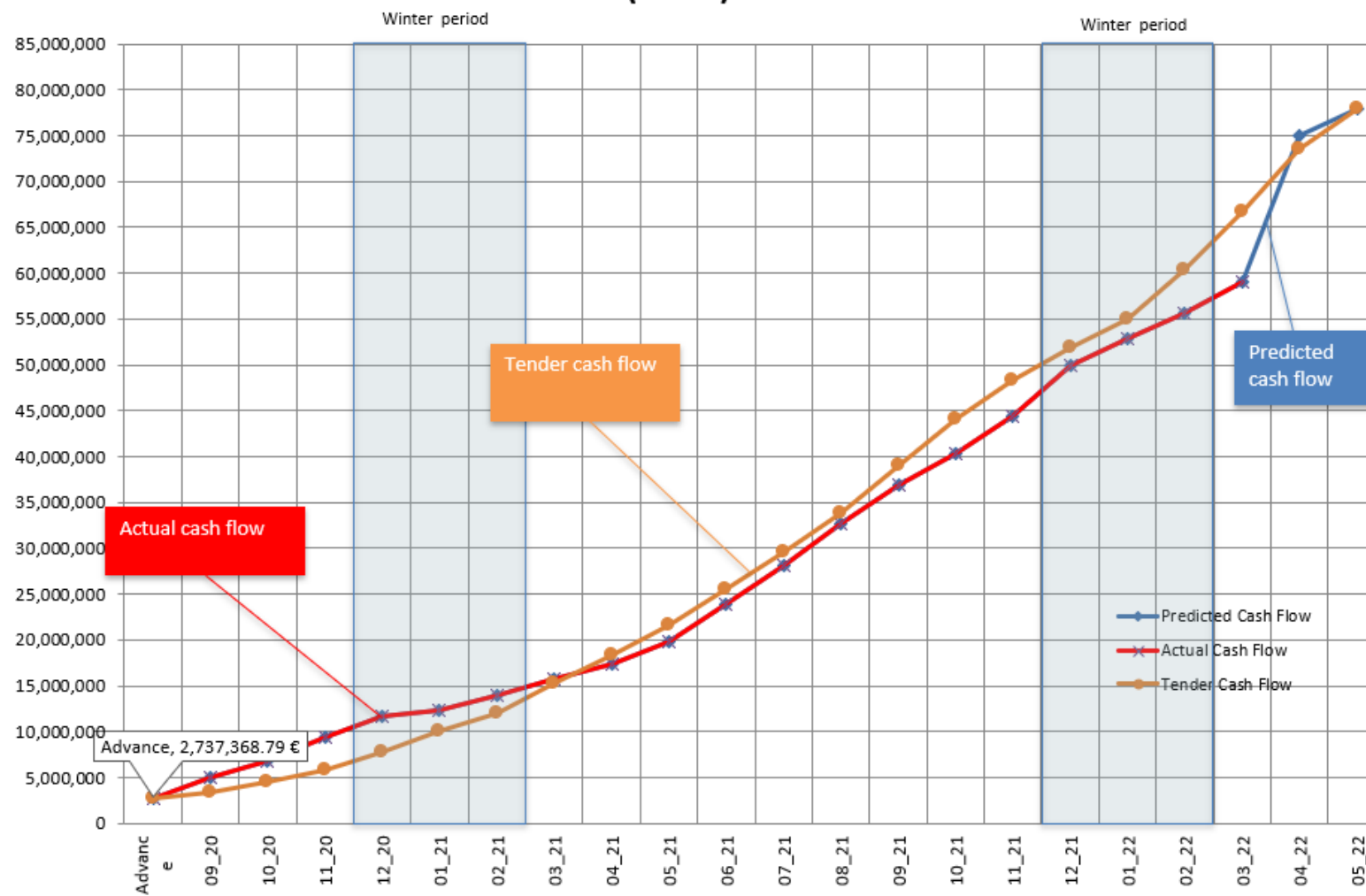
Table 6. Progress of construction works on subsection Drivuša - Klopče

Section Tarčin – Ivan: LOT 1

No.	Work description	Duration (days)	Start	Deadline	Completion %	Status of construction works
1.	Motorway alignment	507	8/31/2020	4/23/2022	77,73%	Works behind according to RoW rev.1
2.	Other roads and traffic areas	230	8/4/2021	4/30/2022	40,08%	Works behind according to RoW rev.1
3.	External and internal drainage	156	9/24/2021	3/28/2021	37,96%	Works behind according to RoW rev.1
4.	Traffic signalization and equipment	344	3/15/2021	4/25/2022	0,00%	Works behind according to RoW rev.1
5.	Structures (engineering structures)	577	10/1/2020	4/30/2022	83,00%	Works behind according to RoW rev.1
	Bridge 1. - Raštelica 1	516	12/1/2020	4/30/2022	84,66%	Works behind according to RoW rev.1
	Brdige 2. – Raštelica 2	440	10/1/2020	4/12/2022	84,63%	Works behind according to RoW rev.1
	Culvert pv 1 on p 4	84	1/9/2021	4/17/2021	59,99%	Works behind according to RoW rev.1
	Culvert on p 33	84	4/19/2021	7/28/2021	75,28%	Works behind according to RoW rev.1
	Passage on main road - pv3	84	7/29/2021	11/3/2021	0,00%	Works behind according to RoW rev.1
	Retaining walls	401	12/15/2020	4/5/2022	87,98%	Works behind according to RoW rev.1
	Propusti	400	11/27/2020	3/18/2022	68,41%	Works behind according to RoW rev.1
6.	Installations	341	3/15/2021	4/21/2022	48,59%	Works behind according to RoW rev.1
7.	Landscape design of traffic areas and other contents and toll station	66	2/14/2022	4/30/2022	0,00%	
8.	Other projects	344	3/15/2021	4/25/2022	15,05%	
9.	Documentation and additional works	610	8/31/2020	5/2/2022	43,54%	
10.	Indirect costs	610	8/31/2020	5/2/2022	81,27%	
11.	Provisional sums:	610	8/31/2020	5/2/2022	17,42%	

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

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



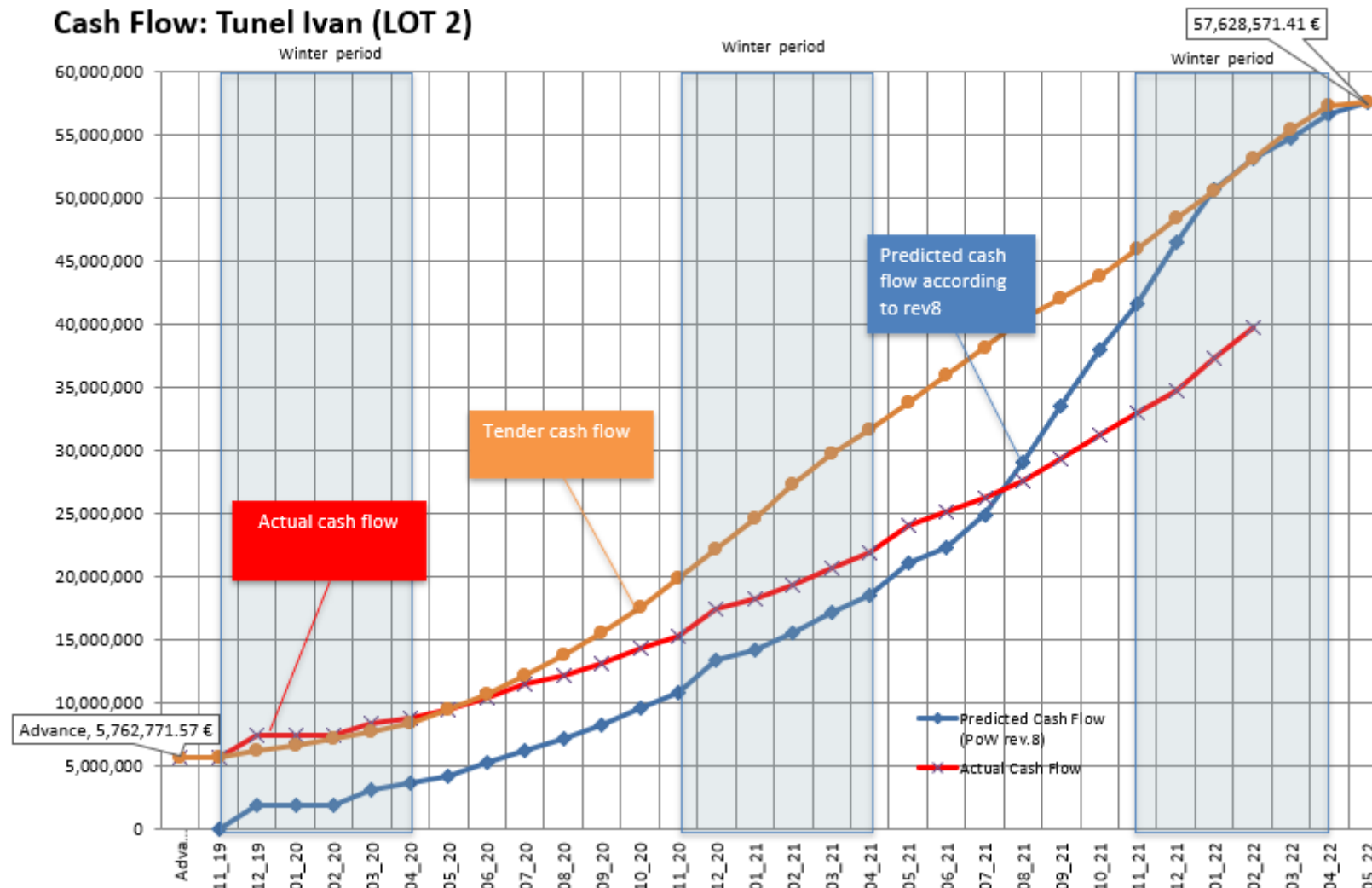
Cash Flow Chart 6. Tarčin – Ivan: LOT 1

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 %	Ongoing
2.	Other roads and traffic areas	30	20.11.2019	25.04.2022	52,91 %	Ongoing
3.	External and internal drainage	30	18.01.2021	31.12.2021	9,63 %	Ongoing
4.	Traffic signalization and equipment	30	03.08.2021	13.05.2022	8,84 %	Ongoing
5.	Structures (engineering structures)	30	23.11.2019.	10.05.2022.		
	Hydro - technical facility on the stream Sirovica	30	04.05.2020.	24.10.2020.	101.86%	Finished
	Tunnel 1. - Ivan	30	23.11.2019.	23.05.2022.	77,04 %	Ongoing
	Bridge Bradina	30	06.05.2020.	01.09.2020.	114.31%	Finished
6.	Installations	30	04.12.2021.	11.05.2022.	7,49 %	Ongoing
7.	Landscape design of traffic areas and other contents and toll station	30	14.10.2021.	13.05.2022.	0.00 %	The works will start after the conditions are met
8.	Other projects	30	06.04.2020	29.04.2020	73.64 %	Ongoing
9.	Documentation and additional works	30	23.11.2019.	10.05.2022.	34,02 %	Ongoing
10.	Indirect costs	30	23.11.2019.	25.05.2022.	80,95 %	Ongoing
11.	Provisional sums:	30	23.11.2019.	25.05.2022.	29,61 %	Ongoing

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

Cash Flow: Tunel Ivan (LOT 2)



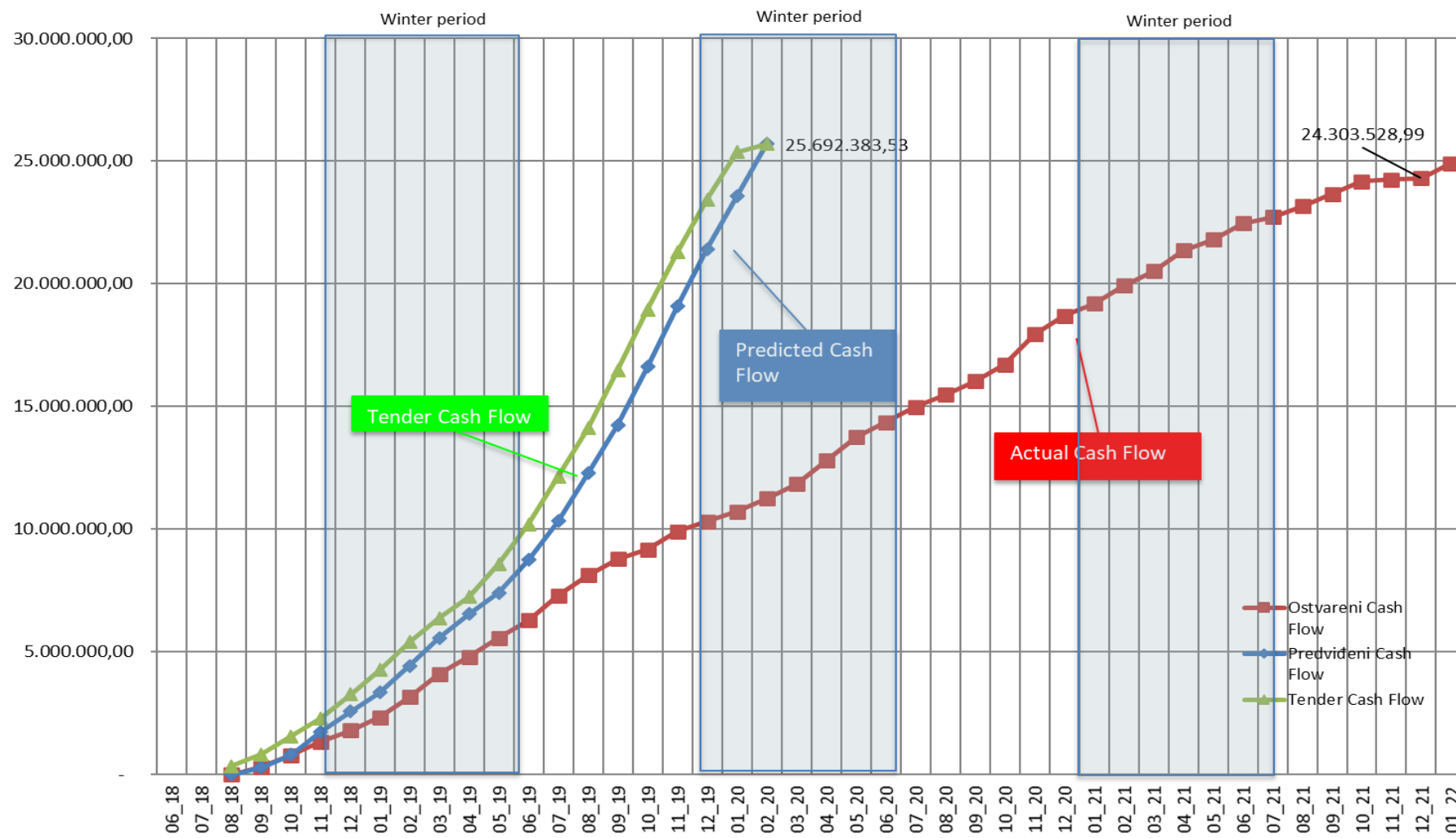
Cash Flow Chart 7. Tunnel Ivan LOT 2

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 , BUNA - POČITELJ



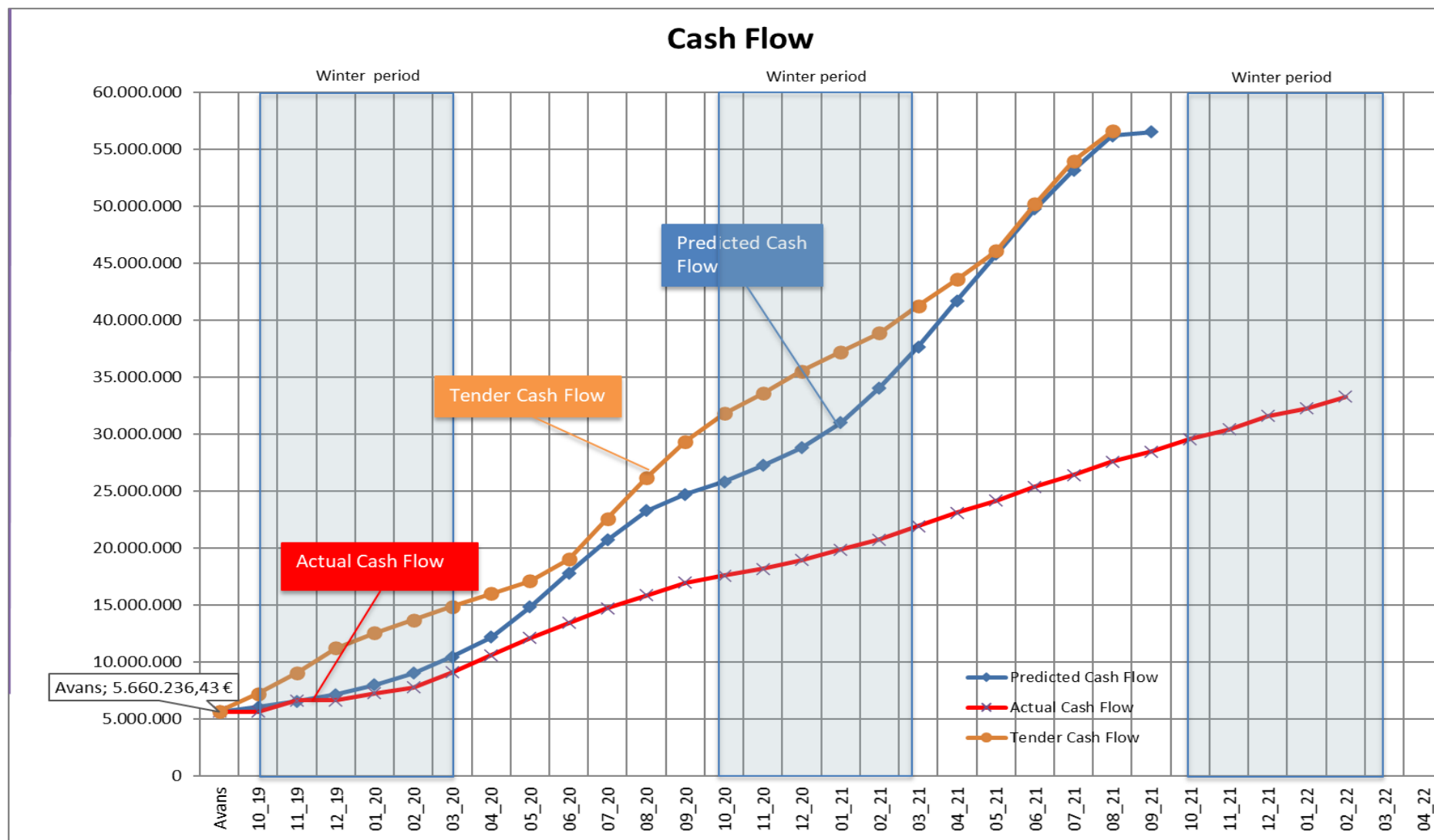
Cash Flow Chart 8. Buna - Počitelj

Subsection Počitelj – Zvirovići

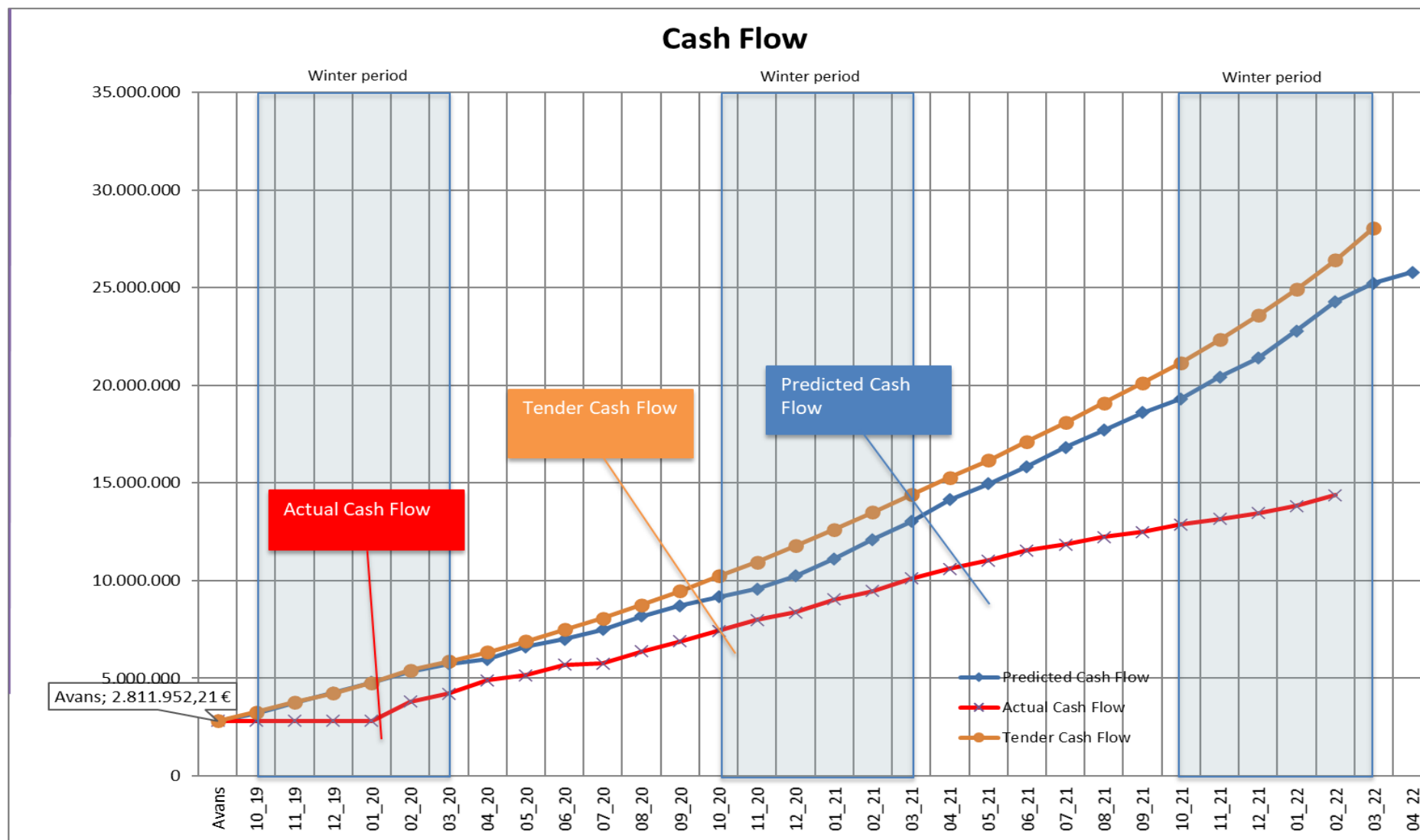
No.	ID	Work description	Duration (months)	Start	Deadline	Completion %	Status of construction works
		LOT 1 - SECTION 1					
1		MAIN ALIGNMENT AND INTERCHANGES	21,5	12.11.2019	01.12.2021	89,86%	On going
2		OTHER ROADS AND TRAFFIC AREAS	27,6	01.1.2020	23.8.2022	38,85%	On going
3		EXPLORATORY AND GEOTECHNICAL 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	81,53%	On going
5		TRAFFIC SIGNALIZATION AND EQUIPMENT	20,5	28.8.2020	17.8.2022	18,23%	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	71,49%	On going
8		ARCHITECTURAL AND LANDSCAPING	12,3	5.12.2020	17.12.2021	14,61%	On going
		LOT 1 - SECTION 2					
1		MAIN ALIGNMENT	33,5	26.9.2019	28.11.2022	69,77%	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	67,89%	On going
5		TRAFFIC SIGNALIZATION AND EQUIPMENT	11,0	31.8.2021	28.9.2022	27,68%	On going
6		STRUCTURES:					
	6,1	Bridge M2	7,7	9.5.2020	26.12.2020	2,0%	On going
	6,2	Bridge M3	3,6	21.1.2020	8.5.2020	0,00%	The works have not started
	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		36,12%	On going

8		ARCHITECTURAL AND LANDSCAPING	31.12.2021	19.9.2022		0,00%	The works have not started
9		OTHER PROJECTS	25.2.2021	22.5.2021		10,00%	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	2,50%	On going
2		TRAFFIC SIGNALIZATION AND EQUIPMENT	2,8	21.12.2021	14.3.2022	00%	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	84,00%	foundation construction S1,S2, S3, S4, S5-completed. construction of piers S2,S3, S4, S5-Completed, Construction of pier S1- on going U1 abutment-Completed construction of the access roads to S6-completed S6- Excavation works -on going
		Super-structure (64%)	16,2	29.10.2020	26.2.2022	9,00%	Span Construction -Base Segment S3 and S4- completed 100%, Base segment S5 – completed 70%, Base segment S2- completed 100%,S3 and S4 – Super-structure- 8 span of 15 spans completed, ninth span- works 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