



BOSNIA AND HERZEGOVINA
THE FEDERATION OF BOSNIA AND HERZEGOVINA

JP Autoceste FBiH d.o.o. Mostar

PROJECT PROGRESS REPORT
As of 31st December, 2017

Project:
CONSTRUCTION OF MOTORWAYS IN THE FEDERATION
OF B&H

Mostar, January 2018

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1. INTRODUCTION

Public company Motorways of Federation of Bosnia and Herzegovina Ltd. Mostar (hereinafter called: JP Autoceste FBiH) was established by the Law on Roads of the Federation of Bosnia and Herzegovina on 1st January, 2011. The authorities and scope of business operations are defined by the Law on roads of the Federation of BH, the Law on the motorway on Corridor Vc, the Law on Business Companies, and the Law on Public Companies in the Federation of BH and other laws and regulations, which the JP Autoceste FBiH became the holder and the implementer of the realization of very complex and important project for the construction part of the international highway corridor Vc, which connects Eastern and Central Europe with the Mediterranean coast.

Project description

At the second Pan-European Conference on Transport, held in Crete in 1994, the European Union has defined the priorities of the Union in the field 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 to ten and made changes. One of those changes was the introduction of Corridor Vc (Budipešta - Osijek - Sarajevo - Ploče) in the basic European transport network.

Corridor Vc is multimodal road corridor that connects Hungary Budapest to Ploče (Croatia), via Osijek (Croatia) and Sarajevo (Bosnia and Herzegovina), it is also the largest project of transport infrastructure in Bosnia and Herzegovina with a total length of about 340 km. The construction of the highway Corridor Vc enhances connectivity of BiH with neighboring countries and enhances the potential for economic development. The project has strong support from the Government of the Federation of Bosnia and Herzegovina, and is expected to enable Bosnia and Herzegovina, better integration with the European economic and social structures in Europe.

Corridor Vc in Bosnia and Herzegovina consists of four main sections (in official documents named as "Lots"), as follows:

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

So far there have been constructed and open to traffic 92 km of the motorway on Corridor Vc referring to the following sections:

- ✓ Kakanj - Zenica South
- ✓ Zenica South – Sarajevo North
- ✓ Sarajevo North - Sarajevo West

- ✓ Sarajevo West- Tarčin
- ✓ Zvirovići - Bijača



Map of motorways and expressways in Bosnia and Herzegovina

2. LOAN AGREEMENTS

In order to create a stable funding, Public company Motorways of Federation of Bosnia and Herzegovina Ltd. in the past period spent the loan funds from the following credit lines:

- The loan of the European Bank for Reconstruction and Development (EBRD) in the amount of 205 million EUR;
- The loan of the European Investment Bank (EIB) in the amount of 75 million EUR and
- The loan of the European Investment Bank (EIB) in the amount of 166 million EUR.

Also, in the previous period (November 2009) the loan agreement was concluded with the Kuwait Fund for Arab Economic Development (KFAED) in the amount of 10.5 million KWD (Kuwaiti dinars). The construction of the motorway **section Donja Gračanica - Drivuša, subsections Drivuša - Klopče** has been financed by this loan.

In addition to the current loan arrangements JP Autoceste FBiH has initiated and other activities related to the providing necessary financial resources from international financial institutions such as:

- The loan from the **OFID - OPEC** Fund for International Development providing the funds in the amount of approximately **60 million EUR** (48 million USD and 24 million EUR) to finance the construction of **subsection Klopče - Donja Gračanica**. The procedure of obtaining the loan is completed. Loan funds became effective as of April 6th 2016.
- The loan from the **OFID - OPEC** Fund for International Development in the amount of **49 million EUR** for co-financing the construction of the **subsection Nemila - Donja Gračanica: Lot 2. Vranduk - Ponira**. The procedures of credit borrowing are still in progress. By concluded the Government of the Federation of BiH, the effectiveness of the loan is conditioned by the increase of the tax on fuel.
- The loan from the **KFAED** in the amount of **36 million EUR** for co-financing the construction of the **subsection Nemila - Donja Gračanica lot 3. Nemila - Vranduk**. The procedures of credit borrowing are completed. By concluded the Government of the Federation of BiH, the effectiveness of the loan is conditioned by the increase of the tax on fuel.
- The loan from the **EBRD** in the amount of **80 million EUR** in order to finance the construction of subsections **Donja Gračanica (Tunnel Pečuj) - Tunnel Zenica and Buna - Počitelj**. The loan agreement between the EBRD and Bosnia and Herzegovina was signed in December 2015. The procedures of credit borrowing are completed. The condition of effectiveness of loan funds was the increase the excise tax on fuel.

- The loan from the **EBRD** in the amount of **76 million EUR** for co-financing the construction of Phase II of the **section: Svilaj - Odžak, and subsection Klopče - Donja Gračanica (Tunnel Pečuj)**. The procedures of credit borrowing are

completed. The condition of effectiveness of loan funds was the increase the excise tax on fuel.

- The loan from the **EIB** in the amount of **100 million EUR** for the construction of the motorway **subsection Počitelj - Zivrovići**. The procedure of obtaining the loan is completed. Loans funds are effective.
- The loan from the **EIB** in the amount of **50 million EUR** for co-financing the construction of **the subsection Nemila - Donja Gračanica: Lot 1a Tunnel Zenica. Management Committee of EIB approved loan funds**. The further procedures of credit borrowing are still in progress. By concluded the Government of the Federation of BiH, the effectiveness of the loan is conditioned by the increase of the tax on fuel.
- The loan from the **EIB** in the amount of **100 million EUR** for co-financing the section: **Mostar South - Buna, subsection Buna - Tunnel Kvanj**. The further procedures of credit borrowing are still in progress. By concluded the Government of the Federation of BiH, the effectiveness of the loan is conditioned by the increase of the tax on fuel.

3. PROCUREMENT PLAN

JP Autoceste FBiH has prepared an expected procurement plan. The estimated values are planned, but real values will be determined after completion of the main project and tender procedures. Please consider that the contract values and changes in the values of contracts occur according to the signed Addendums which are given in detail under **Chapter 6**. The table below presents the data on sections that are under construction, the sections that are at the stage of tendering and sections that have been planned for tendering.

Values are given in 000 EUR

No.	Description	Estimated	Financed by	Financed by others	Contract	Contract	Procurement	Tender	Contract	Contract
		Contract Value	EBRD/EIB/KFAED/OPEC	Investor	Amount including VAT	Type	method	Invitation month/year	Award month/year	Completion month/year
1.	Svilaj (northern border with Croatia) - Odžak motorway project	1.500		MKTBiH		Design	Competitive	Aug-07	Feb-08	Aug-11
2.	Svilaj (northern border with Croatia) - Odžak supervision services of construction	I phase 3.000	EIB		3.204	Supervision	Competitive	Nov-11	Sep-13	Nov-16 ¹
		II phase 1.500	EBRD		1.186	Supervision	Direct contacting	Feb-17	Mar-17	Dec-19
3.	Svilaj (northern border with Croatia) - Odžak construction works	31.000	EIB		85.648	Construction Works	Open	Nov-11	Sep-13	Nov-14 ²
4.	Donja Gračanica - Drivuša motorway design	2.262		MKTBiH		Design	Competitive		Dec-07	Jun-10
5.	Donja Gračanica - Drivuša - motorway supervision	5.000								
a	Drivuša - Klopče	2.000	KFAED		3.051	Supervision	Competitive	Sep-13	Sep-14	Mar-19 ⁴
b	Klopče - Donja Gračanica	3.000	OPEC		5.473	Supervision	Competitive	Oct-14	May-16	Nov-20
6.	Donja Gračanica - Drivuša - construction works	138.000								
a	Drivuša - Klopče	28.000	KFAED		33.527	Construction works	Open	Sep-13	Sep-14	Mar-17 ⁵
b	Klopče - Donja Gračanica	110.000	OPEC		107.879	Construction works	Open	Oct-14	May-16	Nov-18
7.	Počitelj - southern border with Croatia motorway design	2.500		MKTBiH		Design	Competitive	Aug-07	Feb-08	April-11

8.	Počitelj - Zvirovići the new motorway design	2.000	EIB-grant		2.327	Design	Competitive	July-12	Oct-13	Dec-14 ³
9.	Počitelj - Zvirovići supervision services of construction	4.500	EIB			Supervision	Competitive	May-17	Jun-18	Dec-22
10.	Technical assistance to PIU	600	EIB				Competitive	May-17	Jun-18	Dec-22
11.	Počitelj - Zvirovići, construction works	100.000	EIB				Open	Feb-18	Jun-18	Dec-20
12.	Donja Gračanica - Tunnel Zenica motorway construction	47.000	EBRD				Open	Jul-16	May-18	Nov-20
13.	Donja Gračanica - Tunnel Zenica supervision services of construction	2.500	EBRD				Competitive	Dec-16	May-18	Nov-22
14.	Mostar South - border with Croatia motorway project	2.219		MKTBiH			Competitive		Jan-08	July-09
15.	Buna - Počitelj supervision services of construction	2.500	EBRD				Competitive	Dec-16	Apr-18	Oct-21
16.	Buna - Počitelj ,motorway construction	30.000	EBRD				Open	Jul-16	Apr-18	Oct-19
17.	Ponirak-Vraca motorway construction	72.000	EIB EBRD			Construction works	Open	Jul-17	May-18	Nov-20
18.	Ponirak - Vraca supervision	3.000	WBIF			Supervision	Competitive	Jul-17	May-18	Nov-22
19.	Vranduk - Ponirak motorway construction	48.000	OFID			Construction works	Open	Jul-17	May-18	May-20
20.	Vranduk - Ponirak supervision	2.500	OFID			Supervision	Competitive	Jul-17	May-18	May-22
21.	Land Expropriation	27.407		JPAFBiH						
22.	VAT (17%)	85.269		JPAFBiH						
23.	TOTAL:	8.481		MKTBiH						
24.	TOTAL:	121.157		JPAFBiH, MKTBiH						
25.	TOTAL:	493.100	EBRD EIB KFAED OPEC							

Table 1. Procurement plan

¹ Addendum 1 - Deadline for supervision has been extended until June 2017

² Addendum 1 - Deadline for completion of construction works has been extended (for Section I until June-15, while for Section II 242 days after commencement date for Section II)

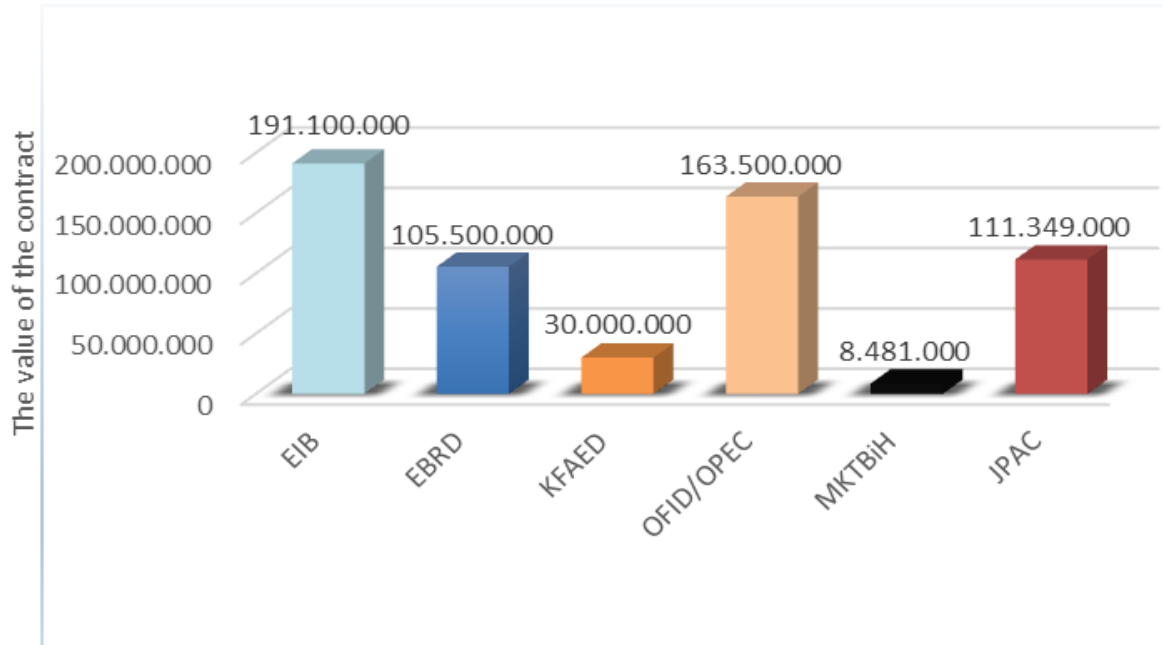
² Addendum 3 - The remaining works on Section II begin 7 days after obtaining a GP license or 15.03.2018. depending on what happens before, with a deadline for carrying out works of 400 days from the beginning, and the completion of construction works in April 2019^h

³ Addendum 2 - Deadline for completion of design services was extended until March 2015

Notice: VAT charged on the total amount of the budget (does not include land expropriation).

Legend: **MKTBiH** - Ministry of Transport and Communications BiH ; **JPAFBiH**- JP Autoceste FBiH d.o.o. Mostar (PC Motorways of FBH ltd. Mostar)

Diagram 1. shows a plan of procurement of financing from international credit institutions, the Ministry of Communications and Transport and own resources JP Autoceste FBiH and the contracted value.



4. MAIN DESIGN

The issuance of urban permits and construction permits are done by applying the Law on Motorways on Corridor Vc ("Official Gazette of the Federation B&H", No. 8/13). In accordance with the Law on Spatial Planning and Land Use in the Federation of Bosnia and Herzegovina, the procedure for issuing urban permits and construction permits has been defined. For the issuance of urban permit under this law, 17 approvals (previous consents) had to be collected, while the building permit required the obtaining of basic approvals, completion of the expropriation, completion and revision of the main project. By applying the Law on Motorways on Corridor Vc, this procedure is significantly simplified.

Status of main projects, expropriation, consent Institution necessary for obtaining urban permits and construction permits are shown in Table 2.

No	Section	Procedure	Status	Note:	
1.	Svilaj - Odžak	Main Design	Completed	Section under construction.	
		Expropriation	100%		
		Consents /Permits	Completed		
2.	Karuše - Ozimice	Main Design	0%	Preliminary design for the section is completed	
		Expropriation	0%		
		Consents /Permits	Obtained all prior permit / Urban permit obtained		
3.	Ozimice - Poprikuša	Main Design	0%	Preliminary design for the section is completed	
		Expropriation	0%		
		Consents /Permits	Obtained all prior permits		
4.	Poprikuše - Nemila	Main Design		Preliminary design for the section is completed	
		Expropriation	0%		
		Consents /Permits	Obtained all prior permits		
5.	Section: The northern border of the municipality of Zenica (Nemila) - Zenica North (D. Gračanica)			For subsection Vranduk - Ponirak and Ponirak - Vraca, a request for issuing urban permit has been submitted.	
	Subsection Nemila - Vranduk	Main Design	70%		
		Expropriation	0%		
		Consents /Permits	Obtained all prior permits		
	Subsection Vranduk - Ponirak	Main Design	90%		
		Expropriation	74,61%		
		Consents /Permits	Obtained all prior permits		
	Subsection Ponirak - Vraca (Tunel Zenica)	Main Design	Completed		
		Expropriation	93,37%		
		Consents /Permits	Obtained all prior permits		
	Subsection Vraca - D.Gračanica	Main Design	0%		Tender procedure for contractor under Yellow Fidic, main design will be included in Contract.
		Expropriation	99%		
Consents /Permits		Obtained all prior permits			
6.	Section Drivuša - Donja Gračanica			Section under construction.	
	Subsection Drivuša - Klopče	Main Design	Completed		
		Expropriation	100%		
		Consents /Permits	Completed		
	Subsection Klopče - D.Gračanica	Main Design	Completed		
		Expropriation	97%*		
		Consents /Permits	Completed		

7.	Sarajevo Bypass Lot 3B	Main Design	Completed			
		Expropriation	100%			
		Consents /Permits	Completed			
8.	Section Tarčin - Konjic			Preliminary design for the subsection Ivan - Ovčari and Ovčari –Konjic is completed		
	Subsection Tarčin - Ivan	Main Design	Completed			
		Expropriation	95%			
		Consents /Permits	Obtained all prior permits / Urban permit obtained			
	Subsection Ivan - Ovčari	Main Design	0%			
		Expropriation	0%			
		Consents /Permits	0%			
	Subsection Ovčari - Konjic	Main Design	0%			
		Expropriation	0%			
		Consents /Permits	All prior permits are ongoing.			
	9.	Konjic - Prenj	Main Design		0%	Preliminary design for the section is completed
			Expropriation		0%	
Consents /Permits			All prior permits are ongoing			
10.	Tunnel Prenj	Main Design	0%	Preliminary design for the section is completed		
		Expropriation	0%			
		Consents /Permits	All prior permits are ongoing			
11.	Tunnel Prenj (Salakovac) - Mostar North	Main Design	0%	Preliminary design for the section is completed		
		Expropriation	0%			
		Consents /Permits	All prior permits are ongoing			
12.	Mostar North - Mostar South	Main Design	Completed	The handover of Technical documentation between MKTBiH and JP Autoceste FBiH was carried out. It is necessary to do redesign of Main Design in accordance with the Spatial Plan of Corridor Vc.		
		Expropriation	0%			
		Consents /Permits	0%			
13.	Section Mostar South - Buna			Preliminary design for bout sections is ongoing.		
	Subsection Mostar South - tunel Kvanj	Main Design	0%			
		Expropriation	0%			
		Consents /Permits	0%			
	Subsection Tunel Kvanj - Buna	Main Design	0%			
		Expropriation	0%			
Consents /Permits		0%				
14.	Section Počitelj - Bijača			Request for urban permit is submitted. Tender procedure for bout sections for Contractor is ongoing..		
	Subsection Buna - Počitelj	Main Design	Completed			
		Expropriation	96,72%			
		Consents /Permits	Obtained all prior permits			
	Subsection Počitelj - Zvirovići	Main Design	Completed			
		Expropriation	89,69%*			
Consents /Permits		Completed				

Table 2. Progress of main design, expropriation and permits.

*With decisions on urgent entry into the possession of the Government of FBiH included, section is 100% completed.

5. PREPARATORY ACTIVITIES FOR CONSTRUCTION PROJECTS

The preparatory activities for construction projects divided into sections and subsections are presented in the following paragraphs:

5.1. Section Poprikuše - Zenica north (Donja Gračanica), is divided into five subsection: subsection (Northern Border Municipality Zenica) Poprikuše - Nemila, subsection Nemila - Vranduk, subsection Vranduk - Ponirak, subsection Ponirak - Vraca (Tunnel Zenica) and subsection Vraca - Donja Gračanica (Tunnel Pečuj), and the preparatory activities are related as follows:

5.1.1. Section Poprikuše - Zenica north (Donja Gračanica), Subsection Ponirak - Vraca

The pre-qualification document for the selection of contractor was sent to the Bank for its approval on 4th April 2017.

The Bank's approval of the pre-qualification document for the selection of contractor was received on 21st July 2017. Invitation for prequalification was published on 26th July 2017. Public opening of submitted applications was on 22nd September 2017. Evaluation process of the received applications is ongoing.

After completing the invitation for expressions of interest to select a consultant for supervision, the Invitation has been sent to the Bank for issuance of its no-objection on 4th April 2017. Bank's no-objection has been received on 21st July 2017. Invitation for Expression of Interest has been issued on 26th July 2017. Opening of submission applications was on 7th September 2017. Evaluation process of the received applications is ongoing.

5.1.2. Section Poprikuše - Zenica north (Donja Gračanica), Subsection Vranduk - Ponirak

The pre-qualification document for the selection of contractor was sent to the Fund for its approval on 4th April 2017.

The Fund's approval of the pre-qualification document for the selection of contractor was received on 28th June 2017. Invitation for prequalification was published on 18th July 2017. Deadline for submission of applications was scheduled on 18th September 2017. Evaluation process of the received applications is ongoing.

After completing the invitation for expressions of interest to select a consultant for supervision, the Invitation has been sent to the Fund for issuance of its no-objection on 4th April 2017.. Fund's no-objection has been received on 28th June 2017. Invitation for Expression of Interest has been issued on 18th July 2017. Deadline for submission of applications is scheduled on 4th September 2017. Evaluation process of the received applications is ongoing.

5.1.3. Section Vraca (south exit of Tunnel Zenica) - Donja Gračanica (Tunnel Pečuj)

The construction of this subsection is intended to be conducted on the model Design and Build.

Invitation for prequalification was published on 15th July 2016. The bids were received on 28th September 2016 and the evaluation process of the technical proposals is in process.

Evaluation of the received applications has been finished. Preparation of the Pre-qualification Application Evaluation has been submitted to the Bank for issuance of its no-objection on 19th January 2017. After receiving the comments from the Bank, revised application evaluation report has been submitted, and no-objection has been received on 20th June 2017. Requests for clarification has been submitted to the conditionally prequalified. Final Pre-qualification Application Evaluation has been submitted to the Bank for issuance of its no-objection on 10th July 2017.

No-objection has been received on 10th July 2017, and applicants have been notified on results on 11th July 2017.

Second phase of the procedure has been initiated on 14th August 2017. Deadline for submission is scheduled for 15th January 2018.

After completing the invitation for expressions of interest to select a consultant for supervision, the Invitation has been sent to the Bank for issuance of its no-objection. Bank's no-objection has been received on 23rd November 2016. Invitation for Expression of Interest has been issued on 22nd December 2016. Deadline for submission of applications is scheduled on 14th February 2017. Short-list evaluation report has been submitted to the Bank for issuing the no-objection on 28th April 2017. No-objection has been received on 28th April 2017, and applicants have been notified on results on 4th May 2017.

Second phase of the procedure has been initiated and deadline for submission is scheduled for 24th July 2017. Evaluation process is still ongoing.

5.2. Section Donja Gračanica - Drivuša

5.2.1. Subsection Klopče - Donja Gračanica (Tunnel Pečuj)

The route of subsection 2: Klopče - Donja Gračanica at its beginning connects to section Drivuša - Klopče in the zone of viaduct Perin Han at km 2+680.00, and ends in the zone of Tunnel Pečuj at km 8 +460, 00. Overall length of projected motorway of this subsection is 5, 78 km.

After having completed the request for expression of interest to select a consultant for supervision of construction and the pre-qualification documents for the selection of contractor, an Invitation for expression of interest and an Invitation for pre-qualification had been published. The applications for expression of interest were received on 16th December, 2014 and the applications in the pre-qualification phase for the selection of contractor were received on 30th December, 2014. The evaluation of received applications was finalized and the Fund's approvals on the evaluation reports were received.

The second phase of the procurement procedures for works, referring to an Invitation for the submission of the final bids from pre-qualified bidders was initiated on 28th August, 2015. The final deadline for submission of bids was scheduled for 27th October, 2015. The evaluation of bids was completed and the Final Evaluation Report was sent to the Financier's for its approval

on 22nd February, 2016. The Fund's approval to the submitted Report was received on 1st April 2016 and the bidders have been informed about the results of the procedure. After finalizing the contract draft, and the Fund's prior approval, the contract has been signed on 9th May, 2016 with the first ranked bidder, i.e. Joint Venture: Euro - Asfalt d.o.o. (Lead partner) and Strabag A.G. The value of the Contract amounts to 107.879.287, 94 EUR including VAT.

The second phase of the procurement procedure for consulting services for supervision referring to an Invitation for the submission of the final bid had been scheduled on 30th July, 2015. The final deadline for submission of bids was scheduled for 10th September, 2015. The bids were received and the evaluation process was completed and the Final Evaluation Report was sent to the Financier for its approval. The Fund's approval was received on 2nd November, 2015. The bidders have been informed about the results of the procedure. After finalizing the contract draft, and the Fund's prior approval, the contract has been signed on 6th May, 2016 with the first ranked bidder, i.e. Joint Venture: EGIS International and IPSA Institut d.o.o. The value of the Contract amounts to 5.473.143, 00 EUR including VAT.

5.3. Section Sarajevo Bypass LOT 3B

- Main design is completed.
- The process of land acquisition is in progress.

5.4. Section Konjic - Mostar North (Salakovac)/Subsection LOT 3 -Tunnel Prenj

The preliminary design of the Tunnel Prenj is completed. The process of obtaining approvals and consents, that are necessary for issuing an urban permit, is in progress. Simultaneously with these activities, the preparation of tender documentation has been carried out. Construction of this subsection is intended to be conducted in accordance with a model Design and Build.

5.5. Dionica Mostar South - Buna

Section Mostar South - Buna is a continuation of section Buna - Počitelj. Total length of the section Mostar South - Buna is 14,3 km. During construction it is planned for this section to be divided into two subsections:

- Subsection Mostar South - Tunnel Kvanj, estimated value of the construction works is approximately 67 million EUR and
- Subsection Tunnel Kvanj - Buna, estimated value of the construction works is approximately 98 million EUR.

Contract for Design was signed on May 29th, 2017 with Designer "IPSA Institut d.o.o." Sarajevo with duration of 6 months or until obtaining Urban Permit for the subjected section.

Performance of geotechnical works, Preliminary Design drawing, and preparation of documentation for obtaining needed approvals for urban permit for subsection Mostar South – Buna is in progress.

5.6. Section Počitelj - Bijača, is divided into four lots and the preparatory activities are related as follows:

5.6.1. Subsection Počitelj - Zvirovići

The status of project documentation for motorway on Corridor Vc, section Počitelj - Bijača, subsection Počitelj - Zvirovići.

Completed activities:

- Analysis of the existing northern variant of the subsection Počitelj - Zvirovići;
- Conceptual design;
- Preliminary design;
- Studies for urban planning approval/permit
- Studies of land acquisition
- Main design
- Revision of the main design

Tender document for the selection of contractor was sent to the Bank for its approval on 4th May 2017. The Bank's approval to the tender document was received on 8th May 2017. Invitation for tenders was published on 11th May 2017. Deadline for submission of tenders was scheduled on 17th July 2017. Evaluation process of applications for procurement of works has been finalized, and the evaluation report has been submitted to the Bank for issuing its non-objection confirmation on 27th September 2017. After receiving Bank's comments, revised evaluation report has been finalized.

The procedure for procurement of consulting services for supervision of works was initiated on 11th May 2017. The final deadline for submission of applications is scheduled for 24th July 2017. Evaluation process of the received applications for procurement of consulting services has been finalized, and short-list evaluation report has been submitted to the Bank for issuing its non-objection confirmation on 18th August 2017. After receiving Bank's comments, additional request for clarification of one of the application has been submitted, and revised evaluation reports has been finalized. The revised report has been submitted to the Bank on 20th October 2017. Additional Bank's comments have been received, and one additional request for clarification has been submitted. Final revised evaluation report has been finalized.

Technical Assistance to the Project Implementation Unit of JP Autoceste FBiH for the project of construction of motorway on the section Počitelj - Bijača, subsection Počitelj - Zvirovići

The procedure for procurement of consulting services of technical assistance to the PIU of JP Autoceste FBiH for the project of construction of motorway on the section Počitelj - Bijača, subsection Počitelj - Zvirovići was initiated on 11th May, 2017. The final deadline for applications is scheduled for 24th July, 2017. Evaluation of the received application is still ongoing.

5.6.2. Subsection Buna - Počitelj

The subsection Buna - Počitelj is a continuation of section Počitelj - Bijača (connection with the Republic of Croatia). The total length of the section Buna - Počitelj is 7.2 km, while the estimated value of the construction works is approximately 30 million EUR.

2nd Annex was signed in December 2016, due to the need for more detailed definition of performed services under item 6 of the Contract – Contingencies services. Because of preparation of additional project documentation mentioned above under item 6 - Contingencies services, end date of the Contract was extended until 10th January 2016.

In December 2016, Annex 3 was also signed because of the changes of conditions and Designer's obligations in article 8.4.1. of the Contract. The reason was that the Designer could not comply with Contract obligations of delivering printed design documentation after obtaining urban permit because urban permit was not obtained.

Invitation for prequalification was published on 15th July 2016. Deadline for submission of applications was scheduled on 28th September 2016. Evaluation of the received applications has been finalized, and Pre-qualification Application Evaluation report has been submitted to the Bank for issuance of its no-objection on 30th December 2016.

No-objection has been received on 24th May 2017, and applicants have been notified on results on 6th June 2017.

Second phase of the procedure has been initiated on 20th June 2017. Deadline for submission has been extended until 15th January 2018.

After completing the invitation for expressions of interest to select a consultant for supervision, the Invitation has been sent to the Bank for issuance of its no-objection. Bank's no-objection has been received on 12th December 2016. Invitation for Expression of Interest has been issued on 22nd December 2016. Deadline for submission of applications is scheduled on 14th February 2017.

Short-list evaluation report has been submitted to the Bank for issuing the no-objection on 8th May 2017. No-objection has been received on 28th May 2017, and applicants have been notified on results on 11th May 2017.

Second phase of the procedure has been initiated and deadline for submission is scheduled for 24th July 2017. After evaluation of technical proposals, technical evaluation report has been submitted to the Bank for issuing the no-objection on 4th December 2017. No objection has been received on 20th December 2017.

6. CONSTRUCTION PROJECTS

6.1. Section Svilaj - Odžak

- Contractor: Joint Venture Strabag AG, Euro - Asfalt d.o.o. Sarajevo and GP ŽGP d.d. Sarajevo;
- Construction contract signed on 12th September, 2013
- Number of Construction Contract: JPAC 327-B45-12;
- The value of the Contract amounts to 83.822.098,00 EUR including VAT;
- The construction period is 420 days;
- Addendum No. 1 was signed on April 30th 2015. The time for work's completion has been changed due to activities that are not a direct responsibility of the Public Company of Motorways of the Federation of Bosnia and Herzegovina Ltd. Mostar (the expropriation of land for the construction of the Border crossing Svilaj is the responsibility of the Bosnia and Herzegovina Indirect Taxation Authority and the construction of the bridge on the Sava River is under the jurisdiction of the Republic of Croatia). Therefore, the works are divided into two sections as follows: the first section includes the construction of the roadbed to the level of the motorway pavement as well as the buildings along the route, while the second section includes the finishing works. The completion date of Works for the first section is 30th June, 2015. The completion time for the second section is 242 days from the commencement date of 16th of March, 2017.
- Addendum No.2 was signed on 31st March, 2017. In the Addendum No.2 the Accepted Contract Amount has been changed from EUR 32.568.837,36 to EUR 44.579.348,66 for Section 2. Except the above mentioned, all other provisions of the Contract and Addendum no.1 have remained unchanged, valid and in full force and effect. The construction works for Section 2 are in progress.
- Addendum No.3 o the Contract for Construction of Motorway on Corridor Vc, section Svilaj-Odžak was concluded on 22nd November 2017. Addendum No.3 is made due to the impact to the performance of the Contract of the following events as: an urban permit for the area of Border Crossing Svilaj has not been obtained and it is expected at the beginning of 2018, a bridge over Sava River in the northern limit of the Project Svilaj-Odžak as traffic connection with Croatia has not been finished, project Odžak-Vukoslavlje, Section 3 of Lot 1 at the southern limit of this Project Svilaj-Odžak is in the authority of the Government of the RS probably will not be started earlier than the end of 2018, as well as tolling system and traffic management system are to be installed at later stage in order to prevent a possible stealing of equipment. In the Addendum No.3 the Accepted Contract Amount for Section 1 has been amended to EUR 41.069.250,13, while the Accepted Contract Amount for Section 2 remains the same in the amount of EUR 44.579.348,66. This Addendum also defines the Accepted Contract Amount for Remaining works of Section 2 that is estimated at EUR 15.000.000,00 from a total of EUR 44.579.348,66 for Section 2. Hereinafter, Remaining works of Section 2 is considered as a separate section and shall be completed within 400 days calculated from the Commencement date for

Remaining works of Section 2 including 200 days of the embankment settlement period. Remaining works of Section 2 are specified in the Bill of Quantities as: Border Crossing Svilaj, two rest areas, landscaping, toll system and buildings and traffic management system including electrical installations. The Commencement date for Remaining works of Section 2 is also added and defined as seven days after obtaining the construction permit for the Border Crossing Svilaj or 15th March 2018 whatever happens earlier.

Supervision

- Consultant: AECOM Inocsa S.L.U. Spain;
- Number of Contract for Consultancy Services: JPAC 328-E152-12 in the amount of 2.645.311, 50 EUR including VAT signed on 2nd September, 2013, and the duration of the Contract is 38 months.
- Addendum No. 1 was signed on 2nd October, 2015 by the Investor and 6th October, 2015 by the Consultant of supervision with regards to an extension of time for completion of the work under the Contract on construction no. JPAC 327-B45-12 and dividing the existing section in the Phase/Section 1 and Phase/Section 2 in Addendum 1 to the Contract on construction No. JPAC 327-B45-12 dated April 30th, 2015. Therefore, the period of consulting services is extended to 46.9 months as well the contract price is increased to EUR 3.204.199, 44 including VAT.
- Number of Contract for Consultancy Services: JPAC 819-E426- 17 - Consulting Services for supervision of works on Construction of motorway in Corridor Vc, section Svilaj-Odžak, Phase II in the amount of 1.186.672,50 EUR including VAT was signed on 13th March, 2017, and the duration of the Contract is 33 months.
- Project realization is divided into two phases (sections), because the construction works on the bridge over the Sava River, which connects parts of the Corridor Vc in Croatia and Bosnia and Herzegovina have not been started.
- Works on the realization for Phase/Section I of the project were completed.
- The technical inspection of completed works for Phase/Section I is completed.
- The use permit was obtained for Section/Phase I in November 2015.
- Works on Phase/Section II have commenced on 16th March, 2017, in accordance with the Addendum no1.
- Value of works for Section I is EUR 41.069.250,13 based on Addendum 3
- Construction period for Section II is 242 days.
- Current work progress: asphalt, toll station structure, equipment, safety rail.

6.2. Subsection Drivuša – Klopče

- Contractor: Hering d.d Široki Brijeg;
- Number of Construction Contract: JPAC 373-A66-12;
- Construction contract signed on September 25th, 2014
- The value of the Contract amounts to 33.527.849 EUR including VAT;
- The construction period is 900 days;
- New date for completion of works is March 15th, 2018.

The Contract no. JPAC 373-A66-12 represents the completion of part of motorway Donja Gračanica - Drivuša, subsection 1, Drivuša - Klopče. The route of this subsection 1 at its beginning connects to section Drivuša - Bilješevo in the zone of interchange Drivuša at chainage km 0 + 450, 00 and ends at km 2+680.00. The total projected length of the motorway is approximately 2,230 km. The expropriation of this subsection was completed and the construction permit was obtained.

The subsection Drivuša - Klopče is under construction. The relocation of underground gas, water, electric and telecommunication installations and transmission lines was performed in 2015.

The construction work in relation to the substructure and construction objects is being performed on this subsection. Also in 2016, the construction has been performed on this subsection, out of which the most important is construction of the bridge Drivuša (in the length of 650 m) and viaduct Perin Han (in the length of 400 m). Concrete works completed on left bridge Drivuša.

Regarding the work on the motorway alignment, the most significant works are related to ensure the slope stability of cuts between the two above-mentioned dominant construction objects.

The route is located in the area with very complex geology. On the motorway route appearance of two landslides have been recorded, which complicates the construction and significantly slows down the dynamics of the construction. Additional geotechnical investigations were carried out on the basis of which adjustments of project design were performed.

The support structure for the protection of the slope on the station km 1+940 to 2+100 and 1+640 to 1+940 is completed, and works on stations 1+200 – 1+500 are ongoing.

Supervision:

- Consultant: Consortium Divel d.o.o. and TAEP;
- Number of Contract for consultancy services: JPAC 375-E71-12 in the amount of 2.538.315 EUR including VAT signed on September 23rd, 2014;
- The duration of the Contract is 54 months.
- Addendum No.1 of the Contract for Consultancy Services No. JPAC 375-E71-12 was concluded on August 23rd, 2017 in which the value of the contract is increased to a new amount of 3,051,106.40 EUR including VAT and the duration of the contract has been extended to 66 months.

6.3. Subsection Klopče - Donja Gračanica

- Contractor: JV Euro - Asfalt d.o.o. (Lead partner) and Strabag A.G.;
- Number of construction Contract: JPAC 608-B63-14;
- Construction contract signed on May 9th, 2016
- The value of the Contract amounts to 107.879.287,94 EUR including VAT;
- The construction period is for section 1 – 900 days, and for section 2 (Viaduct Pehare) - 600 days;

Supervision

- Consultant: Consortium Egis International and IPSA Institut;
- Number of Contract for Consultancy Services: JPAC 609-E314-14 in the contractual amount of 5.473.143 EUR including VAT signed on May 7th, 2016.
- First amendment to Contract for Consultancy Services: JPAC 609-E314-14 was signed on September 1st 2016 for purpose of modifying to the available personnel within the supervision team to deal with the specific requirements of additional geotechnical investigation. These changes have no influence on the current contractual price, which remained the same.

The route of the subsection 2. Klopče - Donja Gračanica at its beginning connects to section Drivuša - Klopče in the zone of viaduct Perin Han at km 2+680.00, and ends in the zone of Tunnel Pečuj at km 8 +460,00. Overall length of projected motorway of this subsection is 5,78 km.

The expropriation of this subsection has been completed and the construction permit has been obtained.

After the procurement procedures for selecting the best bidder for construction works and the best consultant for supervision were finished, the contract for construction works was signed on May 9th, 2016 while the contract for providing supervision services of construction works was signed on May 6th, 2016.

The activities on the mobilisation of construction site as well as activities on construction of access roads are completed.

The earthworks on the motorway subsection are currently being performed with slower dynamics, winter conditions. The route is located in the area with very complex geology which complicates earthworks construction. Additional geotechnical investigations were performed in August 2017 and adjustments of Main Design are ongoing based on geological data.

The complexity of geology, where is the main alignment located, required a change of the Main Project, which caused the displacement of the expropriation line. That was the reason for the amendment of the construction permit.

Currently works are carried out:

- On construction of the main alignment and slope protection (on certain parts),
- On the tunnels a breakthrough was made of the right tunnel tube of the tunnel Ričica where the work and the secondary lining started and work continued on tunnel excavation and primary lining in the left tunnel tube of the tunnel Ričica as well as both tunnel tubes of the tunnel Pečuj,
- On the superstructure of the viaducts Ričiće, on the substructure of the viaduct Pehare, on the substructure of the bridge Babina Rijeka as well as on the substructure and superstructure bridge Drivuša,
- Works on relocation of utilities: underground gas line was performed in March 2017; water, electric and telecommunication installations are currently carried out in accordance with the dynamics of work on the main alignment.

Details on work progress and status of construction projects are presented in **Appendix 1**.

7. FINANCIAL POSITION

7.1. Section: Svilaj – Odžak

Payments from the EIB (166 million EUR)

No.	Loan EIB (166 mil€)		The amount of the payment without VAT	
	Own funds			
1.	JV STRABAG AG, Euro Asphalt d.o.o., GP ŽGP d.d. .	I phase	37.320.943,57	€
		II phase	16.953.303,74	
2.	AECOM INOCSA S.L.U.	I phase	2.738.632,00	€
		II phase	567.947,50	
TOTAL:			57.582.826,81	€

Recapitulation of payment - construction

No.	Funding source	The amount of the payment without VAT	The amount of the payment with VAT
1.	EIB – I phase (166 mil €)	10.924.585,49	12.866.467,67
2.	Own funds	43.349.661,82	51.419.556,70
3.	TOTAL:	54.274.247,31	64.286.024,37

Recapitulation of payment - supervision services of construction

No.	Funding source	The amount of the payment without VAT	The amount of the payment with VAT
1.	EIB – I phase (166 mil €)	421.224,50	492.832,67
2.	Own funds	2.885.355,00	3.375.865,35
	TOTAL:	3.306.579,50	3.868.698,02

7.2. Subsection: Drivuša – Klopče

Recapitulation of the KFAED loan

Br.	KFAED loan		The amount of the payment without VAT	
	10.500.000,00 KWD			
		Total amount of the loan Approx. 28.355.250 €		
1.	HERING d.d.	17.845.546,92	(€)	
2.	JV „Divel“doo -TEAP	2.424.983,56	(€)	
TOTAL:		20.270.530,48	(€)	

Recapitulation of payment - construction

No.	Payment	The amount of the payment without VAT	The amount of the payment with VAT	Note:
1.	HERING d.d.	17.845.546,92	21.274.107,08	38 Interim Certificate
2.	TOTAL:	17.845.546,92	21.274.107,08	

Recapitulation of payment - supervision services of construction

No.	Payment	The amount of the payment without VAT	The amount of the payment with VAT	Note:
1.	JV „Divel“doo -TEAP	2.424.983,56	2.837.230,75	38 Interim Certificate
2.	TOTAL:	2.424.983,56	2.837.230,75	

7.3. Subsection: Klopče – Donja Gračanica

Recapitulation of the OFID loan

No.	OFID loan 1588P		The amount of the payment without VAT
	48.000.000 \$		
Total amount of the loan Approx. 60.000.000€			
1.	JV „Strabag“AG – „Euroasfalt“doo		34.324.944,32 €
2.	JV „Egis“ – „IPSA Institut“doo		1.738.515,65 €
TOTAL:			36.063.459,97 €

Recapitulation of payment – construction

No.	Payment	The amount of the payment without VAT	The amount of the payment with VAT	Note:
1.	JV Strabag - Euroasfalt	34.324.944,32	40.811.844,83	17 Interim Certificate
	TOTAL:	34.324.944,32	40.811.844,83	

Recapitulation of payment - supervision services of construction

No.	Payment	The amount of the payment without VAT	The amount of the payment with VAT	Note:
1.	JV Egis - IPSA Institut	1.738.515,65	40.811.844,83	16 Interim Certificate
	TOTAL:	1.738.515,65	2.034.063,31	

8. ENVIRONMENTAL IMPACT

As of the end of June 2017, the Federal Ministry of Environment and Tourism has issued four environmental permits. The first environmental permit was issued in February 2009 for sections of LOT 2: Doboj South (Karuše) - Sarajevo South (Tarčin) for a period of five years. After its expiry, it was extended in February 2014 for a period of five years. The second one was issued in September 2010 for the section from Svilaj (including a part of the bridge that belongs to Bosnia and Herzegovina - The Bridge over the River Sava) to Doboj South (Karuše) and it has been extended for five years too. The environmental permit for the section Mostar North - Southern border with Croatia, subsection Bijača - Zvirovići was issued in October 2010, while the environmental permit for the section Sarajevo South - Mostar North, subsection Tarčin - Konjic, was issued in June 2012.

In the 2017 the following activities were carried out in accordance with the aforementioned environmental permits and contracts were signed with the selected bidders - contractors or service providers. During this period the completed activities for the implementation of obligations under environmental permits are the following:

1. The first control testing of water quality from the separators was performed in April/May under the Annual Contract no. JPAC 787-E405-1-16 "Monitoring of waste water from the separators on the sections: Zenica South -Tarčin; Zvirovići - Bijača".
2. The second control testing of water quality from the separators was performed in October under the Annual Contract no. JPAC 787-E405-1-16 "Monitoring of waste water from the separators on the sections: Zenica South - Tarčin; Zvirovići - Bijača".
3. The control testing of soil quality along the motorway was carried out in May based on the Contract No. JPAC 787-E405-1-16 "Control testing of soil quality along the motorway Zenica South - Tarčin and Bijača - Zvirovići".
4. The control testing of air quality along the motorway was carried out in October, based on the Contract No. JPAC 787-E405-1-16 "Control testing of air quality along the motorway Zenica South - Tarčin and Bijača - Zvirovići".
5. The control testing of noise along the motorway was carried out in December, based on the Contract No. JPAC 787-E405-1-16 "Control testing of noise along the motorway Lašva - Kakanj and Butila - Briješće".
6. Annual Environment and Social Report was submitted to the EBRD representatives.
7. Annual Environment Report of Motorway A1 was submitted to the Federal Ministry of Environment and Tourism.
8. Annual Environmental Report of Motorway A1 was submitted to the Management of JP Autoceste FBiH for a review.

Appendix

Payment overview on 31st December, 2017

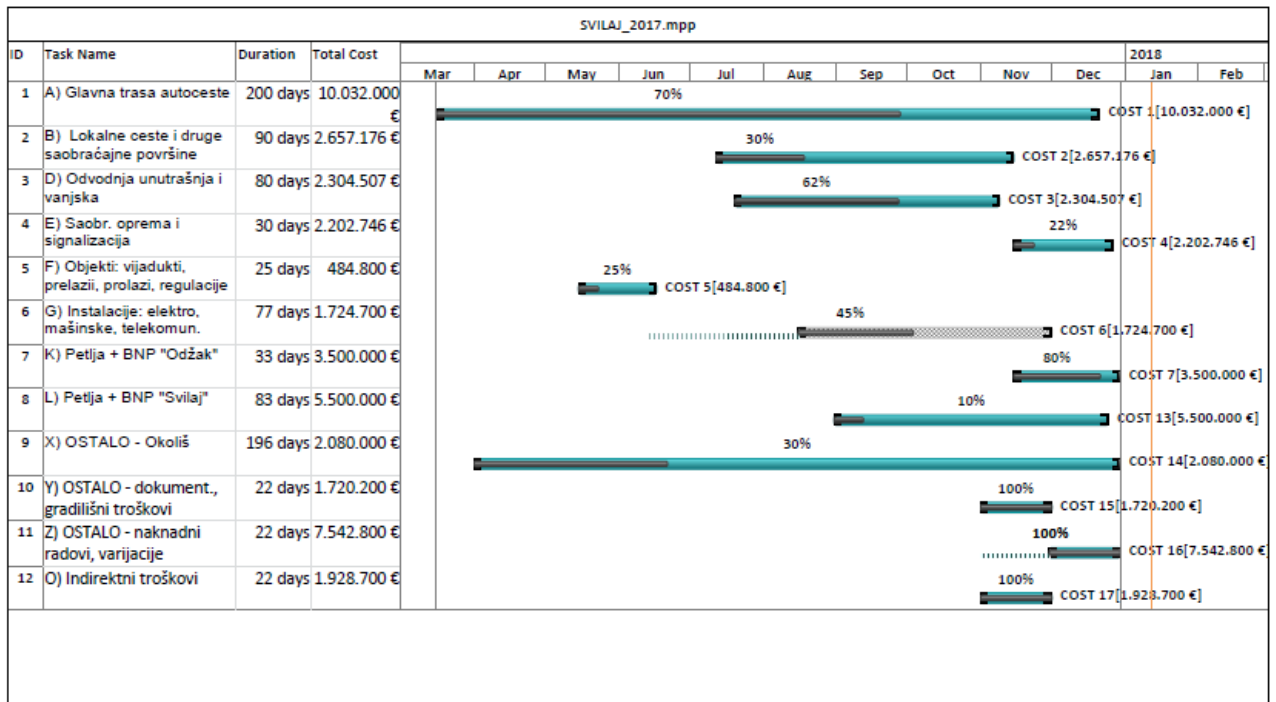
1. Lot 1: Section Svilaj - Odžak

Progress of construction works as of 31st December, 2017

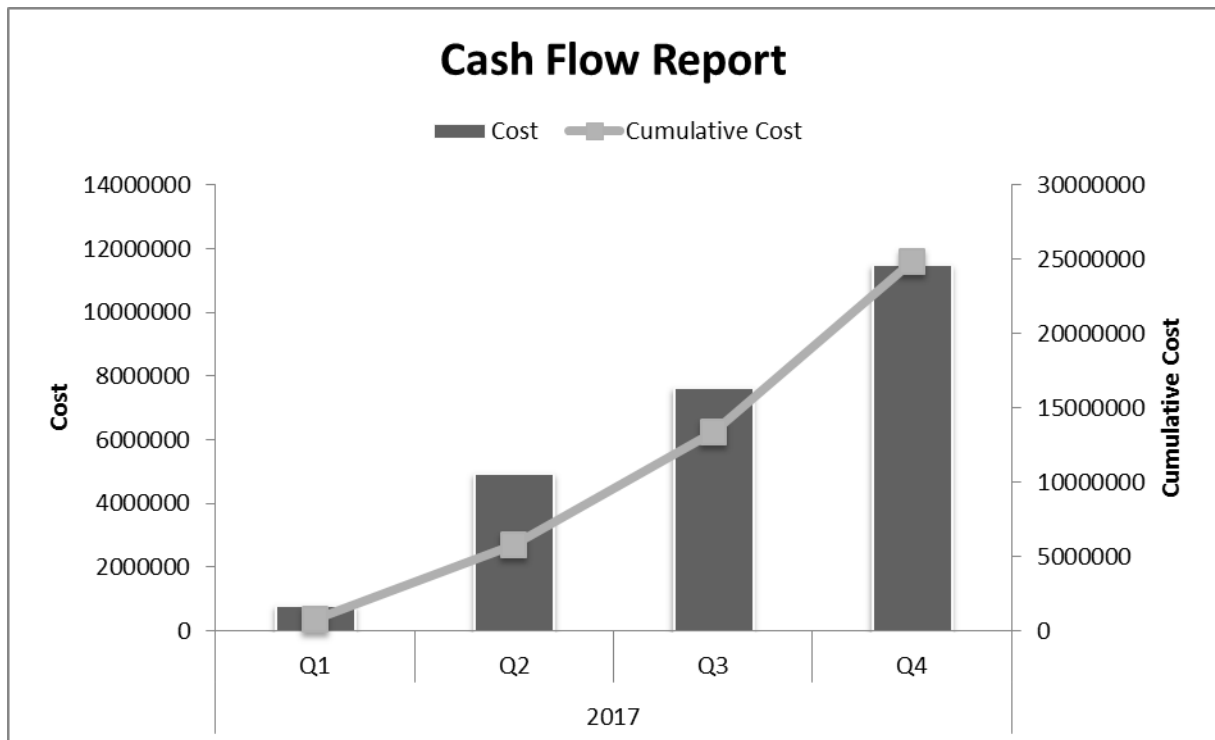
No.	ID	Task Name	Duration	Start	Deadline	(Section I+ Section II)% of Completion	Type of Works in construction
1.		ALIGNMENT					The technical inspection of completed works for Phase I is in progress.
	1.1.	Motorway alignment	8	16.03.2017.	13.11.2017.	95%	Earthworks and embankment
	1.2.	Local road alignment	8	16.03.2017.	13.11.2017.	95%	Earthworks and embankment
2.	2.1.	INTERCHANGE SVILAJ	8	16.03.2017.	13.11.2017.	95%	Earthworks and embankment
	2.2.	Construction of toll station „Svilaj“	8	16.03.2017.	13.11.2017.	80%	Earthworks and embankment
3.	3.1.	INTERCHANGE ODŽAK	8	16.03.2017.	13.11.2017.	95%	
	3.2.	Construction of toll station „Odžak“	8	16.03.2017.	13.11.2017.	1,80%	Earthworks and embankment
4.	4.1	CROSSING BORDER SVILAJ	8	16.03.2017.	13.11.2017.	90%	Preparation of detailed project
5.	5.1.	PUO Vrbovački Lipik	8	16.03.2017.	13.11.2017.	90%	Earthworks and embankment
6.		ENGINEER'S CONSTRUCTIONS AND STRUCTURES	8	16.03.2017.	13.11.2017.	90%	Earthworks, foundation structures and piles
	6.1.	Bridge Potočani	8	16.03.2017.	13.11.2017.	100%	Completed Phase I - the bridge was accepted and a passage under the bridge was provided.
	6.2.	Underpasses	8	16.03.2017.	13.11.2017.	100%	
	6.3.	Overpasses	8	16.03.2017.	13.11.2017.	100%	
	6.4.	Watercourse regulation	8	16.03.2017.	13.11.2017.	100%	Concrete works almost completed
7.		DRAINAGE	8	16.03.2017.	13.11.2017.	100%	
	7.1.	Internal drainage	8	16.03.2017.	13.11.2017.	90%	Has not been started yet.
	7.2.	External drainage	8	16.03.2017.	13.11.2017.	90%	Construction of the typical culvert below the motorway route

Table 3. Progress of construction works on Lot 1: Section Svilaj - Odžak

Gantt chart 1. Progress of construction works on Lot 1: Section Svilaj - Odžak



CASH FLOW 1., 2017-Q4 Section Svilaj-Odžak



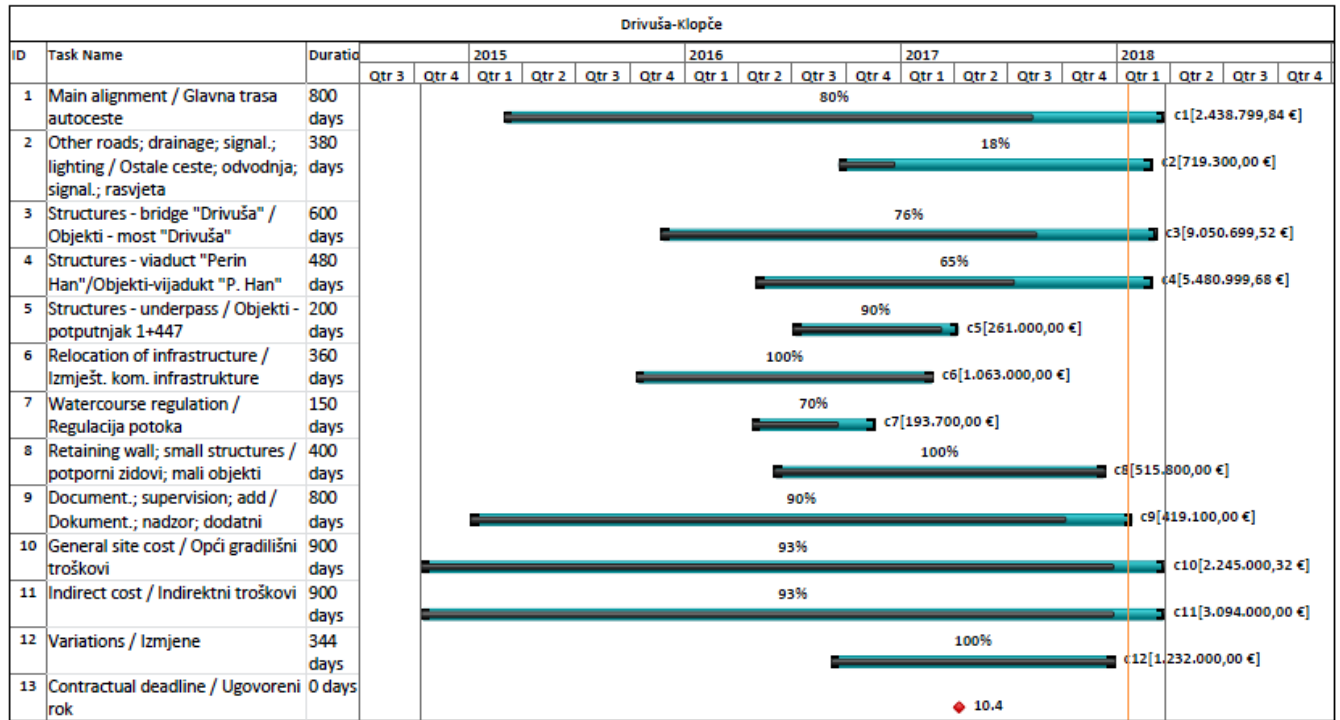
2. Lot 1: Subsection: Drivuša - Klopče

Progress of construction works as of 31st December, 2017

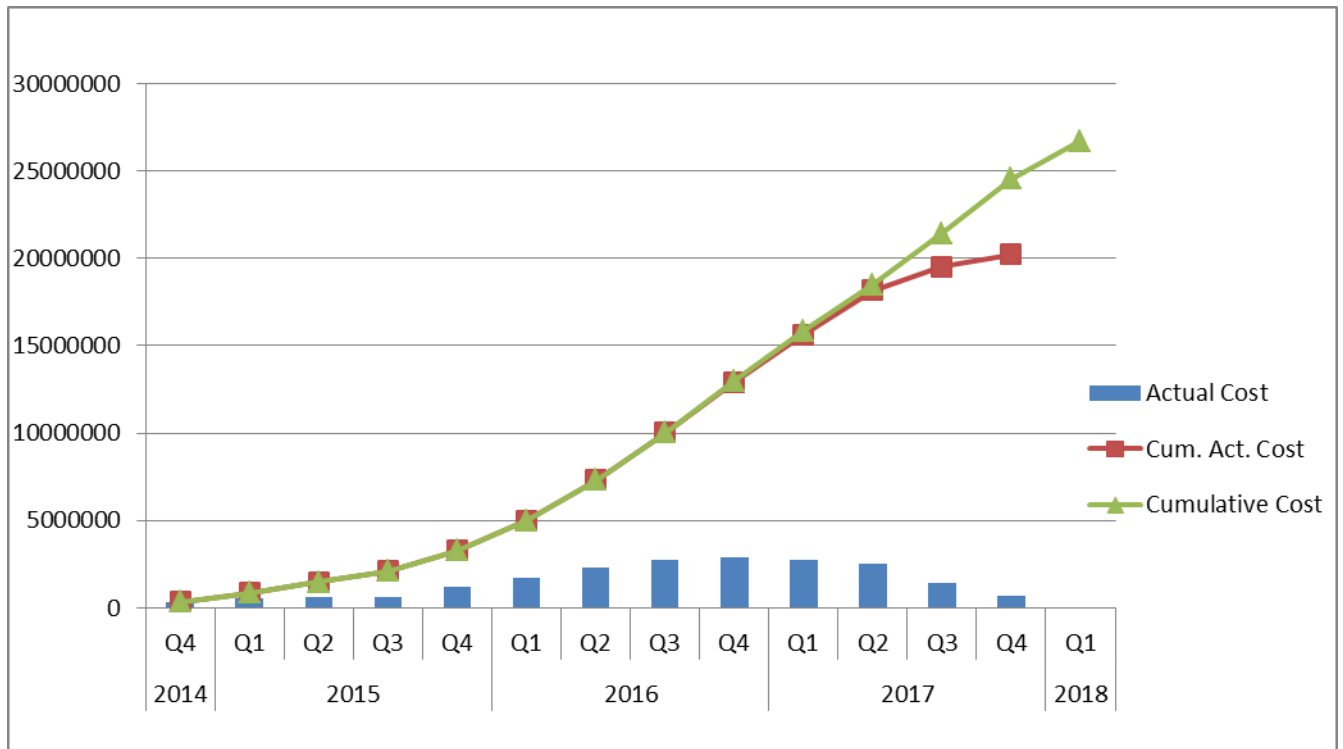
No.	ID	Task Name	Duration	Start	Deadline	% of Completion	Type of Works in construction
1.		ALIGNMENT					
	1.1.	Motorway alignment	42	10.10.2014	15.03.2018.	90 %	Under construction
2.		LOCAL ROADS	36	29.03.2015	15.03.2018.	33 %	Under construction
3.		DRAINAGE AND WATER PROTECTION SYSTEM	41	11.10.2014	25.02.2018.	20 %	Under construction
4.		EQUIPMENT AND SIGNALISATION	3	02.12.2017	15.03.2018.	0 %	Under construction
5.		ENGINEER'S CONSTRUCTIONS AND STRUCTURES					
	5.1.	Underpass at km 1+552	24	04.04.2015	24.03.2017	98,30%	Under construction
	5.2.	Slope protection	33	25.06.2015	15.03.2018	95 %	Under construction
6.		BRIDGES					
	6.1.	Bridge Drivuša	36	20.10.2014	29.09.2017.	90 %	Under construction
	6.2.	Viaduct Perin Han	34	05.12.2014	02.09.2017.	80 %	Under construction
7.		Relocation of utility	30	10.10.2014	25.03.2017.	96,50%	Under construction
8.		REGULATION OF WATERCOURSE	31	27.02.2015	24.03.2017.	80 %	Under construction

Table 4. Progress of construction works on Lot 1: Subsection Drivuša - Klopče.

Gantt chart 2. Progress of construction works on subsection Drivuša - Klopče.



CASH FLOW 2, 2017-Q4 subsection Drivuša-Klopče



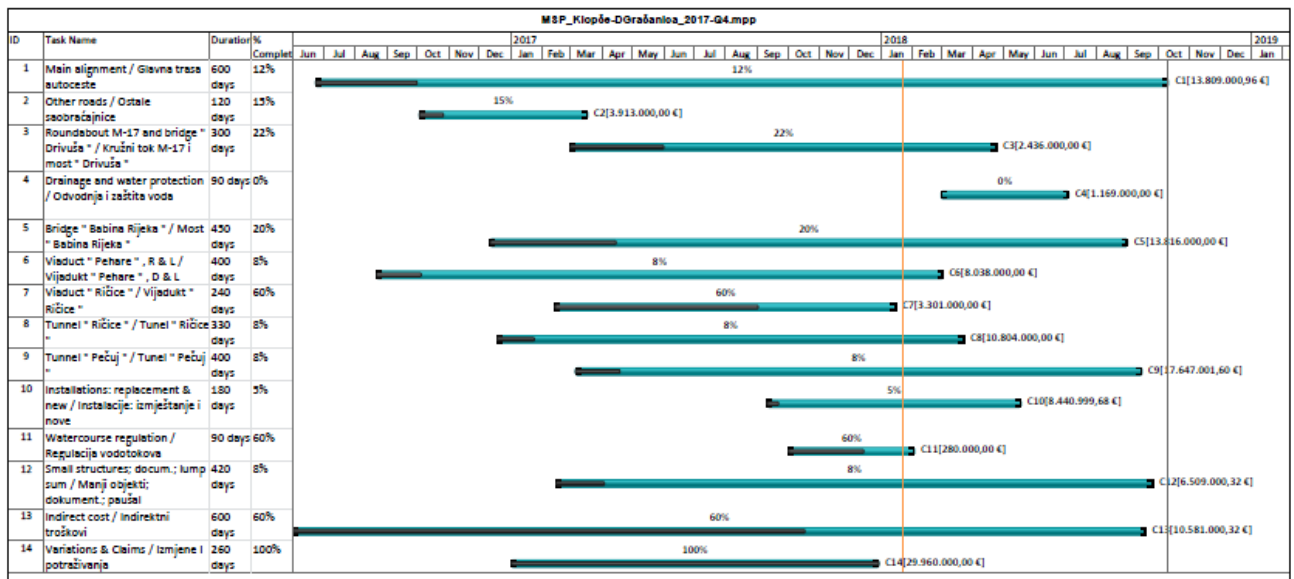
3. Lot 2: Subsection: Klopče - Donja Gračanica

Progress of construction works on subsection Klopče - Donja Gračanica as of 31st December, 2017

No.	ID	Works description	Duration (months)	Start	Deadline	% of Completion	Type of Works in construction
1.		MOTORWAY ALIGNMENT	30	01.06.2016	20.12.2019	13 %	Under construction
2.		LOCAL ROADS	30	01.06.2016	20.12.2019	20 %	Under construction
3.		DRAINAGE AND WATER PROTECTION SYSTEM	30	01.06.2016	20.12.2019	0 %	Under construction
4.		EQUIPMENT AND SIGNALISATION	30	01.06.2016	20.12.2019	0 %	Under construction
5.		BRIDGES					
	5.1.	Viaduct Klopče	30	01.06.2016	20.12.2019	0 %	Under construction
	5.2.	Bridge Babina Rijeka	30	01.06.2016	20.12.2019	25 %	Under construction
	5.3.	Right viaduct Pehare	30	01.06.2016	20.12.2019	9 %	Under construction
	5.4.	Left viaduct Pehare	30	01.06.2016	20.12.2019	8 %	Under construction
	5.5.	Viaduct Ričice	30	01.06.2016	20.12.2019	55 %	Under construction
	5.6.	Drivuša Bridge	30	01.06.2016	20.12.2019	47 %	Under construction
6.		TUNNELS					
	6.1.	Tunnel Ričice	30	01.06.2016	20.12.2019	65 %	Under construction
	6.2.	Tunnel Pečuj	30	01.06.2016	20.12.2019	50 %	Under construction
7.		RELOCATION OF UTILITY	30	01.06.2016	20.12.2019	60 %	Under construction
8.		REGULATION OF WATERCOURSE	30	01.06.2016	20.12.2019	60 %	Under construction
9.		ENGINEER'S CONSTRUCTIONS AND SMALLER STRUCTURES					
	9.1.	Underpass at km 4+988,40	30	01.06.2016	20.12.2019	38 %	Under construction
	9.2.	Retention walls and smaller structures	30	01.06.2016	20.12.2019	10 %	Under construction

Table 5 Progress of construction works on Lot 2: Subsection Klopče - Donja Gračanica.

Gantt chart 3. Progress of construction works on subsection Klopče - Donja Gračanica.



CASH FLOW 3., 2017-Q4 subsection Klopče – Donja Gračanica.

