



Innovation and Networks Executive Agency

Department C - Connecting Europe Facility (CEF)

AMENDMENT N° 2 TO AGREEMENT No INEA/CEF/TRAN/M2014/1048666

The **Innovation and Networks Executive Agency (INEA)** ("the Agency"), under the powers delegated by the European Commission ("the Commission"), represented for the purposes of signature of this amendment by the Head of Department C of the Agency, Andreas Boschen,

on the one part,

and

State Enterprise "National Railway Infrastructure Company" (NRIC)

Public body

Registration No 23/2002

Maria Luisa blvd. 110

1233 Sofia

Bulgaria

VAT No BG130823243,

represented for the purposes of signature of this amendment by Director general, Krasimir Papukchiski

hereinafter referred to collectively as "the beneficiaries", and individually as "beneficiary" for the purposes of this amendment

on the other part,

Having regard to the above-mentioned grant agreement concluded between the Agency and the beneficiary on 24/11/2015 as amended on 25/07/2018,

Whereas:

- (1) The beneficiary has requested the Agency on 30/09/2020 to amend the above-mentioned grant agreement for the following reason(s): i) to extend the end date of the Action following delays, ii) to change the name of the legal representative and the name of the contact person and iii) to perform minor budget transfers..
- (2) The measures provided for in this amendment do not affect the award of the Union financial aid.

HAVE AGREED AS FOLLOWS:

Article 1

(1) Article 2.2 is replaced by the following article:

"2.2 The action shall run from 01/01/2016 ("the starting date") until 22/03/2024 ("the completion date")."

(2) Article 4.1.1 "Reporting periods" is replaced by the following article:

"4.1.1 Reporting periods"

The action is divided into the following reporting periods:

- Reporting period 1 from the starting date of the action to 31 December 2016;
- Reporting period 2 from 1 January 2017 to 31 December 2017;
- Reporting period 3 from 1 January 2018 to 31 December 2018;
- Reporting period 4 from 1 January 2019 to 31 December 2019;
- Reporting period 5 from 1 January 2020 to 31 December 2020;
- Reporting period 6 from 1 January 2021 to 31 December 2021;
- Reporting period 7 from 1 January 2022 to 31 December 2022;
- Last reporting period from 1 January 2023 to the completion date of the action."

(3) Article 6.3 is replaced by the following article:

"6.3 Communication details of the beneficiaries"

Any communication from the Agency to the beneficiaries shall be sent to the following addresses:

For State Enterprise "National Railway Infrastructure Company":

Neli Andreeva

Director of Strategic Development and Investment Projects Directorate

Maria Luisa blvd. 110, 1233 Sofia, Bulgaria

E-mail address: n.andreeva@rail-infra.bg"

(4) Annex I shall read as follows:

"ANNEX I

DESCRIPTION OF THE ACTION

ARTICLE I.1 – IMPLEMENTATION OF THE TEN-T NETWORK

The action contributes to the implementation of the:

- the core network
- Corridor(s): Orient/East-Med
- Pre-identified section(s) on the core network corridor(s):
 - Vidin - Sofia - Burgas/TR border Sofia - Thessaloniki - Athína/Piraeus

ARTICLE I.2 – LOCATION OF THE ACTION

I.2.1 Member State(s): Bulgaria.

I.2.2 Region(s) (using the NUTS2 nomenclature): Yugozapaden (BG41).

I.2.3 Third country(ies): not applicable.

ARTICLE I.3 – SCOPE AND OBJECTIVES OF THE ACTION

The current infrastructure parameters (i.e. double track, electrified, with a normal railway track gauge 1435 mm, operational speed for passenger transport 130 km/h and 60 km/h for freight, 22.5 t axle load) of the 9.925-km-long railway section Sofia (incl./1+200) – Voluyak (incl./8+725) along the Orient-East Med core network corridor are not fully compliant with the technical requirements set out in the Regulations (EU) No 1315/2013 and No 1299/2014, and the Interoperability Directive 2008/57/EC.

These constraints limit the competitiveness of the railway line and create important bottlenecks in the overall railway network in Bulgaria.

The proposed Action is part of the Global project that aims to remove existing bottlenecks in the Sofia railway junction by upgrading the concerned sections of the railway.

The general objectives of the Action are:

- Aiming at removing the bottlenecks in this section of the railway line;
- Ensuring an optimal level of integration and of interoperability in this railway section in compliance with Regulation (EU) No 1299/2014 and the Interoperability Directive 2008/57/EC;
- Improving and maintaining the quality of infrastructure in terms of safety, security and efficiency;
- Supporting modal split by fostering the use of railway transport;
- Aiming at increasing the interoperability of the proposed line and respectively along the Orient/East-Med corridor;
- Improving safety along the proposed railway route by removing level crossings and intersections or replacing them by grade separate ones;

- Helping in greenhouse gases reduction by making the railway transport more attractive and diverting the congested motor traffic from road transport to the more environmentally friendly rail transport mode by establishing centres for transition from motor traffic to the use of and/or connection with the rail transport.

The scope of the action is:

The modernisation and upgrade of the existing 9.925-km-long double track railway section from Sofia (incl.) – Voluyak (incl.) along the Orient-East Med Corridor, including construction, signalling and telecommunication works, and ERTMS deployment.

The upgraded section will be in line with EU requirements for Core Network Corridors as set by Regulation (EU) No 1315/2013 of the European Parliament and of the Council of 11 December 2013 on Union guidelines for the development of the trans-European transport network and repealing Decision No 661/2010/EU, namely: 22.5 t axle load, ERTMS system, at least 750 m long passing tracks allowing a train length of 740 m, and at least 100 km/h speed.

ARTICLE I.4 – ACTIVITIES

I.4.1 Activities timetable

Activity number	Activity title	Indicative start date	Indicative end date	Milestone number
1	Land acquisition and obtaining of construction permit(s) for the works	15/02/2016	15/07/2021	7, 8
2	Construction, signalling and telecommunication works	01/11/2016	26/07/2023	4, 10, 14, 16, 17, 18, 21, 22, 24
3	ERTMS deployment on the Sofia - Voluyak railway section	01/11/2016	22/03/2024	5, 11, 15, 19, 20, 23, 25, 28, 31, 32, 33, 34
4	Supervision of construction works and ERTMS deployment	01/03/2016	22/03/2024	1, 3, 26, 35, 36, 37
5	Interoperability compliance assessment	01/12/2016	22/03/2024	6, 12, 29, 30, 38, 39, 40, 41
6	Archaeological monitoring during construction works	01/12/2016	25/11/2022	9, 13, 27
7	Project management and communication	01/01/2016	22/03/2024	2, 42, 43

I.4.2 Activities description

Activity 1: Land acquisition and obtaining of construction permit(s) for the works

Sub-activity 1.1 Land acquisition

This Sub-activity covers the expropriation of land along the railway line.

Sub-activity 1.2 Obtaining of construction permit(s) to start the construction phase

This Sub-activity covers obtaining the necessary construction permit(s) in order to start with the construction works.

Expected deliverables for Activity 1 include:

- Ownership and other documents for the transfer of the expropriated land;
- Construction permit(s) issued.

Activity 2: Construction, signalling and telecommunication works

The Activity covers the rehabilitation and upgrade of the 9.925-km-long Sofia (incl.) – Voluyak (incl.) double track railway section along the Orient-East Med Corridor. The upgraded section will be in line with the requirements as set out in the Regulations (EU) No 1315/2013 and No 1299/2014, and the Interoperability Directive 2008/57/EC.

Sub-activity 2.1 Public procurement procedure for the selection of contractor for construction, signalling and telecommunication works

This Sub-activity covers the preparation of the technical specifications for the procurement of the constructions works for the above mentioned railway section. It will be carried out in line with the national and EU legislation on public procurement.

Sub-activity 2.2 Construction works at permanent infrastructure

This Sub-activity entails the following tasks:

a. Track reconstruction of the 6.05-km-long, electrified double track railway section Sofia (excl.) – Voluyak (excl.), from switches no. 18 and no. 24 at km 0+980 of Sofia Central station to switches no. 4 and no. 6 at km 7+030 of Voluyak station.

b.1 Reconstruction of 28 rail tracks layouts allowing a train length of 740 m at the following locations:

- 13 tracks (lengths: 745 m; 730 m; 780 m; 841 m; 1123 m; 1168 m; 938 m; 766 m; 614 m; 581 m; 761 m; 662 m; 572 m) in Sofia Central station and 78 new switches for serving the station;

- 15 tracks (lengths: 438 m; 492 m; 686 m; 775 m; 930 m; 930 m; 850 m; 893 m; 755 m; 725 m; 737 m; 705 m; 290 m; 240 m; 205 m) in Voluyak station and 62 new switches for serving the station.

b.2 Construction of the new Obelya station rail track layout with 6 new tracks (lengths: 590 m; 540 m; 540 m; 580 m; 532 m; 532 m) and 14 new switches for serving the station.

c. Construction of a new third track with total length of 5,980 km from km 1+000 at Sofia Central station to km 6+980 at Voluyak station.

d. Construction of an additional new track from km 2+600 to km 3+980 for connection to wagon repair depot Nadezhda.

e. Construction of 13 new platforms at the following stations/stops:

- Nadezhda stop – 1 new platform (length: 220 m);
- Vrabnitsa stop – 2 new platforms (220 m);
- Obelya stop – 2 new platforms (2 x 300 m);
- Obelya station – 4 new platforms (2 x 500 m and 2 x 450 m);
- Voluyak station – 4 new platforms (4 x 300 m).

f. Construction of a new tunnel with length 110 m at km 3+325 to serve a single track line for connection between new Obelya station and wagon repair depot Nadezhda and passing under the existing double track line and the new third track.

g. Removal of 3 pedestrian and 2 road level crossings at the following locations:

- Nadezhda stop at km 1+874 – 1 pedestrian level crossing;
- Open track section between Nadezhda and Vrabnitsa stops km 2+681 - 1 pedestrian level crossing ;
- Vrabnitsa stop at km 3+614 – 1 pedestrian level crossing;
- km 5+533 – 1 road level crossing;
- km 6+601 – 1 road level crossing.

h. Construction of 6 pedestrian underpasses and 1 pedestrian overpass at the following locations:

- Nadezhda stop at km 1+874 – 1 pedestrian underpass;
- Open track section between Nadezhda and Vrabnitsa stops at km 2+684– 1 pedestrian underpass;
- Vrabnitsa stop at km 3+597 – 1 pedestrian overpass;
- Obelya stop at km 4+903 – 1 pedestrian underpass;
- Open track section between Obelya stop and Voluyak station at km 5+515 and at km 6+087 - 2 pedestrian underpasses;
- Voluyak station platform at km 7+910 – 1 pedestrian underpass.

i. Construction of 1 road underpass at km 7+584 at Voluyak station.

j. Reconstruction of 3 bridges at km 1+389 (length: 23 m), km 2+481 (25 m) and km 5+827 (27.5 m).

k. Construction of one passenger building for the new Obelya station, including a "kiss and ride" designated area for vehicle access to the new station allowing dropping off/picking up of passengers

l. Reconstruction of 6 culverts with the following chainage:

- km 3+890;
- km 4+626;
- km 5+142;
- km 5+501;
- km 6+741;
- km 7+591.

m. Construction of noise protection barriers in proximity of urban areas located between km 1+000 and km 8+725 (length: 4,500 m).

n. Reconstruction of 31 km of overhead line equipment (OLE) along the existing alignment and installation of 10 km of new OLE with respective catenary for the new railway section.

o. Upgrade and construction of signalling system of railway stations and intersections and upgrade of telecommunication system according to TSI on infrastructure standards for 9.925-km-long railway line from Sofia to Voluyak and the interlockings of the stations Sofia Central, Voluyak and Obelya.

- Signalling system: installation of 12 km new cable duct system along the line (including stations) for installation of fiber optical cable for signaling and telecommunications.

- Basic telecommunication systems and sub-systems (optical and copper cables): transmission system; dispatcher telephony; administrative telephony; building-up of digital cell radio system; building-up and put in operation of new digital telephone exchange, based on IP technologies; station clocks; passenger information system; power supply; building-up of structural cabling in each point.

- Technical premises: repair of the technical premises for meeting the normative requirements for operation of digital telecommunication systems; building-up of earth installations of the telecommunication premises and systems; provision of operation of the contemporary system for remote control– SCADA).

- Interlockings: purchase and installation of equipment for train operations that include automatic block system with intermediate block signals and with axle counters; computer interlocking (CI) with routed shunting activities for all stations.

Stations will be controlled from the working place of the Train Operation Manager of the station and a central control Dispatcher Centre (the latter not being part of this Action).

p. Installation of 14 km of new drainage system for the entire railway section.

q. Installation of 13 gradient and 12 kilometre post signs along the railway section.

Expected deliverables for Activity 2 include:

- 6.05-km-long double track railway section Sofia (excl.) – Voluyak (excl.) reconstructed;
- 10.28-km-long single rail track at Sofia Central station and 9.65-km-long single rail track at Voluyak station reconstructed;
- 3.31 km of single rail track at new Obelya passenger station constructed;
- New third track from km 1+000 at Sofia Central station to km 6+980 at Voluyak station and new single track for connection to wagon repair depot Nadezhda from km 2+600 to km 3+980 constructed;
- 13 new platforms constructed;
- 1 new tunnel constructed;
- 5 level crossings removed;
- 1 passenger building for the new Obelya station, including the external access to the station (i.e. "kiss and ride") constructed;
- 6 pedestrian underpasses and 1 pedestrian overpass constructed;
- 1 road underpass constructed;
- 3 bridges reconstructed;
- 6 culverts reconstructed;
- 4,500 m of noise protection barriers constructed;
- 31 km of OLE equipment reconstructed and 10 km of new OLE equipment installed;
- Signalling and telecommunication system upgraded along the entire railway section;
- 12 km of cable ducts installed;
- 14 km of new drainage system installed.

The quantities, lengths and other physical indicators for the main infrastructure components may be subject to revision following the completion of the detailed (i.e. technical) design by 31/12/2015.

Activity 3: ERTMS deployment on the Sofia - Voluyak railway section

The activity covers the deployment of ERTMS Level 1, ETCS Baseline 2, release 2.3.0d of 21.36-km-long (6.05 km double line existing between Sofia and Voluyak stations, 7.36 km new single line or equivalent of 3.68 km double line; 9.65 km total length in Voluyak station or equivalent of 4.83 km double line; 10.28 km total length in Sofia station or equivalent of 5.14 km double line; and 3.31 km total length in new Obelya passenger station or equivalent of 1.66 km double line) on the electrified double-track equivalent between Sofia (incl. central station) – Voluyak (incl. station).

Sub-activity 3.1 Public procurement for the selection of a contractor for the ERTMS works on the Sofia - Voluyak railway section

This Sub-activity covers the preparation of the technical specifications for the procurement of the ERTMS works for the above mentioned railway section. It will be carried out in line with the national and EU legislation on public procurement.

Sub-activity 3.2 Deployment of ERTMS

This Sub-activity covers the deployment of ERTMS Level 1, ETCS Baseline 2, release 2.3.0d for the following railway sections:

- 6.05 km double line existing between Sofia and Voluyak stations;
- 7.36 km new single line or equivalent of 3.68 double line;
- 9.65 km total length in Voluyak station or equivalent of 4.83 km double line;
- 10.28 km total length in Sofia station or equivalent of 5.14 km double line;
- 3.31 km total length in new Obelya passenger station or equivalent of 1.66 km double line.

Expected deliverables for Activity 3 include:

- Signed contract for ERTMS deployment;
- ERTMS Level (1), Baseline 2, release 2.3.0d (including GSM-R) on 21.36 km long, double-track route section between Sofia (incl. Central station) – Voluyak (incl. station), which is part of the Orient East Med Core Network Corridor deployed;
- EC declaration of conformity for each interoperability constituent relevant for ERTMS issued by the supplier or the supplier's authorised representative established within the Union, including all the relevant certificates of conformity from a Notified Body; The EC declaration of conformity shall be fully in line with annex V of the Interoperability Directive;
- Information regarding tests results (test report including the operational scenarios) in line with the applicable TSI CCS, performed with on-board unit(s) provided by at least one different supplier to the one in charge of the line equipment. The on-board unit(s) used for the tests shall be compliant with the applicable TSI CCS.

Activity 4: Supervision of construction works and ERTMS deployment

The objective of this Activity is to supervise the construction works and the ERTMS

deployment in the above mentioned railway section.

Sub-Activity 4.1 Public procurement procedure for the selection of a contractor for the supervision of construction works and ERTMS deployment

This Sub-activity covers the preparation of the technical specifications and the entire tender dossier for the procurement of the supervision of the construction works and ERTMS deployment for the above mentioned railway section. It will be carried out in line with the national and EU legislation on public procurement.

Sub-activity 4.2 Supervision of the construction works and ERTMS deployment

This task will be implemented by the selected contractor who will monitor and control the construction works and the ERTMS deployment in accordance with the national legislation.

Expected deliverables for activity 4 include:

- Implementation of all related controls in accordance with the national legislation.

Activity 5: Interoperability compliance assessment

This Activity is aimed at verifying and assessing the compliance with interoperability requirements, according to the relevant national and EU legislation. It will guarantee that each sub-system will conform to the applicable TSI both during the construction and renovation and during operation, in order to fulfil the essential requirements for achieving interoperability of the national railway system with that in the European Union.

Sub-activity 5.1 Tender for the selection of a contractor for verifying and assessing the construction and ERTMS works

This Sub-activity covers the preparation of the technical specifications and the complete tender dossier for the procurement of the contractor in charge of preparing the necessary documentation for the verification and assessment of the compliance with interoperability requirements, according to the requirements of the national and EU legislation.

Sub-activity 5.2 Interoperability compliance assessment by a Notified body

This task will be implemented by the selected contractor (Notified Body - NoBo) who will verify and assess the compliance with interoperability requirements (applicable TSIs), leading to authorisation placing in service the modernised rail lines covered by the action. The verification will be carried out in line with relevant national and EU legislation.

Deliverables of this Sub-activity include authorisation procedure documents. Reference of the following documents to the above mentioned railway section must be clearly demonstrated:

- EC declaration of verification of the sub-systems issued by the applicant for each sub-system installed including all the relevant EC certificates of verification of sub-system from a NoBo and DeBo and the safety assessment report following applicable TSI. The EC declaration of verification shall be fully in line with annex V of the Interoperability Directive.
- Copy of an application for a National Safety Authority authorisation placing the railway

line section(s) in service or the NSA authorisation in case available by the time the final payment claim is due.

Activity 6: Archaeological monitoring during construction works

This Activity covers the monitoring of archaeological sites located along the above mentioned railway section in accordance with the national legislation in force.

Sub-activity 6.1. Public procurement procedure for the selection of a contractor for the archaeological monitoring

This Sub-activity covers the preparation of the technical specifications and the entire tender dossier for the selection of a contractor for the archaeological monitoring according to the national legislation.

Sub-activity 6.2. Archaeological monitoring during construction phase

This task will be implemented by the selected contractor who will carry out archaeological monitoring during construction works in accordance with the existing national legislation.

Expected deliverables for Activity 6 include:

- Report on Archaeological monitoring during construction works approved by the NRIC.

Activity 7: Project management and communication

Sub-Activity 7.1 Project Management

This Activity covers the management, coordination and communication of the Action. The Project Implementation Unit (PMIU) in the NRIC will be responsible for the project management and coordination, financial management, monitoring, internal quality control, reporting, and coordination meetings.

Sub-Activity 7.2 Communication

This Sub-activity covers communication and dissemination activities.

Expected deliverables for Activity 7 include:

- Communication action plan.

ARTICLE I.5 – MILESTONES AND MEANS OF VERIFICATION

Milestone number	Milestone description	Indicative completion date	Means of verification
1	Launch of the public procurement procedure for the supervision of the works and the ERTMS deployment (Activity 4)	06/02/2017	Publication of the procurement notice in the OJEU
2	Communication action plan (Activity 7)	26/04/2016	Plan approved by the INEA

3	Contract signed for supervision of construction works and ERTMS deployment (Activity 4)	24/07/2018	Publication of the award notice in the OJEU
4	Launch of the public procurement procedure for the construction, signalling and telecommunication works (Activity 2)	06/11/2017	Publication of the procurement notice in the OJEU
5	Launch of the public procurement procedure for the ERTMS deployment (Activity 3)	13/03/2018	Procurement notice published in the OJEU
6	Launch of the public procurement procedure for the interoperability assessment (Activity 5)	09/07/2018	Publication of the procurement notice in the OJEU
7	Completion of land acquisition procedure (Activity 1)	05/07/2021	Ownership transfer documents
8	Obtaining construction permit(s) for the works (Activity 1)	04/01/2018	Publication of construction permit(s) in the State gazette.
9	Launch of the public procurement procedure for the archaeological monitoring (Activity 6)	06/10/2017	Publication of the procurement notice in the OJEU
10	Contract signed for the construction, signalling and telecommunication works (Activity 2)	30/10/2020	Publication of the award notice in the OJEU
11	Contract signed for the ERTMS deployment (Activity 3)	30/10/2020	Publication of the award notice in the OJEU
12	Contract signed for interoperability assessment (Activity 5)	10/12/2018	Publication of the award notice on the OJEU
13	Contract signed for archaeological monitoring (Activity 6)	19/05/2021	Publication of the award notice in the OJEU
14	Start of construction, signalling and telecommunication works (Activity 2)	04/02/2021	Protocol(s) for opening of construction site(s) signed by the Employer, Engineer, Contractor and the concerned municipalities (Act 2a signed)
15	Start of ETCS system design (Activity 3)	07/10/2020	Confirmation from the Beneficiary
16	Start of construction works for OLE and catenary system (Activity 2)	06/11/2020	Monitoring reports issued by the Engineer
17	Start of construction works for road underpass at km 7+584 at Voluyak station (Activity 2)	27/06/2022	Monitoring reports issued by the Engineer
18	Issuing of construction permit(s) for signalling and telecommunication systems (Activity 2)	18/04/2021	Construction permit(s) issued by the MRDPW
19	Start of ERTMS deployment (Activity 3)	19/04/2021	Commencement Order issued by the Engineer
20	Interoperability Constituents conformity (Activity 3)	20/03/2024	EC declaration of conformity for each Interoperability Constituent
21	Completion of construction works for road underpass at km 7+584 at Voluyak station (Activity 2)	13/11/2022	Taking Over Certificate issued by the Engineer
22	Completion of construction works for OLE and catenary system (Activity 2)	26/04/2023	Taking Over Certificate issued by the Engineer
23	Interoperability field tests on Sofia - Voluyak railway section (Activity 3)	22/03/2024	Test report including operational scenarios
24	Completion of all construction, signalling and telecommunication works (Activity 2)	26/04/2023	Taking Over Certificate(s) issued by the Engineer
25	Completion of ERTMS deployment (Activity 3)	20/03/2024	Taking Over Certificate(s) issued by the Engineer

26	Final report as per art. 168 of the Spatial Development Act (SDA) for completion of all construction and installation works (Activities 2 and 3)	22/03/2024	Final report issued by the Engineer
27	Approved final report for the archaeological monitoring during construction works (Activity 6)	25/11/2022	Report approved by the Ministry of Culture
28	Signing of Act 16 (commissioning) for construction, signalling, telecommunication and ERTMS works (Activity 3)	22/03/2024	Signed Act 16 and Use Permit issued by State Acceptance Committee (SAC)
29	Sub-systems verification of the Sofia - Voluyak railway section (Activity 5)	20/03/2024	EC declaration of verification of the sub-systems, incl. EC Certificate of verification from NoBo
30	NSA authorisation of the Sofia - Voluyak railway section (Activity 5)	22/03/2024	Copy of application for NSA authorisation
31	ERTMS FAT/ Reports on factory field tests and approvals (Activity 3)	08/02/2022	ERTMS FAT/ Reports on factory field tests and approvals (Activity 3)
32	Site testing and acceptance (SAT) – Sofia Central Station (Activity 3)	04/12/2022	Protocol for approval issued by Beneficiary and Engineer
33	Site testing and acceptance (SAT) – Obelya station (Activity 3)	02/04/2023	Protocol for approval issued by Beneficiary and Engineer
34	Site testing and acceptance (SAT) – Voluyak station (Activity 3)	20/12/2023	Protocol for approval issued by Beneficiary and Engineer
35	Prepared Annual progress report on implemented activities for construction supervision (Activity 4)	23/12/2021	Protocol for approval issued by Beneficiary
36	Prepared Annual progress report on implemented activities for construction supervision (Activity 4)	23/12/2022	Protocol for approval issued by Beneficiary
37	Prepared Annual progress report on implemented activities for construction supervision (Activity 4)	23/12/2023	Protocol for approval issued by Beneficiary
38	Report on design verification - “Control-command and signalling” subsystem (Activity 5)	03/07/2021	Protocol for acceptance issued by Beneficiary
39	Report on design verification – subsystems the “Infrastructure” and “Energy” (Activity 5)	13/09/2021	Protocol for acceptance issued by Beneficiary
40	Report on system installation “Control-command and signalling” subsystem (Activity 5)	20/12/2023	Protocol for acceptance issued by Beneficiary
41	Report on system installation – subsystems the “Infrastructure” and “Energy” for Sofia-Voluyak section, incl Obelya station (Activity 5)	04/05/2022	Protocol for acceptance issued by Beneficiary
42	Billboard installation (Activity 7)	01/07/2021	Installed billboard
43	Organising final public event to present completion of the Action (Activity 7)	23/12/2023	Organised public event

(5) Table 2 of Annex III "Estimated budget of the Action" is replaced by the following table:

Table 2: Indicative breakdown per activity of estimated eligible costs of the action (EUR)

Activities	2016	2017	2018	2019	2020	2021	2022	2023	2024	Total
ELIGIBLE DIRECT COSTS										
Activity 1	0	0	918	86	2,709,961	2,731,000	0	0	0	5,441,965
Activity 2	0	0	0	0	14,983,503	28,520,742	21,418,964	26,797,586	0	91,720,795
Activity 3	0	0	0	0	622,838	397,270	626,034	850,947	372,029	2,869,118
Activity 4	0	0	242,710	0	472,618	472,618	472,619	281,116	485,421	2,427,102
Activity 5	0	0	0	0	69,748	69,748	69,748	73,235	31,389	313,868
Activity 6	0	0	0	0	3,393	5,483	6,393	0	0	15,269
Activity 7	24,014	60,615	269,402	235,175	200,000	212,000	212,000	159,724	50,000	1,422,930
TOTAL ELIGIBLE DIRECT COSTS	24,014	60,615	513,030	235,261	19,062,061	32,408,861	22,805,758	28,162,608	938,839	104,211,047
Annual instalments of maximum CEF contribution	17,530.22	44,248.95	374,511.9	171,740.53	13,915,304.53	23,658,468.53	16,648,203.34	20,558,703.84	685,352.47	76,074,064.31

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Article 2

All the other provisions of the grant agreement shall remain unchanged.

Article 3

The present amendment shall form an integral part of the grant agreement and it shall enter into force on the date on which it is signed by the last party. It shall take effect on 31/12/2020.

SIGNATURES

For the beneficiary State Enterprise
"National Railway Infrastructure
Company"
Krasimir Papukchiyski

For the Agency
Andreas Boschen

Done at Sofia, on

Done at Brussels, on

In duplicate in English.