



**Innovation and Networks Executive Agency**

Department C - Connecting Europe Facility (CEF)

### **AMENDMENT N° 4**

### **TO AGREEMENT No INEA/CEF/TRAN/M2015/1125609**

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**

**Správa železniční dopravní cesty, státní organizace (SŽDC,s.o.) (SZDC)**

Public law body

Registration No A 48384

Dlážděná 1003/7

110 00 Praha

Czech Republic

VAT No CZXXXXX,

represented for the purposes of signature of this amendment by Deputy DG for Rail Modernization, Mojmir Nejezchleb

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 28/10/2016 as amended on 21/12/2016, 14/11/2017 and 24/10/2018,

Whereas:

- (1) The beneficiary has requested the Agency on 29/08/2018 to amend the above-mentioned grant agreement for the following reason(s): delays due to the cancellations of the procurement procedures, interferences with other CEF funding expected infrastructure works located on the Kolin-Prague line that required the reduction of the scope of the Action accordingly
- (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) In Article 1 the title of the action "ETCS Kolin - Praha Junction (including)" is replaced by "ETCS Cesky Brod - Praha Junction (including)".

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

"2.2 The action shall run from 30/11/2016 ("the starting date") until 31/12/2020 ("the completion date")."

(3) Article 3 "Maximum amount and form of the grant" is replaced by the following article:

### "ARTICLE 3 - MAXIMUM AMOUNT AND FORM OF THE GRANT

The grant for the action shall be of a **maximum amount of EUR 5,295,500**.

The grant shall take the form of:

- (a) the reimbursement of 85% of the eligible costs of the action ("reimbursement of eligible costs"), which are estimated at EUR 6,230,000 and which are:
  - (i) actually incurred ("reimbursement of actual costs")
  - (ii) reimbursement of unit costs: not applicable
  - (iii) reimbursement of lump sum costs: not applicable
  - (iv) reimbursement of flat-rate costs: not applicable
  - (v) declared on the basis of an amount per unit calculated in accordance with the beneficiary's usual cost accounting practices ("reimbursement of costs declared on the basis of the beneficiary's usual cost accounting practices") for personnel costs
- (b) unit contribution: not applicable
- (c) lump sum contribution: not applicable
- (d) flat-rate contribution: not applicable"

(4) 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 2017;
- Reporting period 2 from 1 January 2018 to 31 December 2018;
- Reporting period 3 from 1 January 2019 to 31 December 2019;
- Last reporting period from 1 January 2020 to the completion date of the action."

(5) 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
  - Horizontal priority: Telematic applications systems for rail (ERTMS).
  - Corridor(s): Orient/East-Med
  - Pre-identified section(s) on the core network corridor(s):
    - Hamburg - Dresden - Praha - Pardubice

#### ARTICLE I.2 – LOCATION OF THE ACTION

I.2.1 Member State(s): Czech Republic.

I.2.2 Region(s) (using the NUTS2 nomenclature): Praha (CZ01), Strední Cechy (CZ02).

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

#### ARTICLE I.3 – SCOPE AND OBJECTIVES OF THE ACTION

The "ETCS Cesky Brod - Praha Junction" is an important Action within the global ETCS deployment project, related to the backbone rail network in the Czech Republic. It is part of the "ERTMS National Implementation Plan, which aims at deploying ETCS on approximately 1,350 km of railway lines in the Czech Republic by 2020. Three of the nine TEN-T Core Network Corridors cross the territory of the Czech Republic: the Baltic-Adriatic, the Orient/East-Med and the Rhine-Danube Corridors.

The present Action aims at deploying ETCS L2, Baseline 2 or higher on the Cesky Brod – Praha Junction on approximately 59 km of double track. This section is part of the Orient/East-Med Core Network Corridor.

The deployment of ETCS L2 within the Czech rail infrastructure, which forms part of the Trans-European conventional rail network, will increase interoperability and safety on European Core railway network. It will be beneficial for the Czech Republic not only in terms of interoperability, but also in terms of increased rail transport safety and efficiency. This will help consolidate the position of the Czech railways in transit transport, particularly within the European Rail Freight Corridors (RFC 7, 9).

The implementation of the Action will increase the level of safety, utilization capacity, as well as the general efficiency of rail transport management in the Czech Republic. The deployed system will respect a mixed operation of ETCS equipped and non-equipped trains on conventional lines according to the operating rules applicable to the infrastructure managed by the Rail Infrastructure Administration and will not be a hindrance for the use of the current railway capacity provided by the existing infrastructure.

This Action will be implemented in the frame of the contract for ETCS deployment on section Kolin-Praha junction (including)



## ARTICLE I.4 – ACTIVITIES

### I.4.1 Activities timetable

Activity number	Activity title	Indicative start date	Indicative end date	Milestone number
1	ETCS deployment on the section Cesky Brod - Praha Junction (including)	30/11/2016	31/12/2020	1, 2, 3, 4, 5, 6, 7, 8

### I.4.2 Activities description

#### **Activity 1: ETCS deployment on the section Cesky Brod - Praha Junction (including)**

This activity covers the deployment of ERTMS on approximately 59 km double track section between Cesky - Praha Junction, which is part of the Orient – East Med Core Network Corridor. The line will be equipped with Level 2, Baseline 2 or higher. In case of Baseline 2, this Action should implement national values for braking curves (Commission Regulation (EU)2016/919, Annex A, subset-026, packet 203). This will guarantee interoperability and avoid exported constraints from track to train. The trackside must be interoperable and fully compatible with railway vehicles equipped with ETCS on-board certified by ETCS Baseline 2, and vehicles equipped with ETCS on-board certified by ETCS Baseline 3 according to actual TSI CCS. This activity is split into 3 sub-activities which are:

A1.1. Preparation of the construction design

A1.2. Deployment

A1.3. Testing and certification

## ARTICLE I.5 – MILESTONES AND MEANS OF VERIFICATION

Milestone number	Milestone description	Indicative completion date	Means of verification
1	A1.1. Contract (design and build) for ETCS deployment on section Kolin - Praha junction (incl)	08/08/2018	Contract signed
2	A1.1. Start of the system design section Cesky Brod - Praha Junction (incl)	15/08/2018	Confirmation from the beneficiary
3	A1.1. Completion of the system design section Cesky Brod - Praha Junction (incl.)	31/05/2019	Confirmation from the beneficiary
4	A1.2 Interoperability Constituents Conformity	31/08/2019	EC declaration of conformity for the Interoperability
5	A1.2. ETCS deployment on the section Cesky Brod - Praha Junction (incl.) launched	31/03/2019	Confirmation from the beneficiary
6	A1.2. Operational tests description and results on the section Cesky Brod - Praha Junction (incl.)	30/09/2020	Test report description
7	A1.3. Subsystem verification of the section Kolin - Praha Junction (incl.) completed	31/10/2020	EC declaration of verification of the subsystem and EC certificates
8	A1.3. Authorisation of the section Cesky Brod - Praha Junction (incl.) by a competent authority	31/12/2020	Authorisation requested

"

(6) Annex III shall read as follows:

**"ANNEX III  
ESTIMATED BUDGET OF THE ACTION**

**Table 1: Planned sources of financing of the eligible costs of the action**

Financing sources	Amount of financial contribution to the action eligible costs (EUR)
1. CEF-Transport financing	5,295,500
2. Beneficiary's own resources of which:	0
(a) EIB loan	0
3. State budget(s)	934,500
4. Regional/ local budget(s)	0
5. Income generated by the action	0
6. Other sources	0
<b>TOTAL</b>	<b>6,230,000</b>

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

Activities	2016	2017	2018	2019	2020	Total
<b>ELIGIBLE DIRECT COSTS</b>						
Activity 1	0	0	0	2,725,000	3,505,000	6,230,000
<b>TOTAL ELIGIBLE DIRECT COSTS</b>	0	0	0	2,725,000	3,505,000	6,230,000
<b>ANNUAL INSTALLMENTS OF MAXIMUM CEF CONTRIBUTION</b>						
	0	0	0	2,316,250	2,979,250	5,295,500

**Table 3: Indicative breakdown per beneficiary of the maximum CEF contribution (EUR)**

Not applicable.  
"

## **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 30/11/2018.

## **SIGNATURES**

For the beneficiary Správa železniční  
dopravní cesty, státní organizace  
(SZDC,s.o.)  
Mojmír Nejezchleb

For the Agency

Andreas Boschen

Done at Praha, on 23/11/2018

Done at Brussels, on 05/12/2018

In duplicate in English.



**Ověřovací doložka změny datového formátu dokumentu podle § 69a zákona č. 499/2004 Sb.**

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**Jméno a příjmení osoby, která změnu formátu dokumentu provedla:**

System ERMS (zpracovatel dokumentu Alois SLAVÍČEK)

**Subjekt, který změnu formátu provedl:** Správa železniční dopravní cesty, státní organizace

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