



**European Climate, Infrastructure and Environment Executive Agency**

Sustainable Networks and Investments Department  
Unit B2 - CEF Transport

**AMENDMENT N° 3  
TO AGREEMENT No INEA/CEF/TRAN/M2016/1365578**

The **European Climate, Infrastructure and Environment Executive Agency (CINEA)** ("the Agency"), under the powers delegated by the European Commission ("the Commission"), represented for the purposes of signature of this amendment by the Acting Head of Unit B2 of the Agency, Olivier Silla,

on the one part,

**and**

**Správa železnic, státní organizace (Správa železnic)**

State organisation

Registration No A 48384

Dlážděná 1003/7

11000 Praha

Czech Republic

VAT No CZ70994234,

represented for the purposes of signature of this amendment by Deputy Director General for Rail Modernisation, Mojmír 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 26/10/2017 as amended on 05/11/2018 and 02/03/2020,

Whereas:

- (1) The beneficiary has requested the Agency on 29/12/2022 to amend the above-mentioned grant agreement for the following reason(s): (i) implementation and Covid-related delays affecting the implementation schedule and end date of the Action; (ii) adjustments to the technical description of the construction works performed under Activity 5 due to the results of the finalised detailed design.
- (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 19/09/2017 ("the starting date") until 31/12/2024 ("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 2018;
- Reporting period 2 from 1 January 2019 to 31 December 2019;
- Reporting period 3 from 1 January 2020 to 31 December 2020;
- Reporting period 4 from 1 January 2021 to 31 December 2021;
- Reporting period 5 from 1 January 2022 to 31 December 2022;
- Reporting period 6 from 1 January 2023 to 31 December 2023;
- Last reporting period from 1 January 2024 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 Správa železnic, státní organizace:

Radka Šnajdrová

Head of EU grant management Department

Dlážděná 1003/7, 11000 Praha, Czech Republic

E-mail address: snajdrova@spravazeleznic.cz"

(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, Rhine - Danube
  - Pre-identified section(s) on the core network corridor(s):
    - Praha - Brno - Breclav

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

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

I.2.2 Region(s) (using the NUTS2 nomenclature): Strední Čechy (CZ02).

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

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

The Action is part of a Global Project addressing an upgrade of the conventional railway line Praha-Brno, which represents a capacity and interoperability bottleneck on the Czech core network. It is located on the pre-identified section Praha-Brno-Břeclav of the Orient/East-Med Core Network Corridor, as well as on the Rhine-Danube Core Network Corridor.

The Action's overall objective is to upgrade the railway section between Mstětice Railway Station (excluding) and Praha-Vysočany Railway Station (including), which is located on the Lysá nad Labem – Praha railway line. Two further EU funded Actions target the same railway line: "Modernisation of Čelákovice railway station" (2016-CZ-TMC-0014-W) and "Upgrade of the Lysá nad Labem – Čelákovice railway line" (2016-CZ-TMC-0106-M).

The specific objectives of the Action are to:

- increase the speed and reduce travel times;
- modernise the interlocking and signalling equipment;
- improve passenger safety and comfort;
- enhance the interoperability in line with the applicable technical specifications;
- enhance the capacity of the line.

The technical parameters to be achieved are:

- axle load of 22.5 tons;
- increase the speed up to 140 km/h;
- nominal track gauge of 1,435 mm;
- D4 line load class;

- UIC GC spatial clearance.

The Action does not include the deployment of ERTMS, which will be subject of a separate action in line with the Czech National Deployment Plan.

The Action consists of studies, land acquisition, construction works and construction works supervision. The studies address the elaboration of project documentation for the acquisition of the building permit, as well as the elaboration of the tender documentation and the public procurement procedure for the works contract(s). The land acquisition is necessary to fully implement the planned construction works. The construction works are divided into three sections. They cover the upgrade of the existing railway line, the upgrade of existing railway stations and stops, and the construction of one new railway stop. Project management will be ensured by the beneficiary at its own expenses and within the established management structure for the implementation of EU funded projects.

The fulfilment of EU environmental law, in particular, the provisions of Directive 2011/92/EU on the assessment of the effects of certain public and private projects on the environment, Directive 2001/42/EC on the assessment of the effects of certain plans and programmes on the environment, Directive 2009/147/EC on the conservation of wild birds, Directive 92/43/EEC on the conservation of natural habitats and of wild flora and fauna, Directive 2000/60/EC establishing a framework for community policy in the field of water, is a pre-condition for the disbursement of EU financial aid to the Action. The compulsory assessments must be duly completed and approved by the competent authorities according to national law and in line with requirements of relevant EU legislation before the start of the physical intervention. If this information is not provided or is not positively assessed by the Commission services, the Agency may suspend, reduce, recover or terminate financial assistance in accordance with articles II.15, II.16, II.24.5 and II.25.4.

## ARTICLE I.4 – ACTIVITIES

### I.4.1 Activities timetable

Activity number	Activity title	Indicative start date	Indicative end date	Milestone number
1	Preparatory studies	19/09/2017	31/12/2022	1, 2, 3, 4, 5, 6
2	Land acquisition	29/10/2018	31/12/2024	7
3	Construction works Mstětice (excl.) – Skály Overtaking Station (excl.) track section (km 14.546 – 22.666)	21/05/2020	30/06/2024	8, 9, 10, 11, 12, 13, 14, 15
4	Construction works Skály Overtaking Station (incl.) – Praha-Vysočany (excl.) track section (km 12.433 - 7.223)	21/05/2020	31/12/2023	16, 17, 18, 19, 20, 21
5	Construction works Praha-Vysočany Railway Station (km 7.223 – 5.827)	21/05/2020	31/10/2023	22, 23, 24, 25
6	Supervision and as-built documentation	01/04/2020	31/12/2024	26, 27, 28, 29, 30, 31, 32, 33, 34

### I.4.2 Activities description

The Agency may consider failure to comply with the milestones and/or means of verifications laid down in Article I.5 and in particular with milestones 4, 13, 19, 21 and 23, as a major delay and as a non-compliance of the obligations deriving from the Agreement and may therefore terminate the Agreement according to the provisions of Article II.16.3.1.

### **Activity 1: Preparatory studies**

The Activity entails carrying out all the necessary tasks and elaborating all studies and other documents needed to start with the construction works. It consists of the following Sub-activities:

#### **Sub-activity 1.1: Documentation for acquisition of building permit**

It entails the elaboration of the detailed design and other project documentation necessary to acquire the building permit. It will be performed by an external contractor/consultant selected through a public procurement procedure. The documentation will be prepared in line with the applicable national legislation and will reflect the outcomes of the previous preparatory phases, such as the preliminary design, EIA screening, zoning decision. Requests for issuing the building permits will be submitted by the beneficiary to the competent authorities on the basis of the documents prepared by the external contractor/consultant. For the railway construction works, one single building permit will be issued by the Railway Authority. Additional building permits will be issued by other competent authorities, for instance for the renovation of existing roads.

#### **Sub-activity 1.2: Tender documentation and procurement procedure for main works contract**

It entails preparing the works tender documentation based on the outcomes of the building permit procedure. The documentation will be prepared by the contractor/consultant responsible for preparing the documentation for the acquisition of the building permit. The main works contract will be procured in compliance with the applicable public procurement law in force.

The expected deliverables of the Activity are:

- documentation for acquisition of the building permit (detailed design);
- building permit;
- tender documentation for main works contract;
- signed main works contract.

The beneficiary will assess and formally approve all deliverables produced by external contractors/consultants.

### **Activity 2: Land acquisition**

The Activity entails the acquisition/expropriation of the required land to carry out the construction works foreseen under this Action. It will consist of permanent measures (purchase of land) and temporary measures (leasing of land). It will be necessary to acquire additional land at Praha-Horní Počernice Railway Station, Praha-Vysočany Railway Station and junction Skály for enlarging the railway yard and constructing the new technological and passenger handling building. The eligible costs of land acquisition will not exceed 10% of the total eligible costs.

The expected deliverables of the Activity are:

- Extracts from land registry books related to ownership transfers to SŽDC, s.o.;
- Signed contracts regarding leasing of land.

**Activity 3: Construction works Mstětice (excl.) – Skály Overtaking Station (excl.) track section (km 14.546 – 22.666)**

The Activity entails upgrading the existing two-track railway section Mstětice (excl.) – Skály Overtaking Station (excl.) between km 14.546 and 22.666, including Praha-Horní Počernice Railway Station. It is divided into the following Sub-activities:

**Sub-activity 3.1: Preparatory works**

The main preparatory works entail:

- reconstruction of part of the existing station building at Praha-Horní Počernice Railway Station at km 20.425, which will accommodate new technological equipment dedicated to process and traffic management equipment;
- construction of 1 new 22/0.4 kV transformer plant at km 20.425;
- connections to utility networks;
- construction of temporary junctions Zeleneč at km 17.373 and Černý Most at km 22.654;
- installation of temporary interlocking equipment to ensure reliable and safe operation during construction works.

**Sub-activity 3.2: Mstětice (excl.) – Skály Overtaking Station (excl.) track section excluding Praha-Horní Počernice Railway Station (km 14.546 – 19.203 and 20.817 – 22.666)**

The main construction works entail:

**Substructure and superstructure:**

- reconstruction of railway substructure and superstructure of two-track line (new rails of type UIC60, concrete sleepers W14 ) in total length of 6'506 m;

**Bridges and culverts:**

- reconstruction of 2 reinforced concrete bridges at km 18.686 (length 10.80 m) and km 19.503 (length 9 m);
- reconstruction of 1 steel-concrete bridge at km 22.240 (length 46 m);
- reconstruction of 10 culverts at km 15.188; 15.823; 16.388; 17.222; 18.380; 18.780, 19.108, 22.400; 22.570 and 23.032.

**Underpasses:**

- reconstruction of 3 underpasses at km 15.773 (length 24.20 m), km 16.183 (length 16.65 m) and km 17.697 (length 13.65 m).

**Catenary:**

- dismantling of existing catenary from approximately km 14.546 to km 19.203 and from km 20.817 to km 22.666, i.e. approximately 6.506 km of double track line;
- construction of new catenary from approximately km 14.546 to km 19.203 and from km 20.817 to km 22.666, i.e. approximately 6.506 km of double track line, including power

supply from the new 22/0.4 kV traction substation at km 20.425 and rail return lines, as well as connecting metal structures to rails.

Communication, signalling and interlocking equipment:

- installation of temporary interlocking equipment to ensure reliable and safe operation during construction works;
- installation of new permanent signalling and electronic interlocking equipment to prepare for future ETCS deployment (ETCS deployment as such is outside the scope of the Action), including cable connections of all devices;
- installation of new communication system covering 1 radio panel, 18 speakers and 4 information boards at Zeleneč Railway Stop.

Zeleneč Railway Stop (km 15.158 – km 15.795):

- dismantling of 2 existing side platforms (total length 510 m);
- construction of 2 new side platforms (550 mm above rail level, length 200 m each);
- construction of 2 new roofs above side platforms.

Level crossings:

- reconstruction of 1 existing level crossing at km 16.379 (type PZS 3ZBI).

Lighting system:

- installation of temporary lighting systems at temporary junctions Zeleneč and Černý Most, and dismantling once the construction works have been completed;
- reconstruction of existing lighting system at Zeleneč Railway Stop.

Roads and walkways adaptation affected by the railway infrastructure works:

- renovation of existing parallel road along the line from km 18.400 to km 18.700;
- renovation of existing roads (asphalt) and walkways (concrete pavement) in the following areas: level crossing at km 16.379 (length 70 m), bridge at km 19.503 (length road 20 m, length walkways 50 m).

Sub-activity 3.3: Praha-Horní Počernice Railway Station (km 19.203 – 20.817)

The main construction works entail:

Substructure and superstructure:

- reconstruction of railway substructure and superstructure of 5 station tracks (new rails of type UIC60 and S49, concrete sleepers W14 and ŽS4, total length 1'614 m);
- installation of 13 new switches of type UIC60, 5 new switches of type S49, including electric heating of 17 switches;
- adjustment as necessary of adjacent SŽDC dead-end service tracks and utility tracks (e.g. for shunting, stacking rolling stock, etc.) and private sidings to connect them to the present state at both station accesses.

Platforms:

- dismantling 2 existing side platforms (total length 520 m);
- construction of 1 new side platform (550 mm above rail level, length 200 m).

Catenary:

- dismantling of existing catenary of 6 station tracks from approximately km 19.203 to km

20.817;

- construction of new catenary of 5 station tracks from approximately km 19.203 to km 20.817, including power supply from new 22/0.4 kV traction substation at km 20.425 and rail return lines, as well as earthing the metal structures to rails.

Communication, signalling and interlocking equipment:

- installation of temporary interlocking equipment to ensure reliable and safe operation during construction works;
- installation of permanent signalling and electronic interlocking equipment (with preparation for future ETCS deployment (ETCS deployment as such is outside the scope of the Action), including cable connection of all devices;
- installation of new communication system covering 12 CCTV cameras, 1 radio panel, 10 speakers and 8 information boards.

Technological equipment:

- installation of low-voltage and high-voltage technological equipment including transformer station 22/0.4 kV (1 transformer 22/0.4 kV, switchboards 22kV, rechargeable batteries 110 V and converter for powering the interlocking equipment), low-voltage and high-voltage switchgears;
- installation of 1 emergency dispatch centre for traffic management;
- installation of 1 local control centre to manage low-voltage and high-voltage technological equipment.

Level crossing:

- reconstruction of 2 existing level crossings at km 20.043 and km 21.209 (type PZS 3ZBI).

Lighting system:

- construction of new lighting system at rail yard and on new side platform;
- reconstruction of existing lighting system on existing island platform.

Cable duct:

- construction of 1 new cable duct (approximate length 621 m).

Roads and walkways adaptation affected by the railway infrastructure works:

- renovation of existing roads (asphalt) and walkways (concrete pavement) in the following areas: level crossings at km 20.043 (length 22 m) and km 21.209 (length 40 m).

The expected deliverables of the Activity are:

- 1 existing station building at Praha-Horní Počernice Railway Station reconstructed;
- connections to utility networks completed;
- temporary junctions Zeleneč at km 17.373 and Černý Most at km 22.654 constructed;
- temporary interlocking equipment to ensure reliable and safe operation during construction works installed;
- substructure and superstructure of existing railway tracks reconstructed;
- 18 new switches installed;
- existing dead-end service tracks, utility tracks and private sidings adjusted;
- 3 bridges and 10 culverts reconstructed;
- 3 underpasses reconstructed;
- existing catenary dismantled;
- new catenary constructed;



- 4 existing side platforms dismantled;
- 3 new side platforms constructed;
- 2 new roofs above side platforms constructed;
- 3 level crossings reconstructed;
- new permanent signalling and interlocking equipment installed;
- new communication system installed;
- 1 new transformer station 22/0.4 kV, low-voltage and high-voltage switchgears installed;
- 1 new emergency dispatch centre for traffic management installed;
- 1 local control centre of low-voltage and high-voltage technological equipment installed;
- 2 temporary lighting systems installed and dismantled;
- 2 existing lighting systems reconstructed;
- 1 new lighting system constructed;
- 1 new cable duct constructed;
- roads and walkways adapted/reconstructed.

All deliverables will be formally taken over by the beneficiary.

N.B. As regards the reconstruction of part of the existing station building at Praha-Horní Počernice Railway Station, only the necessary costs for reconstructing the building for the purposes of operating a railway station and sale of tickets will be eligible. Any other costs not related to such works (e.g. costs for adapting the building or parts of it for other commercial purposes), will not be eligible for funding under this Action.

**Activity 4: Construction works Skály Overtaking Station (incl.) – Praha-Vysočany (excl.) track section (km 12.433 - 7.223)**

The Activity entails upgrading the existing electrified double track and the existing not electrified single track section junction Skály (incl.) – Praha-Vysočany (excl.), including the construction of the new Praha-Rajská zahrada Railway Stop between km 11.359 and km 11.142. This will result in a new Skály Overtaking Station and an electrified triple track section Skály Overtaking Station (incl.) – Praha-Vysočany (excl.) between km 12.433 and km 7.223. It is divided into the following Sub-activities:

**Sub-activity 4.1: Preparatory works**

The main preparatory works entail:

- construction of 1 new process equipment building at Skály Overtaking Station at km 22.510 for the installation of temporary as well as permanent process equipment, and for traffic management;
- construction of 1 new 22/0.4 kV transformer plant, including a 104 m long access road;
- connections to utility networks;
- construction of temporary junction Hloubětín at km 9.926;
- installation of temporary interlocking equipment to ensure reliable and safe operation during construction works.

**Sub-activity 4.2: Skály Overtaking Station (incl.) – Praha-Vysočany (excl.) track section (km 12.433 - km 7.223)**

The main construction works entail:

#### Substructure and superstructure:

- reconstruction of railway substructure and superstructure of three-track line (new rails of type UIC60, concrete sleepers W14, total length 5'210 m);
- installation of 7 new switches of type UIC60 and 1 new switch of type S49, including electric heating of 8 switches.

#### Bridges and culverts:

- reconstruction of 4 reinforced concrete bridges at km 12.144 (length 3.80 m), km 11.614 (length 9.35 m), km 10.350 (length 6 m), km 9.537 (length 5 m) and 1 steel-concrete bridge at km 9.062 (length 23.20 m);
- reconstruction of 6 culverts at km 11.509, km 10.566, km 10.185, km 9.885; km 8.456 and km 8.014.

#### Catenary:

- dismantling of existing catenary from approximately km 12.433 to km 7.223 (double track line);
- construction of new catenary from approximately km 12.433 to km 7.223 (triple track line), including power supply from new 22/0.4 kV traction substation at km 20.425 and rail return lines, as well as earthing the metal structures to rails.

#### Communication, signalling and interlocking equipment:

- installation of temporary interlocking equipment to ensure reliable and safe operation during construction works;
- installation of permanent signalling and electronic interlocking equipment with preparation for future ETCS deployment (ETCS deployment as such is outside the scope of the Action), including cable connection of all devices;
- installation of new communication system including 9 CCTV cameras, 1 radio panel, 24 speakers and 10 information boards at Praha-Rajská zahrada Railway Stop.

#### Technological equipment:

- installation of low-voltage and high-voltage technological equipment including transformer station 22/0.4 kV (1 transformer 22/0.4 kV, switchboards 22kV, rechargeable batteries 110 V and converter for powering the interlocking equipment), low-voltage and high-voltage switchgears;
- installation of 1 local control centre to manage low-voltage and high-voltage technological equipment.

#### Praha-Rajská zahrada Railway Stop (km 11.359 – km 11.142):

- construction of 1 new side and 1 new island platforms (550 mm above rail level, length 200 m each);
- construction of 2 new roofs above side platforms;
- construction of 1 new staircase and 1 new elevator to existing footbridge between Metro B stop Rajská zahrada and Borská street.

#### Lighting system:

- reconstruction of existing and construction of new lighting system at Skály Overtaking Station;
- construction of new lighting system at Praha-Rajská zahrada Railway Stop on both new platforms;
- construction of temporary lighting system at temporary junction Hloubětín and dismantling

once the construction works have been completed.

Roads and walkways adaptation affected by the railway infrastructure works:

- renovation of existing roads (asphalt) and walkways (concrete pavement) in the following areas: bridge at km 11.614 (length 65 m) and bridge at km 10.350 (length 72 m).

The expected deliverables of the Activity are:

- 1 new process equipment building at Skály Overtaking Station at km 22.510 constructed;
- connections to utility networks completed;
- temporary junction Hloubětín at km 9.926 constructed;
- temporary interlocking equipment to ensure reliable and safe operation during construction works installed;
- substructure and superstructure of existing railway tracks reconstructed;
- 8 new switches installed;
- 5 bridges and 6 culverts reconstructed;
- existing catenary dismantled;
- new catenary constructed;
- new permanent signalling and interlocking equipment installed;
- 1 new communication system at Praha-Rajská zahrada Railway Stop installed;
- 1 new transformer station 22/0.4 kV, low-voltage and high-voltage switchgears installed;
- 1 local control centre of low-voltage and high-voltage technological equipment installed;
- 1 new side platform and 1 new island platform constructed;
- 2 new roofs above side platforms constructed;
- 1 new staircase and 1 new elevator constructed;
- 1 existing lighting systems reconstructed and 1 new lighting system constructed at Skály Overtaking Station;
- 1 new lighting system at Praha-Rajská zahrada Railway Stop constructed;
- 1 temporary lighting system at temporary junction Hloubětín constructed, and dismantled once construction works completed;
- roads and walkways adapted/reconstructed.

All deliverables will be formally taken over by the beneficiary.

#### **Activity 5: Construction works Praha-Vysočany Railway Station (km 7.223 – 5.827)**

The Activity entails the upgrade of the existing Praha-Vysočany Railway Station. It is divided into the following Sub-activities:

##### **Sub-activity 5.1: Preparatory works**

The main preparatory works entail:

- demolition of the existing station building, unsuitably located in the middle of the future rail yard;
- construction of 1 new technological building for the installation of process equipment and for traffic management at km 6.255;
- construction of 1 new 22/0.4 kV traction substation, including a 110 m long access road;
- construction of 7 temporary platforms (total length 1'070 m).

##### **Sub-activity 5.2: Main construction works**

The main construction works entail:

Station building:

- construction of 1 new passenger handling station building (ticket offices, waiting area/lobby, sanitary facilities, low-voltage switchgear) at the entrance to the passenger underpass at km 6.533.

Substructure and superstructure:

- reconstruction of railway substructure and superstructure of 6 station tracks (new rails of type UIC60 or S49, concrete sleepers W14, total length 1'504 m);
- installation of 22 new switches of type UIC60, including electric heating of 21 switches;
- adjustment of adjacent SŽDC utility tracks and one private siding as necessary to connect them to both station heads.

Bridges and culverts:

- reconstruction of 1 reinforced concrete bridge at km 6.187 (length 7.60 m);
- reconstruction of 1 culvert at km 5.916.

Platforms:

- dismantling 4 existing side platforms (total length 795 m);
- construction of 1 new side platform (550 mm above rail level, length 200 m)
- construction of 2 new island platform in (550 mm above rail level, length 300 m);
- construction of 2 new roofs above island platforms.

Underpasses:

- demolition of 1 existing underpass at km 6.533 (length 77 m);
- construction of new 2 underpasses at km 6.577 (length 56.675 m) and km 6.699 (length 48.785 m).

Catenary:

- dismantling of existing catenary of 9 station tracks from km 7.223 to km 5.827;
- construction of new catenary of 6 station tracks from km 7.223 to km 5.827, including power supply from new 22/0.4 kV traction substation at km 6.255 and rail return lines, as well as connecting metal structures to rails.

Communication, signalling and interlocking equipment:

- adaptation of existing electronic interlocking equipment, including software;
- installation of permanent signalling and electronic interlocking equipment with preparation for future ETCS deployment (ETCS deployment outside the scope of the Action) including cable connection of all devices;
- installation of new communication system including 31 CCTV cameras, 1 radio panel, 56 speakers and 22 information boards.

Technological equipment:

- installation of low-voltage and high-voltage technological equipment including transformer station 22/0.4 kV (1 transformer 22/0.4 kV, switchboards 22kV, rechargeable batteries 110 V and converter for powering the interlocking equipment) and low-voltage and high-voltage switchgears;
- installation of 1 new emergency dispatch centre for traffic management;
- installation of 1 local control centre of low-voltage and high-voltage technological

equipment;

- necessary upgrades in the existing traction sub-station Balabenka, in the existing regional dispatch centre Praha-Křenovka and in the existing central command and control centre Praha, thus enabling the connection with the technological equipment in Praha-Vysočany station.

Lighting system:

- installation of 1 new lighting system for the rail yard, 3 platforms, 2 underpasses and walkways.

Cable duct:

- construction of 1 new cable duct (approximate length 1'566 m).

Roads and walkways adaptation:

- renovation of section of U Vinných sklepů street (approximate length 300 m);
- renovation of section of Paříkova street towards rail yard (approximate length 130 m);
- renovation of walkways in front of new station building (approximately 580 m<sup>2</sup>).

The expected deliverables of the Activity are:

- existing station building demolished;
- 1 new technological building at km 6.255 constructed;
- 7 temporary platforms constructed;
- 1 new passenger handling station building constructed;
- substructure and superstructure of existing railway tracks reconstructed (approximate length 1'504 m);
- 22 new switches installed;
- adjacent SŽDC utility tracks and one private siding adjusted;
- 1 bridge and 1 culvert reconstructed;
- 4 existing platforms dismantled;
- 1 new side platform and 2 new island platforms constructed;
- 2 new roofs above island platforms constructed;
- 1 existing underpass demolished;
- 2 new underpasses constructed;
- existing catenary dismantled;
- new catenary constructed;
- existing interlocking equipment adapted;
- new permanent signalling and interlocking equipment installed;
- new communication system installed;
- 1 new transformer station 22/0.4 kV (incl. 110 m long access road), low-voltage and high-voltage switchgears installed;
- 1 new emergency dispatch centre for traffic management installed;
- 1 local control centre of low-voltage and high-voltage technological equipment installed;
- 1 new lighting system installed;
- 1 new cable duct constructed;
- roads and walkways adapted/reconstructed.

All deliverables will be formally taken over by the beneficiary.

N.B. As regards the construction of one new passenger handling station building at Praha-

Vysočany Railway Station, only the necessary costs for constructing the building for the purposes of operating a railway station and sale of tickets will be eligible. Any other costs not related to such works (e.g. costs for other commercial purposes), will not be eligible for funding under this Action.

### **Activity 6: Supervision and as-built documentation**

The Activity entails supervision tasks necessary to carry out the construction works. It is divided into the following Sub-activities:

#### **Sub-activity 6.1: Design supervision**

It entails supervising that the construction works comply with the detailed design, in line with the requirements of Acts no. 183/2006 and no. 360/1992. The contractor/consultant originally responsible for preparing the project documentation necessary to acquire the building permit and for preparing the works tender documentation will perform the supervision to ensure compliance of the construction works with the detailed design. S/he will be consulted when required and will approve any changes with regard to the detailed design.

#### **Sub-activity 6.2: Health and safety supervision**

It entails supervising health and safety during the construction period in line with the requirements of the Act no. 309/2006. This Sub-activity will be performed by a health and safety specialist selected through a public procurement procedure.

#### **Sub-activity 6.3: Archaeological supervision**

It entails supervising the excavation works to detect the presence of significant archaeological objects, in line with the requirements of Act no. 20/1987. This Sub-activity will be performed by an authorised expert entity selected through a public procurement procedure.

#### **Sub-activity 6.4: Geotechnical supervision**

It entails geotechnical supervision such as testing of soil samples, assessment of excavation and backfilling materials, controlling and laboratory tests of building materials, and issuance of mandatory opinions and recommendations during the construction phase. This Sub-activity will be performed by a specialist selected through a public procurement procedure.

#### **Sub-activity 6.5: As-built documentation**

It entails preparing the "final project documentation" which covers and summarises all tasks, activities and procedures performed during the implementation of the construction works. It defines the construction works as-built and the related technical parameters of the completed project. This Sub-activity will be performed by the contractor responsible for the execution of the construction works.

The expected deliverables of the Activity are:

- Final report design supervision;
- Final report health and safety supervision;

- Final report archaeological supervision;
- Final report geotechnical supervision;
- As-built documentation.

The beneficiary will assess and formally approve all deliverables produced by external contractor/consultant/specialists.

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

<b>Milestone number</b>	<b>Milestone description</b>	<b>Indicative completion date</b>	<b>Means of verification</b>
1	Detailed design completed (Sub-activity 1.1)	21/11/2018	Handover protocol
2	Application for main building permit submitted (Sub-activity 1.1)	27/02/2019	Submitted application
3	Tender for main works contract published (Sub-activity 1.2)	15/05/2019	Tender notice published in the Public Procurement and Concessions Portal of the Czech Ministry of Regional Development and in the OJEU
4	Main building permit obtained	23/10/2019	Building permit issued by the Railway Authority
5	Main works contract signed (Sub-activity 1.2)	22/01/2020	Main works contract
6	Completed services related to the property settlement	31/12/2022	Handover protocol
7	Land acquisition completed (Activity 2)	31/12/2024	Land registry book extracts and signed contracts
8	Preparatory works started (Sub-activity 3.1)	21/05/2020	Building log book
9	Preparatory works completed (Sub-activity 3.1)	31/12/2023	Handover protocol(s)
10	Construction works Mstětice – Praha-Horní Počernice track section started (Sub-activity 3.2)	06/03/2021	Building log book
11	Construction works Mstětice – Praha-Horní Počernice track section completed (Sub-activity 3.2)	30/06/2024	Handover protocol(s)
12	Construction works Zeleneč Railway Stop started (Sub-activity 3.2)	01/03/2021	Building log book
13	Construction works Zeleneč Railway Stop completed (Sub-activity 3.2)	31/12/2023	Handover protocol(s)
14	Construction works Praha Horní-Počernice Railway Station started (Sub-activity 3.3)	09/06/2020	Building log book
15	Construction works Praha Horní-Počernice Railway Station completed (Sub-activity 3.3)	31/12/2023	Handover protocol(s)
16	Preparatory works started (Sub-activity 4.1)	21/05/2020	Building log book
17	Preparatory works completed (Sub-activity 4.1)	10/05/2023	Handover protocol(s)
18	Construction works Skály Overtaking Station – Praha-Vysočany track section started (Sub-activity 4.2)	10/03/2022	Building log book
19	Construction works Skály Overtaking Station – Praha-Vysočany track section completed (Sub-activity 4.2)	31/05/2023	Handover protocol(s)
20	Construction works Praha-Rajská Zahrada Railway Stop started (Sub-activity 4.2)	31/05/2020	Building log book
21	Construction works Praha-Rajská Zahrada Railway Stop completed (Sub-activity 4.2)	31/12/2023	Handover protocol(s)

22	Preparatory works started (Sub-activity 5.1)	21/05/2020	Building log book
23	Preparatory works completed (Sub-activity 5.1)	31/10/2023	Handover protocol(s)
24	Construction works Praha-Vysočany Railway Station started (Sub-activity 5.2)	05/10/2020	Building log book
25	Construction works Praha-Vysočany Railway Station completed (Sub-activity 5.2)	31/08/2023	Handover protocol(s)
26	Design supervision started (Sub-activity 6.1)	01/04/2020	Minutes of construction site handover
27	Design supervision completed (Sub-activity 6.1)	31/12/2024	Final report
28	Health and safety supervision started (Sub-activity 6.2)	20/05/2020	Minutes of construction site handover
29	Health and safety supervision completed (Sub-activity 6.2)	31/08/2024	Final report
30	Archaeological supervision started (Sub-activity 6.3)	25/02/2021	Minutes of construction site handover or commencement order issued by beneficiary to external contractor/consultant
31	Archaeological supervision completed (Sub-activity 6.3)	30/09/2023	Final report
32	Geotechnical supervision started (Sub-activity 6.4)	20/05/2020	Minutes of construction site handover or commencement order issued by beneficiary to external contractor/consultant
33	Geotechnical supervision completed (Sub-activity 6.4)	31/08/2024	Final report
34	As-built documentation completed and approved (Sub-activity 6.5)	31/12/2024	Handover protocol

"



(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	2017	2018	2019	2020	2021	2022	2023	2024	Total
<b>ELIGIBLE DIRECT COSTS</b>									
<b>Activity 1</b>	469,634	4,122,972	597,457	38,420	0	3,990	0	0	<b>5,232,473</b>
<b>Activity 2</b>	0	0	268,069	869,032	112,434	0	0	19,999	<b>1,269,534</b>
<b>Activity 3</b>	0	0	0	4,582,122	13,981,756	16,756,425	19,192,241	3,063,263	<b>57,575,807</b>
<b>Activity 4</b>	0	0	0	704,965	6,914,507	29,325,362	6,813,230	0	<b>43,758,064</b>
<b>Activity 5</b>	0	0	0	1,231,864	14,051,676	11,803,537	21,535,590	0	<b>48,622,667</b>
<b>Activity 6</b>	0	0	0	107,371	422,831	556,115	508,875	242,304	<b>1,837,496</b>
<b>TOTAL ELIGIBLE DIRECT COSTS</b>	469,634	4,122,972	865,526	7,533,774	35,483,204	58,445,429	48,049,936	3,325,566	<b>158,296,041</b>
<b>Annual instalments of maximum CEF contribution</b>	3,815,077.8	0	718,992.45	6,258,306.06	29,475,897.56	48,550,617.87	39,915,081.84	2,762,547.68	<b>131,496,521.26</b>

**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 the date of its entry into force.

**SIGNATURES**

For the beneficiary Správa železnic, státní  
organizace  
Mojmír Nejezchleb

For the Agency  
Olivier Silla

Done at Praha, on

Done at Brussels, on

In duplicate in English.

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

**Doložka číslo:** 3451299

**Původní datový formát:** application/pdf

**UUID původní komponenty:** 2d3590d4-7ba7-45df-9ba2-30c878b78a37

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

System ERMS (zpracovatel dokumentu Sylva BRANŽOVSKÁ)

**Subjekt, který změnu formátu provedl:** Správa železnic, státní organizace

**Datum vyhotovení ověřovací doložky:** 03.03.2023 09:19:01



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