

Project Application Form

under the Recovery and Resilience Facility

1. Project name
Improving the quality and sustainability of security and anti-corruption policies
2. Description of the project (objectives, main activities).
<p>The overall goal of the project is to ensure the sustainability of economic and social reforms and to mitigate the effects of the COVID19 crisis by increasing the level of security of Bulgarian citizens, combating corruption and increasing trust in state institutions. The overall goal will be achieved through:</p> <ol style="list-style-type: none"> 1) Introduction of anti-corruption measures, incl. by developing ICT and reducing the role of the human factor; 2) Establishment of a National Intelligent Security System for the purpose of prevention and analysis of information in the field of public safety; 3) Improving citizens' access to digital public services as a result of the pandemic, caused by COVID-19. <p>The Council Recommendation on the National Reform Programme of Bulgaria for 2020 states that the fight against corruption and Bulgaria's progress in this area are important for the development of a favorable socio-economic environment in the country. Corruption is cited as one of the main obstacles to economic growth and investments. Corruption reduces public sector financial resources, tax revenues and further limits the public sector's investment capacity. The corrupt environment creates insecurity for business, leads to potential additional costs, reduces private investments and competitiveness. This undoubtedly has an impact on social policy, limiting the state's capacity for social measures. Corruption undermines trust in legitimate institutions and reduces their ability to provide adequate public services and a favorable environment for private sector development.</p> <p>According to data from various surveys and studies conducted by independent observers and included in the EC Report on Bulgaria for 2020 within the European Semester, corruption continues to be a serious concern and has a negative impact on investments.</p> <p>A number of surveys of governmental and non-governmental organizations place Bulgaria in one of the first places in the EU in terms of corruption. According to Transparency International's 2019 anti-corruption survey covering 180 countries, Bulgaria ranks 74th.</p> <p>According to the latest Eurobarometer survey, presented by the EC on December 9, 2019, 85% of Bulgarian citizens are of the opinion that corruption is widespread in our country.</p> <p>In the Analysis of the socio-economic development of Bulgaria 2007-2017 for determining the national priorities for the period 2021-2027 it is stated that according to the ranking Economic Freedom of the World 2018 the trust in the police (27th place in the EU, 113 place in the world) and business costs related to crime (28th in the EU, 107th in the world) show that businesses do not rely on the police to enforce the law and ensure security and order.</p> <p>The project addresses these challenges by including activities, aimed at reducing corruption through measures to increase the effectiveness of its prevention and counteraction. Greater transparency in the public sector creates fewer opportunities for corruption and provides a favorable environment for economic development.</p> <p>An effective measure in this direction is the introduction of measures to prevent corrupt behavior by employees of the Ministry of Interior, incl. of ICT, which isolate the role of the human factor in security monitoring and control processes.</p> <p>The National Strategic Document "Digital Transformation of Bulgaria for the period 2020-2030" states that the digital transformation, as a process of integration of digital technologies, is a prerequisite for a complete transformation of the processes and models of functioning of the systems for protection of the population, of the systems for protection of sites from the critical infrastructure of the state, of the systems for prevention of conventional crime, of the systems for monitoring of sites for residence of a large group of people, of the road</p>

safety systems.

The project activities include introduction and increase of the use of innovative digital technologies to support the work of the responding teams and the competent bodies and institutions, which will support the digital transition and will contribute to achieving the strategic goals for digital transformation of Bulgaria as a condition for increasing the efficiency of public administration, effectively addressing the main social challenges and increasing the security of citizens.

Technological solutions will improve citizens' access to e-public services as a result of the experience during the COVID19 pandemic.

In addition, the project envisages activities related to the reduction of harmful gas emissions from the vehicles used by the police structures, which contributes to the fulfilment of the climate goals and supports the green transition.

The main activities include:

Activity 1 "Building a National Intelligent Security System (NISS)"

The activity includes two interconnected components, structured in separate sub-activities. It is envisaged to build a national intelligent security system (NISS) by upgrading the existing Integrated Automated Security System / IASS / and upgrading the Geoinformation System of the Ministry of Interior and creating an opportunity for additional analysis and visualization of information from both systems and other sources for prevention and countering crime. The system will be aimed at prevention and protection of the population, effectiveness in combating crime and taking precautionary measures to prevent adverse events in its development, riots, road safety, as well as protecting critical infrastructure and sites of national importance. The system will also contribute to a higher level of transparency in the actions of civil servants and police officers in the performance of their official duties in order to prevent corrupt behaviour. Also, the GIS platform of the Ministry of Interior will be upgraded to provide high-tech analytical capabilities at the national level for prevention and sustainable management in the field of public safety and analysis of information from Critical Infrastructure. Any integration and development of additional functionalities provided for in Activity 1, aims to obtain a common operational picture in real time and up-to-date information from the primary sources, created by them on the basis of their legally assigned functions and tasks and will lead to informed management decisions related to prevention and sustainable management in the field of public safety, protection of the population, as well as the elements of the critical infrastructure on the territory of the Republic of Bulgaria.

Sub-activity 1 "Upgrading IASS and integration with existing information systems"

The activity will be focused on prevention and protection of the population, efficiency in the fight against crime and taking preventive action to prevent adverse events in its development, riots, road safety, as well as protecting critical infrastructure and sites of national importance. The system will also contribute to a higher level of transparency in the actions of civil servants and police officers in the performance of their official duties in order to prevent corrupt behaviour.

The activity aims to build a national security system, which will upgrade the existing Integrated Automated Security System / IASS, video surveillance and analysis system /, by building and merging municipal and regional security systems into a centralized homogeneous system using analytical intelligent software and automated information systems inside and outside the Ministry of Interior. IASS envisages integration with National System 112, Road Infrastructure Agency as well as integration with Geographic Information Systems, Border Control, Intelligent Transport Systems and Monitoring Systems which will help to improve the efficiency and effectiveness not only of the cited institutions, but also of the Rapid Reaction Forces and the Ministry of Interior in general. As sources of information will be used the existing systems of the Municipalities, including the Metropolitan - Sofia, state institutions, Bulgarian State Railways (BDZ), private institutions with significant status (banks, hospitals, stadiums, etc.) and if desired, as the connectivity will be realized through the established optical connectivity by State e-Government and other state institutions.

The platform will allow the use of predefined analytics and an approach will be created for a self-learning platform for video analysis in real and near real time, which will increase the preparedness of the responding structures in their preventive activities towards protection of the population and safe urban environment to reduce the risk of crime. The system will receive and analyse information from various sources, both video

information and submitted information from other sources. This functionality will significantly support the work of investigative bodies and will increase the efficiency of detection and prevention of crimes and will enhance the effect of prevention in the protection of the population and public infrastructure.

The system will allow the Ministry of Interior to consolidate large volumes of data for the purpose of proactive prevention, subsequent analysis and assessment of the risk of occurrence of an event. In the spirit of a number of European initiatives, the establishment of the system is crucial in view of the possibility of further processing of the accumulated data /big data/ and the extraction of important information, which could be coordinated not only internally, but with other Member States and their police services as well. Upon receiving information from the Intelligent Transport Systems implemented during the construction of the road infrastructure, the analytical process for implementation of the Road Traffic Act and the preventive activity related to the reduction of road injuries will be strengthened. Integration with systems for analysis of environmental standards and meteorological data related to the Road Traffic Act and the Disaster Protection Law will be performed.

In addition, opportunities for real-time notification and analysis of events will be realized, as well as forensic investigation through recorded video content, which will be accessed through the API of the integrated sources. For this purpose, the technological possibility for creating and modifying rules and automated processes for processing and correlation of received events between different systems will be upgraded. When notifying about an event, the system will register and prioritize the incident in a log of events, which will facilitate the work of operators and employees in the relevant centres of the Ministry of Interior.

The computing and communication infrastructure serving the central component of IASS will be expanded and upgraded, including supplementing of additional computing and storage resources. The system will provide additional functionalities for analysis and correlation of events in real time such as face and object recognition, comparison with lists of people of interest, tracking of objects and their geo-location on a GIS map, detection of hazardous gases and radiation in the air, detection of reproduced shots from firearms, etc.

For the implementation of the sub-activity it is envisaged:

- Construction and modernization of video surveillance systems for the needs of Municipalities, the Ministry of Interior and critical infrastructure sites and sites of national importance, as well as video surveillance systems with functionality for license plates recognition;
- Construction of a centralized array for storage of recorded video images;
- Upgrading of computing resources ensuring the functioning of the system;
- Implementation of video analytical software with self-learning capabilities;
- Upgrading the functionality of the central component of IASS;
- Construction of a system of sensors for measuring and reading certain parameters.
- Creating a centralized database of large data for proactive prevention, follow-up analysis and statistics.

Sub-activity 2 „Upgrading the GIS platform of the Ministry of Interior to ensure high-tech capabilities at the national level for prevention and sustainable management in the field of public safety and analysis of information from Critical Infrastructure related to population prevention in the territory of the Republic of Bulgaria“

The Geographic Information System for Crisis Management of the Ministry of Interior is designed to integrate data on the nature, parameters and impact of the crisis on various sites and infrastructures, the actions of the management system, the forces and means of the Ministry of Interior with geographical data on the country, population, infrastructures and to create a geo-spatial operational picture of the crisis, allowing its effective management. The system is a tool for the management staff and for the employees of the Ministry of Interior. It supports decision-making and ensures efficiency in the management of the forces and resources of the Ministry of Interior in police operations and crises of various kinds.

GIS Crisis Management (CM) aims to increase the efficiency of the structural units of the Ministry of Interior, participating in the activities of forecasting, planning, prevention and preparation for action in crises of different nature, to ensure the presentation and maintenance of information on the operational situation of different character for assisting the governing bodies in making decisions for actions and management of the

forces and means of the Ministry of Interior.

The functioning of the Geographic Information System "Crisis Management" is based on the use of a geo database, combining geographical and non-geographical information, which includes general geographical data, specialized data for crisis management, digital models of settlements and others.

At present, the system integrates mobile units with installed GPS, video surveillance cameras in the city of Sofia, and other sources of video signal in the country, which allows real-time visualization on a geographical environment of the location of mobile devices, as well as receiving a video signal.

The system also gradually introduces information on critical infrastructure sites in the country (approximately 150,000 sites at present), such as transport, education, sports, culture, data on road infrastructure, health, water areas, organizational formations and areas of responsibility, regional and municipal centers, including their crisis management plans, as well as other information.

A mobile version has been built into the system, which allows entering information from the teams in the field, regardless of where on the globe they are, with the ability to attach and share video and photo material.

Based on the information received from various sources, the system allows the formation of specialized Dashboard (modules) for real-time monitoring and analysis of the received information intended for the management staff.




GIS VDAIS is intended to assist officials in the Ministry of Interior in carrying out their activities for the analysis of data on crimes and related persons, through geographical visualization of police data and the use of specialized geographical criminal analysis. The developed GIS VDAIS integrates the data from the AIS of the Ministry of Interior with the digital geographical models of the settlements on the territory of the country and thus provides a new, high quality of data analysis.

The system has been developed as a tool for the employees of the structural units at the level of the Ministry, General Directorates and Regional Directorates of the Ministry of Interior, who carry out analytical activities, as well as for the management of these structures in assessing the situation, decision-making and operational management of their structures, forces and means, as well as for conducting strategic analyzes and planning.

GIS VDAIS is a modern geographic information system with a centralized database, which daily imports data from the Central Police Register of the Ministry of Interior and other AIS of the Ministry of Interior. It provides real-time access to all users with permitted rights to system resources. The capabilities of GIS VDAIS for operational analysis and study of the parameters of crime on the territory of the country have no analogue among the working automated systems in the Ministry of Interior.

The activity is implemented and contributes to the implementation of sub-activity 1 in the direction of providing an interdepartmental analytical-operational environment for achieving an integrated systematic approach to the action of various institutions for analysis, prevention and sustainable management in the field of security. The introduction of technological innovations such as the Internet of Things, machine learning and artificial intelligence in the GIS environment will contribute to improving the capacity at the state level for multi-spectrum risk analysis, increasing the capacity of institutions, in terms of preparedness, prevention, response and mitigation of various crises and rapid access to up-to-date information from various sources, improving the maintenance of critical infrastructure management plans and disaster plans through the use of digital technologies, application of the latest global trends and good practices for using GIS technologies for analysis and image processing for the needs of prevention and response to events of extraordinary nature, providing dynamic GIS resources for emergency analytical and information support of established crisis headquarters at different levels - municipal, regional and national.

The activity will be realized through:

-  Upgrading the GIS platform with specialized GIS functionalities and analytical component.
-  Analysis and design of advanced database, workflows, user interface and integrations with other interdepartmental systems and databases.
-  Integration with the Single Information Point of Ministry of Transport, Information Technology and Communications for providing for the purposes of crisis prevention and management up-to-date data on the physical infrastructure in the country as well as a module for administration of the IT infrastructure of the Ministry of Interior.

- ✚ Integration with National System 112 and CCTV systems to enhance preventive measures and analysis of information flows to visualize analytical models of impact.
- ✚ Exchange of information with IASS, positioning of objects, processing of metadata from video analysis, comparison of objects, visualization on a map pad, access to video stream from cameras / where technically possible /, creation of models for operation of operational structures based on the processed information.
- ✚ Upgrading of the GIS CM with an interdepartmental portal for entering and maintaining data on critical infrastructure management plans and disaster and accident plans / to provide access to all municipalities and critical infrastructure operators/.
- ✚ Integration into a single geobase and integration of the visualization and analysis of geological risk maps, flood threat and risk maps and forest fire risk maps, mountain maps and avalanche situations.
- ✚ Update and upgrade of the geo portal of Aerospace Observation Center (AOC) with possibilities for storage, processing and analysis of large volumes of images - satellite images, images taken by UAV and other sources, including the use of specialized services and information packages of the European program Copernicus. Improving the mechanism for exchange and analysis of information coming from the EU and other sources.
- ✚ Real-time data acquisition from seismological centers.
- ✚ Receiving real-time data on active and declining landslides and collapses.
- ✚ Receiving real-time data on levels of water bodies in Bulgaria from hydrometric stations.
- ✚ Receiving data (monthly and quarterly) from Civil Registration and Administrative Services.
- ✚ Receiving real-time data from the Agency for Geodesy, Cartography and Cadastre.
- ✚ Receiving real-time data on air quality from stationary and mobile sensors.
- ✚ Receiving real-time data from the Ministry of Health (Regional Health Inspectorate) in connection with epidemics and pandemics of humans and animals.
- ✚ Receiving real-time data from the State Agency for Metrology and Technical Supervision.
- ✚ Receiving real-time data from the Bulgarian Academy of Sciences for the objects of cultural heritage of Bulgaria.
- ✚ Construction of 3D maps of settlements (municipal centers), including the heights of buildings.
- ✚ Routing and visualization on a geographical environment of objects in real time, route analysis.
- ✚ Training
- ✚ Providing 24/7 hour support at a reliability level of 0.9999
- ✚ Warranty support 36 months.

Activity 2 “Upgrading the system for prevention and counteraction of corruption among the officers of the Ministry of Interior and increasing the transparency in serving the citizens”

Priority lines of police commitment to ensure economic and social stability at regional level are as follows:

- ✚ Activities under the Community Policing Strategy with main focus on the current pandemic situation;
- ✚ General implementation of the Community Policing Strategy aiming at effective work on local level, in order to maintain public order;
- ✚ Targeted activities in small towns, villages and other remote places of dwelling, in terms of crime prevention and compliance with the public order;
- ✚ Improving cooperation with local authorities and civil society in order to ensure better public order and security, which leads to enhanced sustainability of the social and economic environment;
- ✚ Supporting citizens’ access to services provided by police authorities.

The aim of the activity is to upgrade the existing measures for prevention and counteraction of corruption, incl. expanding citizens’ access to web-based, electronic administrative services. This will improve the quality of services and sense of “security and trust” among civil society in post-crisis situation.

The activity includes 2 sub-activities, taking into account volume, territorial scope and mechanism for reporting and using funds, each sub-activity will be implemented in stages.

Sub-Activity 1: "Upgrading the Integrated Mobile Video Surveillance System in Patrol Vehicles"

Short description:

The sub-activity includes expansion of the scope and use of the established integrated system for mobile video surveillance in patrol vehicles, used by security police officers. Transmission of metadata for positioning of the patrols and transmission of video information to the central component, as well as visualization of this information in GIS (Activity 1), where it will be analyzed to report the activity of the responding teams. The consolidated information will be further analyzed to improve the prevention processes and the quality of police services to citizens in post-crisis situation.

This project will build on the positive results of a project funded by the Internal Security Fund in priority areas of activity, such as reducing citizens' complaints regarding corrupt practices, reducing feelings of dissatisfaction, etc.

As a priority, the new technical means will be installed in new vehicles, which will be used by the patrol officers throughout the country. Thus the modern requirements for environmental protection will be observed, according to the current EU standards related to emissions of harmful gases.

Given the intensive use of vehicles (24/7 regime), on one hand, the policy of promoting environmental protection will be supported, in line with the positive economic effect. On the other hand it will create opportunity for their wider use, in video-surveillance mode, taking into account that the new cars will not require frequent maintenance.

The integrated mobile video surveillance system will also include new vehicles for police officers engaged in combating crime and corruption, which will be equipped with specialized technical means to meet the challenges and investment needs related to the green and digital transition, and will ensure sustainable recovery from the effects of COVID-19.

The police auto-park is used for a wide range of activities directly related to ensuring the safety of citizens and maintaining public order, in intensive mode of operation (24/7). In the new pandemic situation (caused by COVID-19), in accordance with the Law on Amendments to the Health Act (Art. 209 a), the responsibilities of the police structures have increased - the police authorities are additionally charged with monitoring and control on compliance with the introduced anti-epidemic measures, such as wearing of protective masks, observance of quarantine regime by citizens, introduction of a quarantine regime of passage, etc.

With the assistance of new mobile equipment, police officers will be able to implement effective security measures and increase trust and sense of security among the population. The above investments will have an effect on the overall economic recovery - stabilization of the tourism sector, free and trouble-free movement of EU citizens and citizens of other countries. The feeling of security in a certain region is the main leading motive for the citizens when choosing a place of residence or place for recreation.

Equipment:

- ✚ Body-worn cameras for police officers in the performance of their duties (including printer and tablet kits and docking stations).
- ✚ Hardware provision of the central component for storage and processing of video and positioning information
- ✚ Vehicles with increased and normal terrain passability (cars and all-terrain vehicles);
- ✚ Specific police protective clothing and protection equipment in the event of a pandemic - in accordance with the number of teams.
- ✚ Specific technical equipment - Tetra terminals, mobile means of communication and video information for use in operational police cars.
- ✚ Police equipment for patrol vehicles.

Under this activity training for officers of National Police General Directorate (GDPN), Metropolitan Directorate of Ministry of Interior (MDI) and Regional Directorates of Ministry of Interior (RDI), to operate with the integrated video surveillance system, is planned accordingly.

Sub-activity 2: "Improving the service to citizens in the post-crisis situation"

Short description:

The sub-activity aims to increase the quality of the services provided to the citizens, as well as the sense of trust and security. This will be achieved by creating conditions in the reception rooms for citizens for electronic access to the administrative services provided by the Ministry of Interior.

The main emphasis is placed on improving the quality of service to citizens in small and remote

settlements, as well as to vulnerable social groups. The service is intended for persons who do not have access to the Internet or who, due to fear of malpractice in the Internet space, do not use the electronic administrative services provided via the Internet by the Ministry of Interior. The services will be available in the structures of the Ministry of Interior on the territory of the country.

The activity intends to upgrade the equipment in the reception rooms for citizens and to supply 180 electronic terminals for the structures of the Ministry of Interior in the country.

The activity includes two trainings, as follows:

- ✚ Training of employees of National Police General Directorate, Metropolitan Directorate of Ministry of Interior, Regional Directorates of Ministry of Interior in the country, regarding reception of citizens in the conditions of COVID-19;
- ✚ Training for trainers to operate with electronic terminals, with an emphasis on improving the quality of service to citizens from vulnerable social groups.

At the beginning and at the end of the project, public opinion polls will be conducted on the quality of police service to citizens in a post-crisis situation. The conducted surveys will serve to determine the trust in the police, and the analysis of the data obtained by them will be conducted by external to Mol experts. The summarized results of the two surveys will be used to measure the level of achievement of the project objectives.

3. Beneficiary.

The beneficiary is the Ministry of Interior.

Leading structures and partners by activities:

Activity 1: Leading structure - Communication and Information Systems Directorate - Ministry of Interior.

Partners: Ministry of Interior (General Directorate National Police, General Directorate Border Police, General Directorate Combating Organised Crime, etc.), other state and municipal institutions.

Activity 2:

Leading structure - National Police General Directorate (GDNP) - Ministry of Interior.

Partners: Metropolitan Directorate of Ministry of Interior, Regional Directorates of Ministry of Interior, Communication Information Systems Directorate - Mol.

4. Time schedule for project implementation, incl. activities, stages ¹.

Project implementation period: 34 months (2021 - 2023)

The time schedules by activities are as follows:

Activity 1	Months																															
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24								
Sub-activity 1:																																
Construction and modernization of video surveillance systems for the needs of	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X											

¹ The timetable will be relevant for setting intermediate targets under the Recovery and Resilience Plan and is directly related to the release of tranches of financial support from the Recovery and Resilience Facility.

[illegible]

Construction of a centralized array for storage of recorded video images

Upgrading of computing resources ensuring the functioning of the system

Implementation of video analytical software with self-learning capabilities

Upgrading the functionality of the central component of IASS

Construction of a system of sensors for measuring and reading certain parameters
--

Creating a centralized database of large data for proactive prevention, follow-up analysis and statistics

Commissioning into test environment

Training

Commissioning into work environment

Sub-activity 2:

Upgrading the GIS platform with specialized GIS functionalities and analytical component.

Analysis and design of advanced database, workflows, user interface and integrations with other interdepartmental systems and databases.

[illegible]

X	X	X
---	---	---

Integration with NS112

X	X	X	X	X	X
---	---	---	---	---	---

Development of the integration model and the functionalities between GIS and the Integrated Automated Security System / IASS, centralized system in BG for video surveillance and analysis / and reuse of the card pads to the TETRA system.

X	X	X	X	X	X	X
---	---	---	---	---	---	---

Upgrading of the GIS CM with an interdepartmental portal for entering and maintaining data on critical infrastructure management plans and disaster and accident plans. / to provide access to all municipalities and critical infrastructure operators /.

X	X	X	X
---	---	---	---

Integration into a single geobase and integration of the visualization and analysis of geological risk maps, flood threat and risk maps and forest fire risk maps, mountain maps and avalanche situations.

X	X	X	X
---	---	---	---

Update and upgrade of the geo portal of Aerospace Observation Center (AOC) with possibilities for storage,

X	X	X	X
---	---	---	---

[illegible]

Real-time data acquisition from seismological centers.

X	X	X	X
---	---	---	---

Receiving real-time data on active and declining landslides and collapses.

X	X	X	X
---	---	---	---

Receiving real-time data on levels of water bodies in Bulgaria of hydrometric stations

X	X	X	X
---	---	---	---

Receiving data (monthly and quarterly) from Civil Registration and Administrative Services.

X	X	X	X
---	---	---	---

Receiving real-time data from the Agency for Geodesy, Cartography and Cadastre.

X	X	X	X
---	---	---	---

Receiving real-time data on air quality from stationary and mobile sensors.

X	X	X	X
---	---	---	---

Receiving real-time data from the Ministry of Health (Regional Health Inspectorate) in connection with epidemics and pandemics of humans and animals.

X	X	X	X
---	---	---	---

Receiving real-time data from the State Agency for Metrology and Technical Supervision.

X	X	X	X
---	---	---	---

[illegible]

[illegible]

4.1. When can the project implementation start at the earliest after its approval?

5. Indicative financial resource by activity, including sources of financing (national budget, European funding, private funding, IFIs).

Contract № 5290on - 477/02.10.2017 on „Provision of uniform platform for integration of systems for video surveillance and exchange of information”- Activity 1- Sub-activity 1 – correspond to lines 8,9,10,11,12,13,14,15 from the distribution of costs as per Table 3);

Contract № 5290on-283/27.06.2017 on „Establishing a central component and systems for video surveillance at BCP Kapitan Andreevo and BCP Kalotina which provide protection of the adjacent area and control of the transport vehicles that pass through the BCPs at the external borders – (Activity 1- Sub-activity 1 – correspond to lines 7,8,9,10,11,13,14,15 from the distribution of costs as per Table 3);

Contract № 5290on – 219/09.04.2019 on „Delivery of equipment and software and integration of the existing video surveillance system of the Ministry of Interior for processing, storing and analyzing video information and data from at least 341 transport vehicles”– (Activity 1- Subactivity 1 – correspond to lines 8,9,10,11,12,13,14,15 from the distribution of costs as per Table 3);

Contract ОП-77-Д-209/29.11.2012 on "Delivery and installation of digital geographic databases for the territory of 23 district towns, 3 municipal towns and an update of 4 district towns in scale 1:5 000 and digital model of the territory of the Republic of Bulgaria at scale 1:200 000"; - (Activity 1- Sub-activity 2 – correspond to line 33 from the distribution of costs as per Table 3);

Contract ОП-56-Д-25/28.05.2014 on "Delivery, installation, update, testing and integration of digital geographic databases for 12 populated areas in scale 1:5 000";- (Activity 1- Sub-activity 2 – correspond to line 33 from the distribution of costs as per Table 3);

Contract ОП-36-Д-71/27.11.2014 on " Delivery, installation, integration and update of digital geographic databases for 40 populated areas in scale 1:5 000";- (Activity 1- Sub-activity 2 – correspond to line 33 from the distribution of costs as per Table 3);

Contract № 5290on-312/11.07.2017 r. on „Further development of the Geographic Information System “Data visualisation from the Ministry of Interior’s automated information systems” and Geographic Information System “Crises Management” - (Activity 1- Sub-activity 2 –correspond to lines – 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 36 from the distribution of costs as per Table 3);

For line 35 of the distribution of costs as per Table 3 contracts are taken into account on provision of post guarantee service of Directorate 112 National System (https://www.aop.bg/ng/form.php?mode=view&class=F02_2014&id=789801) and a contract for provision of post guarantee service of the established TETRA systems (https://mvr.bg/docs/librariesprovider47/%D0%BE%D0%B1%D1%89%D0%B5%D1%81%D1%82%D0%B2%D0%B5%D0%BD%D0%B8-%D0%BF%D0%BE%D1%80%D1%8A%D1%87%D0%BA%D0%B8/%D0%BE%D1%82%D0%BA%D1%80%D0%B8%D1%82%D0%B0-%D0%BF%D1%80%D0%BE%D1%86%D0%B5%D0%B4%D1%83%D1%80%D0%B0/dogovor-op4.pdf?sfvrsn=b2afb5f_0);

Contracts funded under the Internal Security Fund 2014-2020 National Programme:

- Project „Maintenance and development of uniform administrative register – control of the means of general danger concerning the part on the communication with external information systems with the purpose of prevention and detection of crimes” **Contract № 812108-70/21.07.2016** on Delivery of technical equipment (computers, scanners, printers and camera) and consumables for specialized printers at the Center for personalization and technical administration of the National Police General Directorate – Ministry of Interior; Activity 2, Sub-activity 1 - corresponds to line 41 from the distribution of costs as per Table 3;

- Project „Strengthening the capacity of Police for counteraction of illegal trafficking in wastes”: **Contract № 3286p-25890/15.06.2020** on Delivery of computer equipment and multifunctional devices - Activity 2, Sub-activity 1 - corresponds to line 41 from the distribution of costs as per Table 3;

- Project „Decreasing the level of corruption in Patrol and Road Police through introduction of video surveillance at the police cars”

Contract № 3286p-47879/02.12.2016 on delivery of computer working stations and provision of post guarantee service - Activity 2, Sub-activity 1 - corresponds to line 41 from the distribution of costs as per Table 3;

Contract № 3286p-47882/02.12.2016 on expanding of existing disk storage with additional disk space - Activity 2, Sub-activity 1 - corresponds to line 48 from the distribution of costs as per Table 3;

Contract № 3286p-52487/28.11.2019 on delivery of body-worn cameras, tablets, mobile printers and computer configurations - Activity 2, Sub-activity 1 - corresponds to line 39 from the distribution of costs as per

Table 3;

Contracts for project HOME/2016/ISFB/AG/EMAS/0035 funded under ISF Emergency Assistance:

Contract 1249100-92/22.02.2018 on delivery of police cars with specific police equipment; **Contract YPI 12491 on - 352/13.11.2018** – on delivery of off-road police cars with specific police equipment, **Contract YPI 12491 on - 75/14.02.2018** – on delivery of off-road police cars with specific police equipment - corresponds to line 42 from the distribution of costs as per Table 3

Contract 1249100-92/22.02.2018 – on delivery of police cars with specific police equipment - corresponds to line 43 and line 45 from the distribution of costs as per Table 3.

Consultation with experts of Property Management Section and Security Police Department at the General Directorate National Police – concerning line 44 from the distribution of costs as per Table 3;

Consultation with experts of Communication and Information Systems Directorate, Ministry of Interior concerning line 46 from the distribution of costs as per Table 3;

Consultation with experts of Property Management Section and Security Police Department at the General Directorate National Police and Internet searching concerning 47 and line 49 from the distribution of costs as per Table 3.

5.1. Indicative allocation of the financial resource depending on the type of expense

Indicative distribution of the financial resource by activities and type of expenditure:

Activity 1.1:

- + Construction / rehabilitation of infrastructure (construction and installation work) - 15%
- + Physical capital (procurement of: hardware and software; centralized array for storage of recorded video images; system of sensors for measuring and reporting certain parameters.) - 45%
- + Human capital (training of employees for maintenance of and operation with the delivered equipment) - 1%
- + Labor (wage costs, consulting services) - 1%
- + Technology (costs for acquisition of Intangible Long-term Assets - patents, software...) - 38%

Activity 1.2:

- + Construction / rehabilitation of infrastructure (construction and installation work) - 0%
- + Physical capital (purchase of machinery and equipment) - 30%
- + Human capital (skills development, retraining...) - 5%
- + Labor (wage costs, consulting services...) - 5%
- + Technology (costs for acquisition of Intangible Long-term Assets - patents, software) - 60%

Activity 2

- Physical capital (purchase of machinery and equipment) - 98.81%
- Human capital (skills development, retraining...) - 0.09%
- Labor (wage costs, consulting services...) - 0.53%
- Technology (costs for acquisition of Intangible Long-term Assets - patents, software...) - 0.57%

6. Indicators

6.1. Result indicator/s

For Activity 1: Functioning National Intelligent Security System

STAGE 1 / Result (Milestone) Upgrading the central component of the NSSI video surveillance system and creating conditions for expansion and integration with other video surveillance systems

- + Number of upgraded functionalities of the central component

- Baseline - 0 [1st half of 2021]
- Milestone - 1 [2nd half of 2021]
- Target - 2 [1st half of 2022]

✚ Implemented video analytics software with self-learning capabilities

- Baseline - 0 [1st half of 2021]
- Target - 1 [1st half of 2022]

✚ Built centralized array for data storage

- Baseline - 0 [1st half of 2021]
- Target - 1 [1st half of 2022]

STAGE 2 / Result (Milestone) Integration of NISS with other video surveillance systems

✚ Number of integrated video surveillance systems in NISS

- Baseline - 0 [1st half of 2021]
- Milestone - 1 [1st half of 2022]
- Target - 2 [2nd half of 2022]

✚ Number of urban infrastructure sites covered by intelligent video surveillance

- Baseline - 0 [1st half of 2021]
- Milestone - 1 [1st half of 2022]
- Target - 3 [2nd half of 2022]

✚ Number of installed CCTV cameras

- Baseline - 0 [1st half of 2021]
- Milestone - 50 [1st half of 2022]
- Target - 100 [2nd half of 2022]

STAGE 1 / Result (Milestone) Upgrading the GIS platform with specialized GIS functionalities

✚ Analysis and design of advanced database, workflows, user interface and integrations with other interdepartmental systems and databases.

- Baseline - 0 [1st half of 2021]
- Target - 1 [1st half of 2022]

✚ Delivery of the necessary software for upgrading the GIS platform with specialized GIS functionalities and Provision of machines, equipment and hardware.

- Baseline - 0 [1st half of 2021]
- Target - 1 [1st half of 2022]

✚ Delivery of 3D maps of settlements (municipal centers - building heights) - minimum 36 pieces;

- Baseline - 0 [1st half of 2021]
- Milestone - 15 [1st half of 2022]
- Target - 36 [2nd half of 2022]










✚ Functionality for routing and visualization on a geographical environment of objects in real time, analysis of routes set up;

- Baseline - 0 [1st half of 2021]
- Target - 1 [1st half of 2022]

STAGE 2 / Result (Milestone) Integration of GIS with other systems

✚ Integrated GIS with the MTITC Single Information Point

- Baseline - 0 [1st half of 2021]
- Target - 1 [2nd half of 2022]

-  Integrated GIS with IASS to support the process of analyzing and visualizing information;
 - Baseline - 0 [1st half of 2021]
 - Target - 1 [2nd half of 2022]
-  Integrated GIS with NS112 and video surveillance systems
 - Baseline - 0 [1st half of 2021]
 - Target - 1 [2nd half of 2022]
-  Established interdepartmental portal for entering and maintaining data on critical infrastructure management plans and disaster and accident plans;
 - Baseline- 0 [1st half of 2021]
 - Target - 1 [2nd half of 2022]
-  Updated geoportal of AOC (Aerospace Observation Center);
 - Baseline - 0 [1st half of 2021]
 - Target - 1 [2nd half of 2022]
-  Functionality for receiving real-time data from the Ministry of Health (Regional Health Inspectorate) in connection with epidemics and pandemics of humans and animals set up;
 - Baseline- 0 [1st half of 2021]
 - Target - 1 [2nd half of 2022]
-  Functionality for receiving real-time data on the levels of water bodies in Bulgaria from hydrometric stations set up;
 - Baseline - 0 [1st half of 2021]
 - Target - 1 [2nd half of 2022]
-  Functionality for receiving real-time data from seismological centers set up;
 - Baseline - 0 [1st half of 2021]
 - Target - 1 [2nd half of 2022]
-  Functionality for updating data (monthly and quarterly) from Civil Registration and Administrative Services set up;
 - Baseline- 0 [1st half of 2021]
 - Target - 1 [2nd half of 2022]
-  Number of trained persons - 250
 - Baseline- 0 [1st half of 2021]
 - Milestone - 100 [1st half of 2023]
 - Target - 250 [2nd half of 2023]

For Activity 2: Upgrading the system for prevention and counteraction of corruption among the officers of the Ministry of Interior and increasing the transparency in providing services to the citizens

STAGE 1 / Result (Milestone) Upgrading the integrated system for mobile video-surveillance in patrol cars for 13 Regional Directorates of Ministry of Interior and Metropolitan Directorate of Ministry of Interior (Regional Directorates of Ministry of Interior in Blagoevgrad, Veliko Tarnovo, Vidin, Vratsa, Gabrovo, Kyustendil, Montana, Pazardzhik, Pernik, Pleven, Plovdiv and Sofia)

Indicators:

✚ Number of new vehicles delivered, in accordance with up-to-date environmental standards in Europe - at least 300 cars and 150 all terrain vehicles;

- Baseline - 0 [1st half of 2020]
- Milestone - 300 [II half of 2021]
- Target - 450 [1st half of 2022]

✚ Number of checks for harmful emissions from cars - in two stages (measurement of emissions of available cars from the existing fleet, measurement of emissions from delivered new cars);

- Baseline - 0 [II half of 2021]
- Target - 5 [1st half of 2022]

✚ Number of purchased body cameras;

- Baseline - 0 [1st half of 2021]
- Milestone - 500 [I half of 2022]
- Target - 1000 [II half of 2022]

✚ Number of delivered docking stations;

- Baseline - 0 [II half of 2022]
- Target - 150 [II half of 2023]

✚ Number of delivered specialized protection equipment for the conditions of COVID-19;

- Baseline - 0 [1st half of 2021]
- Milestone - 900 [I half of 2022]
- Target - 1800 [II half of 2022]

✚ Number of specific equipment for communication, video information and police equipment;

- Baseline - 0 [I half of 2022]
- Target - 30 [II half of 2022]

✚ Number of trained officers (2 employees each from GDNP, Regional Directorates of Interior and Metropolitan Directorate of Interior)

- Baseline - 0 [II half of 2021]
- Target - 30 [II half of 2022]

STAGE 2 / Result (Milestone) Upgrading the integrated system for mobile video surveillance in patrol cars for 14 Regional Directorates of Interior (Burgas, Varna, Dobrich, Kardzhali, Silistra, Smolyan, Stara Zagora, Sliven, Ruse, Razgrad, Targovishte, Shumen, Haskovo and Yambol)

Indicators:

✚ Number of new vehicles delivered, in accordance with modern environmental standards for vehicles in Europe - a minimum of 250 cars and 150 off-road vehicles;

- Baseline - 0 [II half of 2021]
- Milestone - 200 [II half of 2021]
- Target - 400 [I half of 2022]

✚ Number of checks for harmful emissions from cars - in two stages (measurement of emissions of available cars from the existing fleet, measurement of emissions from delivered new cars);

- Baseline - 0 [1st half of 2022]
- Target - 5 [II half of 2022]

✚ Number of purchased body cameras;

- Baseline - 0 [II half of 2021]
- Milestone - 350 [I half of 2022]

- Target - 700 [II half of 2022]

✚ Number of delivered docking stations;

- Baseline - 0 [I half of 2022]

- Target - 100 [II half of 2022]

✚ Number of specialized protection equipment for the conditions of COVID-19;

- Baseline - 0 [II half of 2021]

- Milestone - 500 [1st half of 2022]

- Target - 1000 [II half of 2022]

✚ Number of specific equipment for communication, video information, police equipment;

- Baseline - 0 [1st half of 2022]

- Target - 30 [II half of 2022]

✚ Number of trained officers (2 employees each from Regional Directorates of Interior, Metropolitan Directorate of Ministry of Interior and General Directorate National Police)

- Baseline - 0 [1st half of 2022]

- Target - 30 [II half of 2022]

The indicators will be measured using periodic project implementation reports and relevant contracts' documentation.

Sub-activity 2

STAGE 1 / Outcome (Milestone) Preparation for improving the service to citizens in the post-crisis situation. Public opinion poll. Publicity

Indicators:

✚ Number of publications on the websites of GDNP / Metropolitan Directorate of Ministry of Interior and Regional Directorates of Ministry of Interior/ national media;

- Baseline - 0 [1st half of 2021]

- Target - 5 [II half of 2022]

✚ Elaborated and conducted initial population surveys on the work of police officers and access to services in the conditions of COVID-19;

- Baseline - 0 [1st half of 2021]

- Target - 1 [II half of 2021]

STAGE 2 / Result (Milestone) Improving the services to the citizens in the post-crisis situation for 13 Regional Directorates of Interior and Metropolitan Directorate of Interior (Blagoevgrad, Veliko Tarnovo, Vidin, Vratsa, Gabrovo, Kyustendil, Montana, Pazardzhik, Pernik, Pleven, Plovdiv and Sofia)

Indicators:

✚ Number of premises with improved conditions for admission in the Regional Police Stations;

- Baseline - 0 [1st half of 2022]

- Milestone - 50 [II half of 2022]

- Target - 100 [1st half of 2023]

✚ Number of trained officers - minimum 100;

- Baseline - 0 [1st half of 2022]

- Target - 100 [1st half of 2023]

- ✚ Number of publications - 1 in national media, minimum 5 on the websites of General Directorate National Police / Metropolitan Directorate of Ministry of Interior and Regional Directorates of Ministry of Interior;
- Baseline - 0 [1st half of 2022]
- Target - 6 [1st half of 2023]

STAGE 3 / Result (Milestone) Improving the service of the citizens in the post-crisis situation for 14 Regional Directorates of Interior (Burgas, Varna, Dobrich, Kardzhali, Silistra, Smolyan, Stara Zagora, Sliven, Ruse, Razgrad, Targovishte, Shumen, Haskovo and Yambol)

- ✚ Number of premises with improved conditions for admission of citizens in the Regional Police Stations;
- Baseline - 0 [II half of 2022]
- Milestone - 50 [1st half of 2023]
- Target - 110 [II half of 2023]

- ✚ Number of purchased and put into operation electronic terminals in the Regional Police Stations;
- Baseline - 0 [II half of 2022]
- Milestone - 90 [1st half of 2023]
- Target - 180 [II half of 2023]

- ✚ Number of trained officers - minimum 100;
- Baseline - 0 [II half of 2022]
- Target - 100 [II half of 2023]

- ✚ Number of publications - 1 in national media, minimum 5 on the websites of GDNP, Metropolitan Directorate of Ministry of Interior and Regional Directorates of Interior;
- Baseline - 0 [1st half of 2023]
- Target - 6 [II half of 2023]

The indicators will be measured using periodic project implementation reports and relevant contracts' documentation.

6.2. Effect indicator/s

Indicators for the initial and final effect of the implementation will be used, with the focus on the consequences related to the implementation of the project, which exceed the immediate result.

Activity 1

Increasing the level of security and public safety

Improved capacity for information analysis at national level.

- Implemented integration modules allowing the implementation of broad spectrum analysis.
 - Baseline - 0 [1st half of 2021]
 - Target - 6 [2nd half of 2022]
- Implemented 3D maps (with building heights) allowing increasing the capacity of spatial analysis.
 - Baseline - 0 [1st half of 2021]
 - Milestone - 15 [1st half of 2022]
 - Target - 36 [2nd half of 2022]

Activity 2

Indicators for the initial and final effect of the project implementation will be used. Given the three-year implementation period, Milestones of the effect indicators have been introduced.

STAGE 1: Preparation for upgrading the integrated system for mobile video surveillance in patrol cars.

- ✚ Increased transparency – number of publications regarding measures taken to improve citizens' access to services - measurement by number of reported cases in media - basic value 0 – 1 media publication and at least 10 publications on the website of GDNP/ Regional Directorates of Interior;
 - Baseline - 0 [2nd half of 2020]
 - Target – 11 [II half of 2021]
- ✚ Created conditions for research and increasing the trust of the citizens - prepared and conducted a survey for initial research of the attitude of the citizens - basic value 0 - the achieved value 1;
 - Baseline - 0 [2nd half of 2020]
 - Target - 1 [1st half of 2021]

STAGE 2: Improving the service of the citizens in the post-crisis situation for 13 Regional Directorates of Interior and Metropolitan Directorate of Interior (Blagoevgrad, Veliko Tarnovo, Vidin, Vratsa, Gabrovo, Kyustendil, Montana, Pazardzhik, Pernik, Pleven, Plovdiv and Sofia)

- ✚ Coverage of the patrol activity with equipment preventing corrupt behavior and practices in Regional Directorates of Interior and Metropolitan Directorate of Interior (upgrading of an ongoing project);
 - Baseline – 35% [1st half of 2022]
 - Target – 60% [2nd half of 2022]
- ✚ Modernization and environmental compliance of the existing auto-park (cars with a higher standard for exhaust emissions) ;
 - Baseline – 0% [1st half of 2022]
 - Target – 25% [2nd half of 2022]
- ✚ Increased transparency – number of publications regarding measures taken to improve citizens' access to services- measurement by number of reported cases in media - basic value 1 +10 - achieved at least 1 media publication and at least 10 publications on the websites of General Directorate National Police and Regional Directorates of Interior;
 - Baseline - 11 [1st half of 2022]
 - Target – 22 [2nd half of 2022]

STAGE 3: Improving the service of the citizens in post-crisis situation in 14 Regional Directorates of Interior (Burgas, Varna, Dobrich, Kardzhali, Silistra, Smolyan, Stara Zagora, Sliven, Ruse, Razgrad, Targovishte, Shumen, Haskovo and Yambol)

- ✚ Improved mechanism for prevention and counteraction of corruption in Regional Directorates of Interior and Metropolitan Directorate of Interior – upgrading of ongoing project – Baseline 60% coverage of patrolling activities with equipment to prevent corrupt behavior and practices;
 - Baseline – 60% [1st half of 2022]
 - Target – 85% [2nd half of 2023]
- ✚ Modernization and environmental compliance of the existing auto-park (cars with a higher standard for exhaust emissions);
 - Baseline – 25% [2nd half of 2021]
 - Target – 50% [1st half of 2022]
- ✚ Increased transparency - number of publications regarding the measures taken to improve citizens' access to services - measurement by number of cases covered in the media - Baseline - 2 - achieved at least 3 media publications and at least 30 publications on the websites of Regional Directorates of Interior and Metropolitan Directorate of Interior;
 - Baseline - 2 [1st half of 2023]
 - Target - 33 [2nd half of 2023]

- ✚ Survey and increase of the trust of the citizens - prepared and conducted a survey for research of the change in the attitude of the citizens – target value - + 30 % increased trust;
 - Baseline - 1 [1st half of 2021]
 - Target - 2 [2nd half of 2023]
- ✚ Improving the access of citizens to services - measurement through delivered electronic terminals;
 - Baseline - 0 [1st half of 2022]
 - Target - 180 [2nd half of 2023]
- ✚ Use of services by citizens through electronic terminals;
 - Baseline - 0 [2nd half of 2022]
 - Target - 1000 [2nd half of 2023]
- ✚ Improved conditions for reception of citizens - delivered computer and office equipment ;
 - Baseline - 0 [1st half of 2023]
 - Target - 420 [2nd half of 2023]
- ✚ Increased expert capacity of officers – base - 0 – trainings conducted ;
 - Baseline - 0 [1st half of 2021]
 - Target – 200 [2nd half of 2023]

7. Does the project require the opening of a procedure pursuant to the Public Procurement Act (PPA)?

Activity 1: procedures under the Public Procurement Act are required. Public procurements will be implemented under the Public Procurement Act and the Rules on the Implementation of the Public Procurements Act with Communication and Information Systems Directorate as Contracting Authority.

Activity 2: procedures under the Public Procurement Act are required - listed above by subject and contracts value. Public procurements will be implemented under the Public Procurement Act and the Rules on the Implementation of the Public Procurements Act with General Directorate National Police as Contracting Authority.

7.1. If a procedure under the Public Procurement Act is required, what part of the activities and financial resources will be subject of the public procurement?

Activity 1:

Activity 1.1: 99%

Activity 1.2: 95%

Activity 2: 98.85 %

7.2. If a procedure under the Public Procurement Act is required, what is the indicative schedule for its implementation?

Activity 1:

Subject of the public procurement: “Building a National Intelligent Security System (NISS)”

Description of the public procurement:

1 “Upgrading IASS and integration with existing information systems”

2. “Upgrading the GIS platform of the Ministry of Interior to ensure high-tech capabilities at the national level for prevention and sustainable management in the field of public safety and analysis of information from Critical Infrastructure related to population prevention in the territory of the Republic of Bulgaria”

Contracting Authority: Communications and Information Systems Directorate - Mol.

Type of contest: Procurement under the Public Procurement Act

Indicative schedule for preparation and implementation of the public procurement:

180 days for preparation and implementation of public procurement (PP), incl. 60 days for preparation of technical specifications and documentation, 30 days for collection of offers, 30 days for work of evaluation commission, 15 days for waiting for the term for appeal, 30 days for concluding a contract, 15 days of unforeseen delays (questions to the participants, etc.).

540 days for execution of a contract under PP

Value of the public procurement: 25 339 791 €.

Activity 2 includes the implementation of 13 public procurement procedures;

- 12 open public procurement procedures - each of them with the duration of 270 days, time for unforeseen delays such as appeal, termination of the procedure and reannouncement due to reasons specified in Public Procurement Act, etc. is also envisaged

- 1 public competition - with the duration of 180 days;

- 2 direct award contracts – 30 days.

The initial value VAT included of all the public procurements is 0.

TITLE OF THE PUBLIC PROCUREMENT	Indicative schedule	Milestone value with VAT	Year for payment of the intermediate value as per the concluded contract	Target value with VAT	Year for payment of the intermediate value as per the concluded contract	Subject and type of the public procurement
Purchase of body-worn cameras – Sub-Activity 1	September 2021 – June 2022	1173000	2022	2346000	2022	Delivery Open procedure
Purchase of SIM cards with data transfer / traffic for 24 months - Sub-Activity 1	November 2021 – May 2022	234600	2022	469200	2022	Delivery Open procedure
Purchase of computer and IT equipment - printer and tablet sets with power adapter, carrying and security bag and printer / plotter for printing A0 +	August 2021 – May 2022	944675	2022	1889350	2022	Delivery Open procedure

consumables, computer configurations and MFPs - Sub-Activity 1						
Purchase of cars with specific protection equipment in pandemic conditions and Purchase off-road vehicles - Sub-Activity 1	May 2021 – June 2022	25789350	2021	51578700	2022	Delivery Open procedure
Purchase of police equipment for 700 police cars, incl. siren, lamp, tetra terminal, cones, strips, etc. - Sub-Activity 1	June 2021 – April 2022	1750000	2022	3500000	2022	Delivery Open procedure
Purchase of information terminals Sub-Activity 2	July 2021 – April 2022	1800000	2022	3600000	2022	Delivery Open procedure
Purchase of office furniture and equipment - binding machine and paper knife / guillotine Sub-Activity 2	June 2022 – January 2023	147460	2022	294920	2023	Delivery Public competition
Delivery of logistics services - catering, hall rental and technical equipment, coffee breaks and advertising materials Sub-Activity 2	September 2021 – August 2022	23467.8	2022	46935.6	2023	Service Open procedure

Purchase of protective equipment - shockproof helmets with visor and shockproof shields - Sub-Activity 1	June 2021 – April 2022	3542000	2022	7084000	2022	Delivery Open procedure
Purchase of tetra terminals, equipment and installation for 150 operational vehicles - Sub-Activity 1	November 2021 –July 2022	300000	2022	600000	2022	Delivery Open procedure
Purchase of mobile means of communication and video information for 30 operational vehicles x 2 pieces in each - Sub-Activity 1	October 2021 –August 2022	30000	2022	60000	2022	Delivery Open procedure
Purchase of a set of equipment incl. masks, protective clothing, gas masks, etc. - Sub-Activity 1	October 2021 –August 2022	2443750	2022	4887500	2022	Delivery Open procedure
Server / s and disk space expansion for information storage and docking stations 250 pieces- Sub-Activity 1	April 2022 – April 2023	956417.12	2022	1 912834.24	2023	Delivery Open procedure
Conducting a survey - at the beginning and end of	May 2021- July 2021	10050	2021	20100	2023	Service Direct award contract

the project - Sub-Activity 2						
Media publications - 3 times - Sub-Activity 2	May 2021 - July 2021	600	2021	1200	2022 and 2023	Service Direct award contract

8. Demarcation and complementarity

8.1. If similar projects have been implemented (regardless of their source of funding), describe how this project builds on / complements hat has been achievedwith previous projects.

Activity 1

Sub-activity 1

An integrated automated security system has been built in the Ministry of Interior (IASS of the Ministry of Interior), combining intelligent software, automated information systems (AIS) of the Ministry of Interior and sources of video information of Sofia Municipality and the external borders of the Republic of Bulgaria.

IASS was established during the Bulgarian Presidency of the Council of the EU with state budget funds, and subsequently developed with funds from the Internal Security Fund funded by the European Union.

Systems for video surveillance and license plate recognition of vehicles passing through the border checkpoints at the EU's external borders have been set up, and the activity has been implemented with funds from the Internal Security Fund financed by the European Union.

Upgrading the system within this project will contribute to the establishment of a homogeneous security system at national level, bringing together information from public institutions and private institutions with significant status with the aim to investigate and prevent crime, which will significantly increase public and national security. The system can be used as a cross-border system within the European Union not only to protect the Union's external borders, but also to warn of possible threats; it has the potential of becoming an "European security platform".

Sub-activity 2

The existing GIS system in the Ministry of Interior has been built over the years, and the concluded contracts have built various components of the systems, creating a precondition for the implementation of a single integrating and unifying different sources of information platform, with the critical infrastructure entered in the database. The addition of extra functionalities and integrations, provided in the activity under this project, aim at assisting the central and local authorities, the authorities responsible for management prevention and reaction of various events, threatening lives, health and the material values of the citizens on the territory of the Republic of Bulgaria.

The Ministry of the Interior has put into operation and uses the Geographic Information System "Crisis Management" and the Geographical Information System "Visualization of AIS Data". They have been developed based on the implemented projects financed by the Internal Security Fund.

This project upgrades and complements the already built systems by receiving information from different types of sources in real time, increasing the level of prevention of disasters, crises and risk areas, realization of fast broad-spectrum analysis of input structured data, which will minimize the processing time and synthesis of the received information. Modeling of 3D urban environment, as well as modeling of the risk areas in case of complicated factors, received from the integration modules. Providing prior information to the public before entering the risk area, as well as information about possible life threatening events, concerning the health, the property and the material values of the citizens. NS 112 will be integrated into the platform. Functions related to analysis of work processes and control of the responding units according to DPA and NSA112 will be further developed, and the analytics related to KI control and prevention to the population related to the impact of various critical situations will be further developed.

The aim is also to create a single digital geographic database integrated with the critical infrastructure for the territory of the country, enabling the governing institutions as well as the responding structures of the central and local government to receive in real time on the geographical environment a common operational picture

regarding occurred event(s). Such as planning of main and alternative routes, population for evacuation, necessary transport for transportation, medical establishments nearby, as well as other activities assisting the management services in making decisions related to the protection of life, health and material values of people at risk. / endangered area / s.

As a final result on the basis of what has been built so far, as well as what is planned for construction in the project, preconditions will be created for implementation of a system to a settlement for the territory of the country, which will help the governing management and the population.

Activity 2 of this project proposal reflects and upgrades another project implemented by National Police General Directorate (GDNP) "Reducing the level of corruption among the patrol and traffic police by the introduction of video surveillance in police cars", funded under the Internal Security Fund 2014 - 2020 - Grant Agreement (Grant) № 812108-103 / 13.10.2015.

The development of the proposal envisages interconnection and complementarity with currently implemented projects where GDNP is a partner or a leading beneficiary – Home Affairs Programme of the Norway Grants 2014 – 2021 directly related to the deteriorated Pandemic issues:

- project "Prevention and Counteraction of Corruption" - procedure BGHOMEAFFAIRS-4.001-0001, lead beneficiary Directorate "Internal Security" - Ministry of Interior;
- project "Improving the effectiveness of policing in the field of domestic violence and gender-based violence" - procedure BGHOMEAFFAIRS-3.001, lead beneficiary GDNP - Ministry of Interior;
- project "Improving the coordination and dialogue between Police and Roma society" - procedure BGHOMEAFFAIRS-3.002, leading beneficiary GDNP - Ministry of Interior.

The current trends in dynamic development of economy and technology find a reflection in the field of criminality. In this regard environmental protection is becoming increasingly important. In view of the dynamics of the criminogenic and pandemic situation, the project concept is linked to a project implemented by GDNP under the Internal Security Fund 2014-2020 "Strengthening the capacity of Police to combat illegal waste trafficking", procedure BG65ISNP001-5.013, which is in line with the Bulgarian national priorities in this field, as well as addresses the activities set at European level under the Operational Action Plan 2019 of EMPACT, Priority: Crimes Against the Environment.

8.2. If similar projects are envisaged to be implemented under the Partnership Agreement programs, the centrally managed facilities of EU or the Just Transition Fund, outline the demarcation with this project.

With regard to **Activity 1**, no similar projects are foreseen under the Partnership Agreement programs, the centrally managed instruments of the EU or the Fair Transition Fund.

Sub-Action 1 and Sub-Action 2 are in line with Policy Objective 1 of the Partnership Agreement, which provides for measures to be planned in the field of digitalisation of public services for the benefit of citizens and businesses, and with the envisaged measures in the field of digital connectivity under the Recovery and Resilience Plan.

Sub-Action 2 will also contribute to addressing the priorities under Policy Objective 2, in which the focus of the interventions will remain disaster risk management and Policy Objective 3, within which road safety measures will be planned, including its integration in road infrastructure management.

Activity 2 of the project is elaborated with a direct focus on the objectives of the new Instrument and treats activities falling under the competences of National Police General Directorate, Metropolitan Directorate of Ministry of Interior and the Regional Directorates of Ministry of Interior all over the country.

The activity corresponds to the policies included in the draft Partnership Agreement and to the measures that will be planned for implementation and support within the future Programmes:

- related to the planned introduction of electronic terminals in the structures of the Ministry of Interior under Activity 2, the project corresponds to Policy Objective 1, within which are planned measures in the field of digitalization of public services for the benefit of citizens and businesses;
- related to the envisaged reduction of the negative impact on the environment and the health of citizens under Sub-activity 1, the project is in line with Policy Objective 2, within which measures will be introduced to reduce the levels of air pollution.

The objective of the activity is in line with Policy Objective 5, within which according to the legislative proposals under the Cohesion Policy Funds 2021-2027, interventions aimed at "promoting integrated social, economic and environmental development, cultural heritage and urban security", and "promoting integrated social, economic and environmental development at local level, cultural heritage and security, including for rural and coastal areas, by community-led local development".

The project as a whole has no analogue or overlapping with other projects proposed or approved for funding by the above-mentioned external donors to the Ministry of Interior or using national funding - in order to avoid overlapping of similar activities or double funding, the proposal is consistent with currently implemented or finalized projects (described in item 8.1).

Demarcation and complementarity with funds/instruments in the area of Home Affairs

The project proposal complements projects with similar topic (prevention and counteraction of corruption setting up and upgrade of video surveillance systems and GIS) that have been funded under the National Programme of Internal Security Fund (ISF) 2014-2020.

The demarcation will be ensured in terms of the different as a scope and intention activities/costs that have been supported/are envisaged to be supported in view of the specifics of the objectives of the relevant instruments.

The projects and activities funded under ISF 2014-2020 are aimed at ensuring effective border control of EU external borders, prevention and counteraction of cross-border, serious and organised crime, including terrorism and increasing the capacity for effective management of security related risks and crises.

The mentioned areas are expected to fall under the scope of support of Home Affairs instruments for the next programming period.

The projects of similar topic that are granted support under the Home Affairs funds to the extent they are related to the achievement of the objectives of the relevant instruments and in compliance with the limitations to the costs deriving from the sectoral legislation.

One of the components of the project proposal is related to the establishment of a national intelligent security system which will be aimed at prevention and protection of the population, efficiency in the fight against crime and taking preventive action to prevent adverse events in its development, riots, road safety, as well as protecting critical infrastructure and sites of national importance. Activities for intergartion with systems for analysis of environmental standards and meteorological data related to the Road Traffic Act and the Law on Disaster Protection Law are envisaged. Analyses show that climate related events such as floods, storms, snowfall, droughts, etc. represent about 90% of all big disasters in Bulgaria.

Significant part of the component aimed at counteraction of corruption is related to patrol activity and addressing of predominantly national needs and priorities. Vehicles that are envisaged to be delivered will be used mainly for goals and tasks related to the maintenance of public order and with collaboration with local authorities and civil society, which will result in enhancement of the social and economic sustainability.

The scope and application of the activities included in the strategic project are beyond the scope of the funds in the Home Affairs area, as the activities related to prevention of conventional crime, protection of public order at national level and management of risks and reaction to natural crisis are not eligible under these funds.

The proposal envisages significant component of activities, related to facilitation of citizens access to public services. This component is also not in the scope of the financing under the Home Affairs area.

Demarcation, complementarity and the lack of double financing will be realized by the established mechanisms for coordination with other programmes and instruments financed with EU funding.

9. Does the project directly contribute to the implementation of any of the Council Specific Recommendations addressed to Bulgaria in the framework of the European Semester in the period 2017-2020? Please describe how.

Activity 1:

Sub-Action 1 contributes directly to the implementation of some of the Council's recommendations addressed to Bulgaria in the framework of the European Semester in the period 2017-2020 insofar as the provision of a National Intelligent Security and Prevention System provides the necessary working conditions for those responding units and institutions in the efforts to ensure adequate assessment and risk reduction,

effective supervision and implementation of a framework for combating terrorism, riots, prevention and protection of the population, effectiveness in combating crime for the competent structures of the Ministry of Interior and local authorities.

Public confidence in the institutions will also increase in ensuring prevention and protection of the population, which is an important condition for maintaining the viability of the economy in the conditions of the COVID-19 pandemic.

Sub-activity 2 will directly contribute to increasing the public confidence in the institution in the prevention and protection against crises and disasters, as well as the sustainable digitization and modeling of information for the benefit of socio-economic life in Bulgaria and the access of citizens and various institutions to electronic services. The focus and objectives of the project lead to increase efficiency in ensuring the prevention and protection from disasters of the elements of critical infrastructure.

The project is essentially an investment in the digital transition and it is a ready to implement public investment project with significant components of activities aimed at building, upgrading and developing national information systems. It is expected that the implementation of the project will contribute to improvement of the business environment which correlates with the Council Recommendation on the National Reform Program of Bulgaria for 2020 and in particular to the recommendation under p. 4 for minimizing the administrative burden for businesses by improving the efficacy of public administration and strengthening the e-government.

At the same time, the project is directly related to measures to effectively deal with the Covid-19 pandemic, providing an updated geographical data on the location of quarantined persons, the density of infections, the introduction of a quarantine regime for certain settlements or parts of them. etc. for the competent structures in their activity in order to control of the anti-epidemic measures.

The implementation of sub-activity 2 will contribute to increasing the efficiency in the prevention and management of disasters and crisis situations affecting the critical infrastructure and in this regard is in line with the findings of the Council Recommendation on the National Reform Program of Bulgaria for 2020 within the framework of the European Semester, according to which the problems in the field of security of critical infrastructure must be fully resolved.

Activity 2:

Activity 2 of the project is directly in line with the Specific Recommendations to Bulgaria of the EU Council in the framework of the European Semester 2017-2020. The planned activities are based on the conclusion of the EC on "Bulgaria's future growth, for which it is important to improve the quality of institutions, fight corruption and promote a favorable business climate."

The proposed activity is in line with the findings of the 2020 Report for Bulgaria in the framework of the European Semester, according to which challenges in the fight against corruption remain, and that the risk of corruption needs to be taken more seriously, as it is listed among the main barriers to external investments.

The activity reflects the general overview of the recommendations, according to which "anti-corruption institutions have to establish public trust and gain the reputation of institutions operating with independence and professionalism".

The activity is in line with the findings of the Council Recommendation of the 9th of July 2019 on the National Reform Programme of Bulgaria for 2019 and containing the Council's opinion on Bulgaria's Convergence Programme 2019, according to which corruption continues to be a serious concern and has a negative impact on investments.

By introducing electronic terminals in the structures of the Ministry of Interior (under Sub-activity 2), the project meets the requirements included in Item 4 of the Council Recommendation on the 2020 National Reform Programme of Bulgaria "to minimize the administrative burden for enterprises by improving the efficiency of public administration and strengthening e-government". It also reflects the opinion of the Council on the 2020 Convergence Program of Bulgaria. This activity corresponds to Item 24 of the Council Recommendation, according to which Bulgaria falls behind in providing electronic services and should encourage their use by citizens and businesses.

The activity is also developed in accordance with the recommendations for "investments in digitalization" as a tool for combating corruption, but also as part of the EU priorities and global approach to regional development.

The 2020 Rule of Law Report for Bulgaria as part of the new European Rule of Law Mechanism indicates the comprehensive reform of the legal and institutional anti-corruption framework and the improved cooperation

between the relevant authorities. The MoI is part of the national framework in the fight against corruption and it plays significant role in this area. As stated in the report the Internal Security Directorate of MoI investigates offences and corruption crimes committed by officials from the Ministry.

The proposed project could contribute to some of the measures outlined in the part II Legal Anti-Corruption Framework of the Action Plan announced following the Rule of Law Report for Bulgaria:

- Raising the investigation efficiency of corruption crimes and attaining more substantial results related to the final court sentences in the field;

- Counter-action to corruption crimes. Strengthening the prevention of corruption crimes.

Introduction of measures to prevent corrupt behavior by employees of the MoI, incl. of ICT is expected to minimize the role of the human factor in security monitoring and control processes and to increase transparency in the actions of police officers.

These measures will result in reducing the opportunities for corruption and ensuring favorable environment for economic development.

In particular one of the components of the proposed project envisages expansion of the scope and use of the established integrated system for mobile video surveillance in patrol vehicles, used by security police officers.

According to a study of Center for the Study of Democracy of 2016 the level of corruption in traffic police has decreased by 64 % following the implementation of anticorruption measures, including video control. Video control could be defined as modern and effective mean for prevention and counteraction to corruption. CSD also underlined in their report that there are „effects of sectorial anticorruption measures are already visible, for example in the area of traffic control“.

The statistical data provided by the Internal Security Directorate - Ministry of Interior show that there has been a significant change in the environment, as the introduced video surveillance of traffic control activities plays a positive role. The signals for corruption behavior against the traffic police officers are decreased a lot, as well there is a preventive effect on the citizens, who much less often offer bribes to the traffic police officers in order not to register their violation under the Road Traffic Act.

10. Does the project contribute to the implementation of a reform in a given sector? Please describe how.

Activity 1:

The activity will significantly increase and modernize the security sector and the operational activity of employees inside and outside the Ministry of Interior - the competent structures in public and local government, such as the Ministry of Interior, the Ministry of Health, municipalities, town halls and others.

For this reason, the reduction of crime and the taking of specific precautionary actions to prevent the occurrence of adverse events in its development is extremely important for the growth and sustainable development of the country.

The activity contributes to the implementation of the reform, such as the adaptation of our country to the new economic situation: renewed and more active form of multilateral relations regarding the security of Bulgarian and European citizens, their prevention and protection, equality of people, resilience of the next generation.

In addition, the activity is aimed at increasing the digitalization and the possibility to upgrade to current technological innovations such as consolidation and analysis of big data, machine learning, artificial intelligence and others, which will contribute to the implementation of the reform related to the digital transition.

The digitalization of the information visualized on the geographical environment will modernize the security sector and the operational activity in the Ministry of Interior, as well as will further develop the interaction between the Ministry of Interior, the Regional and Municipal Centers and the formed crisis headquarters at different levels - municipal, regional and national.

Activity 2:

The activity is directly related to the subsidiary measures facilitating the implementation of the reforms, outlined as a priority for the Republic of Bulgaria, in accordance with the guidelines and strategies at national and European level - anti-corruption, digitalization, assistance in environmental efficiency and maintenance policy.

The focus of the project as a whole is to support the adequate assistance of law enforcement agencies in the process of mitigating the economic and social impact of the pandemic caused by COVID-19.

The activity upgrades the measures implemented by the Ministry of Interior as part of the reform in the field of anti-corruption, which as outlined by the Mechanism for Cooperation and Verification should be further developed and used as an example for other institutions.

11. Does the project contribute to the development of any aspect of sustainable economic development? Please describe how.

Activity 1:

Sub-activity 1:

The activity will directly contribute to increasing the level of prevention and quick reaction of the competent authorities in making management decisions in protecting the population, effectiveness in combating crime and taking specific preventive action to prevent adverse events in its development, to a significant extent will ensure a higher quality of life and support sustainable economic development. The project will upgrade the ones set in the Implementation Plan of the Government Management Program of the Republic of Bulgaria in the period 2017-2021:

- **PRIORITY 16: FIGHT AGAINST TERRORISM, ORGANIZED CRIME AND CORRUPTION**

- 176. Ensuring a unified platform for integration of video surveillance systems and information exchange by building an Integrated Automated Security System (IASS).

- 177. Integration of built video surveillance systems, external to the Ministry of Interior, to the Integrated Automated Security System.

- **PRIORITY 17: IMPROVED AND COORDINATED COUNTERCENT AND PREVENTION OF CONVENTIONAL CRIME.**

- 197. Construction of video surveillance systems by the municipalities in the Republic of Bulgaria in places and zones with criminogenic potential - according to Guidelines for determining the places for construction of video surveillance systems and minimum functional and technical requirements to the systems prepared and approved by the Ministry of Interior.

Sub - activity 2:

The construction of a modern digital infrastructure, together with the parallel efforts to increase the level of prevention and fast response of the competent authorities in making management decisions for the detection and prevention of disasters and crises affecting critical infrastructure, life, health, property and material values of people will significantly ensure a higher quality of life and support sustainable economic development.

Activity 2:

The project concept is elaborated in accordance with the National Development Programme: Bulgaria 2020, which emphasizes on promoting the principles of transparent governance in the public sector.

The project is in line with the conclusions that in the modern state the main challenges to transparent government are related to the improvement of public services, strengthening public morale, more efficient management of public funds, creating greater security in settlements and places of dwelling, and increasing the accountability and reporting of companies and businesses.

According to various surveys and studies conducted by independent observers and included in the European Semester Report on Bulgaria 2020, corruption continues a serious concern and has a negative impact on investment. The implementation of the project objectives related to reducing the risk of corruption as an obstacle to economic activity will have a positive impact on economic and social stability and will ensure sustainable growth.

12. Does the project contribute to the implementation of the objectives of the National Development Program BULGARIA 2030? Please describe how.

Activity 1:

Sub-activity 1.1

The implementation of activity 1 of the project contributes to the implementation of the objectives of the National Development Program BULGARIA 2030, both directly related to the main axes of development, respectively the priorities and objectives related to them, and by indirectly supporting the implementation of other objectives. set in the program. An important condition for the successful implementation of the set goals is ensuring public order and protection of the population. Ensuring an adequate intelligent security and prevention system is of paramount importance for the proper functioning of the responding units.

The activity corresponds to the main focus of the policy for building a modern and secure digital infrastructure, as a basis for offering more services through digital management and cooperation of Priority 8 "Digital Connectivity", Development Axis 3, "Connected and Integrated Bulgaria". This will contribute to the implementation of Objective 11 for sustainable development "Transforming cities and towns into inclusive, safe, adaptable and sustainable places to live"

The implementation of the envisaged activities is related to the achievement of the Pillar of "Connectivity indicator" of the indicated priority and will contribute to building a modern digital infrastructure that will ensure secure communication and preservation of established democratic values.

Sub-activity 1.2 of the project will contribute to the construction of a modern and secure digital infrastructure, as a basis for offering more services through digital management and cooperation. The activity will play a significant role in the implementation of Priority 8 "Digital Connectivity", Development Axis 3, thus contributing to the achievement of Sustainable Development Goal 11 "Transforming cities and towns into inclusive, safe, adaptable and sustainable places for living", and Sustainable Development Goal 9 "Building flexible infrastructure, promoting sustainable industrialization, innovation and strengthening innovation".

Activity 2:

Activity 2 focuses on the main objective of the Priority 5 "Clean Air and Biodiversity", Axis of Development 2 "Green and Sustainable Bulgaria" in the field of environmental protection aiming at improving the quality of air and in particular - reducing the concentration of fine dust particles.

The implementation of the activity will support the implementation of Goal 3 "Ensuring a healthy life and promoting the well-being at all ages", as well as Objective 13 "Taking urgent action to combat climate change and its consequences".

The activity will also contribute to the implementation of Priority 9 "Local Development", Axis of Development 3 "Connected and Integrated Bulgaria" by facilitating the solution of local problems and challenges and thus will enhance the achievement of Goal 11 "Transforming cities and communities into safe, adaptable and sustainable places to live".

Within the framework of Axis of Development 4. "Responsive and Fair Bulgaria" the activity will contribute to building effective and responsible public institutions, sensitive to the needs of business and the needs of citizens. Efforts to increase the quality, efficiency and fairness of the legal and regulatory framework will contribute to both improving the business climate and the investment environment, as well as the quality of life of citizens. At the same time, the special focus of the policy on vulnerable groups and individuals will make it possible to achieve more inclusive and sustainable growth and shared prosperity for all.

The activity will directly contribute to Priority 10. "Institutional Framework" and in particular to the goals aiming at improving the quality, transparency and sustainability of executive policies and reducing the risk of corruption. The successful implementation of the activity will also contribute to the achievement of Goal 16 "Promoting peaceful and inclusive societies for sustainable development, ensuring access to justice for all and building effective, responsible and inclusive institutions at all levels."

13. Does the project contribute to the implementation of the objectives and priorities set out in the National Integrated Energy and Climate Plan? If yes, please describe how.

Activity 1:

Sub-activity 1

Through integration with meteorological data systems, precipitation data, wind direction and strength and air quality, it will be possible to superimpose models for analysis in the metadata obtained from video surveillance systems, using machine learning and artificial intelligence technologies. The integration and analysis of the information will improve the preventive activity in the different directions of work of the Ministry of Interior and the municipal administration.

Sub-activity 2:

The set goals for wider gasification require ensuring the security of transmission, distribution and supply of natural gas in the country and this project will support the prevention and security of both gas and electricity transmission infrastructure, including through the planned integration with the EIT and the possibilities of broad-spectrum analysis of information related to prevention. Information from cybersecurity monitoring systems will help protect populations and critical infrastructure elements in crises and disasters.

Activity 2:

Developing the project concept, the relevant recommendations and conclusions of the Integrated Energy and Climate Plan of the Republic of Bulgaria 2021-2030 have been taken into consideration.

In line with one of the strategic objectives namely "Reducing the negative impact of transport on the environment and human health", the project accorded with the up to date policies to combat air pollution as a global health risk.

The project is directly related to the policy of the European Union on compliance with environmental legislation, given the recent official reports and statistics that air pollution is the greatest environmental risk to European health.

The project is indirectly related to the recommendation included in the National Plan for "Enhancing general well-being and quality of life, which stimulates the transition to a low-carbon economy".