

Appendix 1 General Mitigation Action Plan

This Appendix to the General Environmental Management Plan for OVFMP 4A.3.1 Contract - POLRAD Weather Radar Modernization, general mitigation measures to reduce negative environmental impacts are presented as guidance for the Contractor under the 4A.3.1 Contract. The costs and schedule of these activities are included in the total Offer Price. The Contractor covers all the costs related to the implementation of the EMP, and the Accepted Contract Amount includes these costs.

The mitigation plan, where necessary, will be implemented taking into account the World Bank's Policy as expressed in the Operational Manual of the Odra – Vistula Flood Management Project, the World Bank's Operational Policy OP.4.12.

Explanation of the table in Appendix 1 to the EMP:

- Unless otherwise specified in a particular case, the term Task Implementation Area shall mean the area of execution of any preparatory works, proper works (including the Permanent Works and the Temporary Works) and any other works related to removal of defects and faults or execution of incomplete works specified in the Take-Over Certificate or found during the Defects Notification Period, including the necessary temporary acquisition areas.
- Unless otherwise specified in a particular case, the Implementation Period shall mean the period of execution of any preparatory works, proper works (including the Permanent Works and the Temporary Works) and any other works related to removal of defects and faults, or execution of incomplete works specified in the Take-Over Certificate or found during the Defects Notification Period.
- Unless otherwise stated in a specific case, the requirements for the Contractor described in the EMP shall apply to the entire Task Implementation Area;
- the activities described in this Appendix apply to all the Facilities included in the 4A.3.1 Contract;
- Due to the large number of facilities covering the project and their geographical spread, the activities concerning the detailed requirements for individual Facilities will be described in the check-lists or Appendixes to the detailed EMP for individual Facilities.

Construction Area / Construction Site shall mean the places where the Permanent Works are to be carried out, including storage areas and workplaces to which Equipment and Materials are to be delivered, as well as other places indicated in the Contract as forming part of the Construction Site. The terms "construction site" and "construction area" are the terms used interchangeably and are understood in the Conditions of the Contract to mean "Construction Site".

The term Facility refers to individual towns and the works within them i.e. for the 4A.3.1 Contract : Legionowo, Rzeszów, Świdwin, Pastewnik, Poznań, Ramża, Brzuchania, Uźranki, Góra Świętej Anny, Nowy Gdańsk (commune of Szemud), Gdańsk Rębiechowo. In the case of Legionowo, it means both the radar tower and the storage hall under construction, as well as the research and energy buildings under renovation.

The term Contractor primarily refers to the Construction Site Manager and the EMP Coordinator (the person responsible for Environmental Supervision).

The conditions described in Appendix 1 to the EMP are grouped into the following thematic categories:

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No.	Issue	Location	Mitigating action	Responsible entity
A - REQUIREMENTS FOR THE SCHEDULE OF WORKS AND IMPLEMENTATION OF THE EMP				
1	Schedule of works	Contact execution area	<p>Conditions of the EMP for the timing of works and selected activities related to the implementation of the EMP</p> <p>When scheduling the works and during the execution phase of the works, account should be taken of the terms and conditions of the EMP relating to the timing and duration of the various types of works, as detailed in the following table headings.</p>	Contractor
2	Schedule of works	The area of the Contact execution along with access roads	<p>EMP conditions for activities to be carried out before or at the preliminary stage of works on a given facility</p> <p>When scheduling the works and during the execution phase of the works, the terms and conditions of the EMP relating to the activities to be carried out prior to or at the start of a particular phase of the works, as detailed in the following table headings, should be taken into account, including but not limited to:</p> <ul style="list-style-type: none"> a) conditions for the construction and equipping of construction site facilities as well as roads and technological sites; b) conditions for access roads to the construction site; c) conditions for removing and securing the humus / mineral soil layer; d) conditions for the removal of trees and shrubs; e) condition of securing trees and shrubs not scheduled for removal; f) condition of securing the construction site against the intrusion of small animals; g) conditions for drainage of construction works; h) conditions for the development of selected documents; i) conditions for the documentation of the technical condition of buildings and infrastructure facilities; j) conditions for obtaining the approval of the PIU for the person coordinating the implementation of the EMP and the environmental supervision; k) conditions for training and educational activities. 	Contractor

B - REQUIREMENTS FOR THE ACCESS ROADS TO THE CONTRACT EXECUTION AREA				
3	Protection of land surface and landscape, protection of soil and water, protection of material assets, protection of animate nature	Access roads to the Contract execution area and their surroundings	<p>Location of access routes to the Contract execution area</p> <p>The existing road network should be used as far as possible as access routes to the Contract execution area. Should it be necessary to use existing non-public (so-called internal) roads as access roads, the Contractor shall be obliged to agree in advance with the owners or managers of such roads the conditions for using them, and then to comply with these conditions during the period of Contract execution.</p>	Contractor
4	Protection of land surface and landscape, protection of soil and water, protection of material assets, protection of animate nature	Access roads to the Contract execution area and their surroundings	<p>Establishing of new access roads</p> <p>If it is necessary to establish new access roads to the area of the Contract execution (outside the existing network of public and non-public roads), the following conditions apply, among others:</p> <ul style="list-style-type: none"> a) new access roads should be designed as short as possible, outside areas of high natural value and in a way that minimises the need to remove trees and shrubs. b) the planned locations of new access roads must be submitted, together with the above mentioned agreements, to the PEU for approval. c) the planned locations and conditions for the use of new access roads must be agreed with the owners or managers of the land lying within the strip and in the immediate vicinity of the strip of the planned road, and then it is required to adhere to these conditions during the period of execution of the Contract. d) obtaining the above-mentioned agreements does not release the Contractor from the necessity to comply with the legal regulations in force regarding the planning and execution of transport outside the existing road network. 	Contractor
5	Protection of human health and safety, protection of material assets	Access roads to the Contract execution area and their surroundings	<p>Ensuring safety and traffic flow on access roads</p> <p>During the period of execution of the Contract, the Contractor shall take all necessary organisational and technical measures, on an ongoing basis and in advance, to ensure safety and smooth flow of road traffic on access roads to the area of execution of the Contract (in particular in the vicinity of entrances and exits from the construction site), including but not limited to:</p>	Contractor

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			<p>a) if necessary, the Contractor shall ensure that all currently used access roads to the Contract execution area are properly marked in accordance with applicable law and in agreement with the relevant Road Authority and the Police. These markings will be inspected regularly and in the event of damage or theft, the Contractor will take immediate action to restore or replenish them.</p>	
6	Protection of land surface and landscape, protection of material assets	Access roads to the Contract execution area and their surroundings	<p>Documentation of the initial condition of the construction site, access roads and their surroundings</p> <p>The Contractor shall document the initial condition of areas likely to be adversely affected by the construction works, including but not limited to:</p> <p>a) The Contractor is obliged to make photographic documentation of the entire area of the Contract and access roads, with particular emphasis on the technical condition of roads and buildings located near the routes of transport of materials and construction equipment. The documentation should indicate the place and date of its production;</p> <p>b) Prior to the commencement of the use of individual sections of access roads to the Contract execution area, the Contractor shall conduct local inspections in the presence of the road authorities, as a result of which protocols on the condition of individual access roads shall be drawn up. On this basis, the Contractor will be obliged to restore the technical condition of the roads after completion of the works (see also item 12).</p>	Contractor
7	Protection of human health and safety	Access roads to the Contract execution area and their surroundings	<p>Keeping the access roads clean</p> <p>In order to maintain cleanliness and prevent accidents on the access roads to the Contract execution area, the Contractor will be required to take the following measures, among others:</p> <p>a) apply all available technical measures and organise the works so as to minimise the fouling of the access roads to the area of the Contract execution;</p> <p>b) remove immediately and systematically all debris generated on the access roads as a result of the movement of vehicles, machinery and equipment connected with the execution of the Contract (in particular in the vicinity of the entrances and exits of the construction site).</p>	Contractor
8	Protection of human health and safety, protection of material assets	Access roads to the Contract execution area	<p>Compliance with tonnage limits on the roads</p> <p>The works shall be planned and executed in such a way as to ensure that the technical condition of access roads to the Contract execution area is not impaired, in particular in connection with</p>	Contractor

		and their surroundings	transport of construction materials and equipment. The Contractor shall comply with statutory axle load restrictions when transporting materials and equipment to and from the Contract execution area.	
9	Protection of material assets	Access roads to the Contract execution area and their surroundings	<p>Repair of damage to buildings and infrastructure elements</p> <p>The Contractor shall be responsible for all damage to structures and buildings, roads, drainage ditches, culverts, water and gas pipelines, power poles and lines, cables, surveying and installation points of any kind, and other facilities such as vertical and horizontal markings, navigation signs, information boards, cultural artefacts, etc., caused by him or his Subcontractors, service providers and suppliers during the period of execution of the Contract.</p> <p>The Contractor will also be responsible for restoring the patency of ditches and drainage systems in the area of the works being carried out and transport routes used, in the event of damage caused during the execution of works and transport related to the service of works.</p> <p>The Contractor shall immediately repair any damage caused at its own expense.</p>	Contractor
C - REQUIREMENTS FOR THE LOCATION OF CONSTRUCTION SITE FACILITIES AS WELL AS ROADS AND TECHNOLOGICAL SITES				
10	Protection of land surface and landscape, protection of soil and water, protection of animate nature	Contract execution area	<p>Obligation to erect construction site facilities as well as roads and technological sites</p> <p>The stage of construction works should be preceded by works related to the preparation of the area for the investment covering, among others, the preparation of storage places for construction and installation materials and radar equipment, construction site facilities, etc. as well as the designation and preparation of traffic routes for machinery and vehicles.</p> <p>When planning the aforementioned elements of the construction site, it must be ensured that the land is used sparingly and that their area is kept to the necessary minimum. The area of temporary occupation of the land should be limited to what is necessary.</p>	Contractor
11	Protection of land surface and landscape, protection of soil	Contract execution area	<p>Conditions for the location of construction site facilities, yards, storage yards, etc.</p> <p>Construction site facilities, equipment unit bases, material and technological yards, car parks and storage areas for soil, construction materials and waste, should be located:</p>	Contractor

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	and water, protection of acoustic climate, protection of animate nature		<ul style="list-style-type: none"> a) in locations ensuring that there is no noise impact on acoustically protected areas; b) as far as possible from residential buildings; c) outside the range of natural habitats and other areas of natural value; d) so as to preserve any woody and shrubby vegetation growing outside the sites required for the construction work; e) avoiding shallow groundwater places in well-permeable formations and sites of plants, animals and fungi subject to legal protection; f) taking into account the principle of minimising land take and surface transformation, and the obligation to reclaim the site after completion of the works. 	
12	Protection of land surface and landscape, protection of soil and water, protection of acoustic climate, protection of animate nature	Contract execution area	<p>Conditions for the location of technological roads and technical sites</p> <p>Technological roads and technical yards should be located only:</p> <ul style="list-style-type: none"> a) in places allowing for compliance with the applicable regulations on acoustic protection of areas; b) as far as possible from residential buildings; c) at the maximum possible distance from existing watercourses, water bodies and wetlands; d) in such places as to preserve, as far as possible, any existing trees and shrubs growing outside the places that are necessary for the occupation of the land in connection with the implementation of the investment; e) outside the areas of the highest natural values; if it is not possible to meet this condition in a given location, technological roads should be located in the immediate vicinity of the works performed, occupying only the minimum necessary area of the above-mentioned lands; f) in the first instance on the existing roads. 	Contractor
D - REQUIREMENTS FOR THE REMOVAL OF TREES AND SHRUBS				
13	Protection of landscape, protection of animate nature	Contract execution area	<p>Acceptable scope and general conditions for the removal of trees and shrubs</p> <p>The removal of trees and shrubs should be limited to the minimum necessary to enable the works to be carried out. Only those trees and shrubs which grow in areas designated for construction</p>	Contractor

			<p>and development works or which prevent the work from being carried out should be removed, after obtaining the necessary permits in accordance with Polish law.</p> <p>Trees and shrubs planned for removal should be precisely located and clearly marked in the field. The compliance of the location and the number of trees and shrubs marked in the field as intended for removal with the applicable project documentation should be confirmed with a written opinion of the nature conservation officer.</p>	
E - REQUIREMENTS FOR SECURING TREES AND SHRUBS NOT INTENDED FOR REMOVAL				
14	Protection of landscape, protection of animate nature	Contract execution area	<p>Protection of areas under tree and shrub crowns</p> <p>Construction materials and waste must not be deposited in the vicinity of tree trunks, i.e. within the range of the tree crown outline and if possible at least 2 m outside this outline, nor near shrubs.</p> <p>Construction works should be carried out in a way that does not harm trees and shrubs not intended for removal.</p>	Contractor
15	Protection of landscape, protection of animate nature	Contract execution area	<p>Fencing of areas under the tree and shrub crowns</p> <p>Trees and shrubs not intended for removal but growing within the boundaries of the construction site (including temporary occupation areas) must be protected in a way that is visible to all participants of the works.</p> <p>These fences shall be installed prior to the commencement of works on a particular site of works and shall be maintained in good condition until the completion of the works which could have an adverse effect on the trees and shrubs concerned.</p> <p>During the period of execution of the Contract, the condition of fences protecting the trunks of trees and shrubs exposed to damage should be checked on an ongoing basis, and these fences should be maintained in a proper condition to ensure effective protection of the trunks against mechanical damage. Upon completion of the works, the above mentioned fences shall be removed.</p>	Contractor
16	Protection of landscape,	Contract execution area	<p>Securing trunks of trees not scheduled for removal</p>	Contractor

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	protection of animate nature		<p>Before commencement of the construction works on the site of works, the trunks of trees which are not to be removed must be protected against mechanical damage by means of shielding, e.g. with straw mats or formwork boards. In the event that it is technically impossible to use the above-mentioned protective measures, groups of trees/shrubs must be fenced off for the duration of the works.</p> <p>The following should be used to secure the greenery: wooden posts approx. 1.5 m high, polypropylene netting approx. 1.5 m high in bright colour or galvanised wire. If it is not technically possible to use the above solutions, fencing must be done with coloured tape.</p> <p>If cladding of boards is used, the cladding elements should be installed so that the boards fit tightly over the whole trunk surface and the edges of the boards do not damage the bark; the lower parts of the boards should be secured against shifting, for example by covering with soil, additional wire protection, etc.).</p> <p>During the period of execution of the Contract, the state of protection of tree trunks exposed to damage shall be checked on an ongoing basis and these protections shall be maintained in a proper condition to ensure effective protection of the trunks from mechanical damage. After the works on a given site are completed, the protective measures should be removed.</p>	
17	Protection of landscape, protection of animate nature	Contract execution area	<p>Securing or preventive pruning of limbs and branches of trees exposed to damage</p> <p>Limbs and branches of trees not scheduled for removal that are exposed to mechanical damage by working or moving vehicles, machinery and equipment shall be protected against damage, e.g. by supporting the lowest growing limbs and branches or by tying them to higher growing limbs and branches (in each case in a manner that does not damage the bark). If it is not possible to introduce the above-mentioned protective measures, limbs and branches of trees not scheduled for removal that are exposed to mechanical damage should be pruned as a preventative measure. Preventive pruning must not disturb the natural habit of the trees (it must not cover more than 1/3 of their green mass), while maintaining the stability and statics of the trees (the extent of pruning must be even on all sides of the crown). The places of the cuts should be properly protected with a fungicidal preparation. The planned range of cuts and the way in which the pruned limbs and branches are to be cared for must be agreed with the nature conservation officer.</p>	Contractor
18	Protection of landscape,	Contract execution area	<p>Carrying out work within the root balls of trees and shrubs</p>	Contractor

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	protection of animate nature		<p>Work in the root balls of trees and shrubs which are not to be removed must be carried out exclusively by hand under the following conditions:</p> <ul style="list-style-type: none"> a) do not cut off the skeleton roots (more than 4 cm in diameter); b) excavations should be made, as far as possible, not closer than 2 m from the trunk; c) the period during which exposed roots are exposed to dryness or frost shall be minimised; d) the optimum period for carrying out this work is between October and April. <p>The above-mentioned activities must be carried out in consultation with the nature conservation officer.</p>	
19	Protection of landscape, protection of animate nature	Contract execution area	<p>Securing exposed roots of trees and shrubs</p> <p>Exposed roots of trees and shrubs that are not to be removed shall be covered with straw or jute matting as recommended by the nature conservation officer.</p> <p>In the period from the beginning of April to the end of October, the exposed roots should be additionally protected against drying out (e.g. by pouring water on the above-mentioned mats covering the roots). During periods of sub-zero temperatures, these mats should be kept dry to avoid freezing of the roots.</p>	Contractor
20	Protection of landscape, protection of animate nature	Contract execution area	<p>Treatment of damaged trees and shrubs</p> <p>In the event of damage to above-ground parts of trees and shrubs not intended for removal, the necessary care measures shall be carried out immediately and appropriately for the location and type of damage. In case of root damage, the damaged ends shall be cut off and the cut and damaged areas treated with a fungicide. The above-mentioned activities must be carried out in consultation with the nature conservation officer.</p>	Contractor
F - REQUIREMENTS FOR SAFEGUARDING PROTECTED NATURAL RESOURCES				
21	Protection of land surface and landscape,	Contract execution area	Limiting the impact of the Contract on natural resources	Contractor

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	protection of soil and water, protection of animate nature		In order to limit the negative impact of the works on the natural resources occurring in the area of the Contract execution and in its surroundings, the Contractor will be obliged, among others, to: <ul style="list-style-type: none"> a) ensure that the works are organised in such a way as to reduce the period of the Contract as much as possible;; b) ensure that the land is used sparingly and that its surface is transformed as little as possible; c) limit the use and transformation of natural elements of the environment only to the extent necessary for the correct and timely execution of the Contract. 	
22	Protection of land surface and landscape, protection of soil and water, protection of animate nature	Contract execution area	<p>Protection of existing vegetation and topography within the limits of the construction area</p> <p>The Contractor shall make every effort to preserve the existing vegetation (trees, shrubs and herbaceous vegetation) and the existing landforms in those parts of the construction site which are not directly related to the execution of the works (as specified in the applicable project documentation). For this purpose, the movement of construction vehicles and machinery within the boundaries of the construction site should be limited only to the places of currently conducted or planned construction works and other works related to the execution of the Contract, as well as to the designated technological roads, storage yards, construction facilities, etc.</p> <p>Plant protection products (herbicides, pesticides) and any artificial fertilisers will not be used during the construction works.</p> <p>During the construction works, it is not allowed to destroy the vegetation outside the area covered by the investment.</p>	Contractor
23	Protection of animate nature	Contract execution area	<p>Protection of animals</p> <p>Works should be carried out in such a way as not to kill animals.</p> <p>All excavations must be kept clear of animals and any animals that have entered the site must be allowed to leave. It is also necessary to prevent amphibians from entering and breeding in any water-filled hollows which may have arisen in the work areas and within the construction sites.</p> <p>Substances which may be lethal to the animals present must not be used in the course of the work.</p>	Contractor

			<p>The construction site will be illuminated at night only by motion sensors and not by dusk switches or other solutions that illuminate the construction site continuously at night. The construction site can be illuminated continuously after sunset in order to ensure safety. When the work is completed during the working day, it will be switched over to be activated by motion detectors. For illumination, low-mounted lamps with light directed downwards and with low UV emissions should be used.</p> <p>All openings in the doors and walls of the premises, including, in particular, ventilation openings, will be covered with safety netting to prevent bats, birds and smaller mammals from occupying these facilities.</p>	
G - REQUIREMENTS FOR THE LAND DEVELOPMENT (INCLUDING HUMUS LAYERS)				
24	Protection of land surface and landscape, protection of soils	Contract execution area	<p>Management of soils on the construction site</p> <p>The soil on the construction site (including earth masses) should be managed on the construction site in the first place. Any remaining surplus soil should be managed in accordance with the project documentation.</p> <p>The treatment of waste land should be presented in a Waste Management Plan (WMP) prepared by the Contractor and submitted to the PEU for approval before the commencement of works.</p>	Contractor
25	Protection of soil, protection of animate nature	Contract execution area	<p>Collection of humus layer</p> <p>Prior to the commencement of works, the fertile soil layer (humus), approximately 20-30 cm thick, should be removed and placed in heaps, which should then be used for site clearance works.</p> <p>After the soil has been placed in the heaps, it should be protected from the weather and other negative influences. In order to protect the humus layer on the Contract execution area:</p> <ol style="list-style-type: none"> a) before commencement of the construction works in individual parts of the Contract area, a layer of fertile soil (the so-called humus) should be collected, with the thickness compliant with the binding project documentation (this condition applies to all places within the Contract execution area, where degradation of the existing humus layer could 	Contractor

			<p>occur due to the execution of works, traffic and operation of vehicles, machinery and equipment, storage of materials, etc.);</p> <p>b) works related to the removal of the top layer should be preceded by an inventory of nature.</p>	
26	Protection of land surface and landscape, protection of soil, protection of animate nature	Contract execution area	<p>Storage of humus</p> <p>The collected humus should be stored as follows:</p> <p>a) the collected humus should be stored in heaps, located in places where it will be effectively protected against degradation (see also the description in point c);</p> <p>b) the detailed location of humus heaps should be agreed in advance with the nature conservation officer, so that the storage of humus does not cause degradation of natural habitats and protected species sites, and does not adversely affect the condition of trees and shrubs;</p> <p>c) stored heaps of humus should be marked and effectively protected against pollution, driving away, compaction, storage of construction materials, etc.;</p> <p>d) stored heaps of humus must be kept sufficiently moist, so as to enable their re-use (e.g. they must be sprinkled regularly, with a frequency depending on weather conditions).</p>	Contractor
27	Protection of soil, protection of animate nature	Contract execution area	<p>The use of humus</p> <p>The stored humus should be used to restore the fertile layer of soil in the later stages of construction.</p>	Contractor
H - REQUIREMENTS FOR LAND RECLAMATION AFTER COMPLETION OF WORKS				
28	Protection of land surface and landscape, protection of soil, protection of animate nature	Contract execution area	<p>Restoration of the humus layer and green areas as well as tidying up the area after completion of works</p> <p>Upon completion of the construction works, it is necessary to:</p> <p>a) dismantle the construction site facilities as well as technological roads and yards, and transport the road slabs and sand collected from the ballast (if applicable) outside the Contract execution area;</p> <p>b) on the areas occupied in connection with the execution of the Contract (within the area of the Contract) perform appropriate agrotechnical treatments (soil loosening, fertilising,</p>	Contractor

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			<p>etc.), preparing for the restoration of the fertile layer of soil, and then restore the fertile layer of soil (using among others the humus collected from the area of works);</p> <p>c) if necessary, carry out measures to support the restoration of green areas (including sowing and planting trees or shrubs [according to the project documentation], using preferably native plant species compatible with the local habitat conditions). Sowing shall be carried out as soon as possible after the completion of the restoration of the fertile soil layer in order to prevent weed growth on the humus surfaces;</p> <p>d) ensure proper care of the restored green areas;</p> <p>e) remove all remaining waste and tidy up the Contract execution area;</p> <p>f) tidy up and restore the area affected by the works as a result of e.g. movement of machinery, means of transport and areas adjacent to the worksite.</p>	
29	<p>Protection of land surface and landscape, Protection of soils, Protection of animate nature</p>	<p>Contract execution area</p>	<p>Care of grassy areas</p> <p>If gaps are observed in the lawn after it has been cleaned up and seeded, a suitable grass mix should be seeded to complete the lawn.</p>	<p>During the execution of the Contact (in a given Area) - the Contractor</p>
<p>I - REQUIREMENTS FOR THE PREVENTION OF THE EMISSIONS INTO THE SOIL AND WATER ENVIRONMENT</p>				
30	<p>Protection of soil and water, protection of human health and safety, protection of animate nature</p>	<p>Contract execution area</p>	<p>Ensuring the safety of the soil and water environment</p> <p>The Contractor is obliged to ensure such organisation of works, including organisation and equipping of the construction site, so as to prevent the possibility of contamination of the ground and water environment in the area of the Contract execution and in its vicinity, as well as to prevent the possibility of uncontrolled leakage of earth masses and other construction materials into standing water reservoirs.</p>	<p>Contractor</p>
31	<p>Protection of soil and water, protection of</p>	<p>Contract execution area</p>	<p>Application of construction materials</p>	<p>Contractor</p>

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	human health and safety, protection of animate nature		Only construction materials and raw materials which meet the applicable environmental standards, have the legally required approvals and are approved for use as planned by the Contractor and are safe for the environment shall be used during the execution of the Contract.	
32	Protection of soil and water, protection of air	Contract execution area	<p>Technical efficiency and inspections of vehicles, machines and devices</p> <p>Only vehicles, machinery and equipment, the technical condition of which does not threaten the occurrence of uncontrolled emissions of pollutants into the ground and water environment (e.g. leaks of fuels, oils, operating fluids, lubricants, etc.) and air (exceeding the permitted standards of exhaust emissions) shall be used for the execution of the Contract.</p>	Contractor
33	Protection of soil and water	Contract execution area	<p>Conditions for drainage of construction excavations</p> <p>In the area of construction excavations, an appropriate drainage system should be used, ensuring that the excavations are kept without standing water.</p> <p>If suspended solids are found in water pumped from excavations, the water must be treated (e.g. in a suspended solids settling pond/settling tank) before being discharged into the surface water. Disposal of suspended solids shall be carried out in a manner consistent with their qualification, eliminating the possibility of penetration into surface waters or soil, or their storage in places where there may be flooding, etc.</p>	Contractor
34	Protection of soil and water	Contract execution area	<p>Location and equipment of sites for the collection, production and processing of materials likely to cause pollution of the soil and water environment</p> <p>Sites for the collection, production or processing of construction materials (e.g. concrete mixes, prefabricated elements, aggregates, etc.) and other substances which may cause contamination of the ground and/or surface waters must be located and equipped in such a way as to minimise the risk of their negative impact on the state of the environment, and in particular to reduce the risk of emissions to the ground and water environment.</p> <p>Such places should have adequate protection against the possibility of contamination of the ground and water, and should be provided with equipment and materials enabling the immediate removal of any contamination. Location of the above-mentioned places should also meet the conditions referred to in item 11.</p>	Contractor

35	Protection of soil and water	Contract execution area	<p>Designation, marking and equipment of vehicle, machinery and equipment service places, hazardous materials storage places and hazardous waste storage places at the construction site</p> <p>In the construction site, the following should be designated, marked and properly equipped:</p> <ul style="list-style-type: none"> a) places for servicing, refuelling, repairing and washing vehicles, machines and devices; b) places intended for the storage of hazardous materials; c) places intended for the storage of hazardous waste; <p>These places should be equipped with, inter alia, technical and chemical means for removing or neutralising hazardous substances, including petroleum-derived substances.</p> <p>In these areas, the ground surface should be sealed by using, for example, a geomembrane and by covering it with concrete slabs.</p> <p>Rainwater and snowmelt from the above-mentioned sites must not carry pollutants into the ground or surface water.</p> <p>Fuels should be stored in sealed containers on a paved surface.</p> <p>Construction equipment refuelling sites and construction material storage areas should be located outside areas of particularly shallow groundwater occurrence.</p>	Contractor
36	Protection of soil and water	Contract execution area	<p>Conditions for the performance of ongoing maintenance of vehicles, machinery and equipment</p> <p>The Contractor shall carry out ongoing inspections of the condition of vehicles, machinery and equipment and eliminate, by means of available organisational measures, the possibility of any contamination entering the ground and water environment (including, in particular, the occurrence of spillage of fuels, oils, operating fluids, lubricants, etc.), both during operation and during servicing, refuelling, transport and parking of vehicles, machinery and equipment.</p> <p>Maintenance work on vehicles, machinery and equipment involving the risk of contamination of the ground or water must only be carried out in areas away from the banks of bodies of water, adequately protected against the risk of ground and water contamination and equipped with equipment and materials enabling the immediate removal of any contamination. As far as possible, such activities should be carried out primarily in designated, marked and appropriately equipped areas on the construction site as referred to in item 36.</p>	Contractor
37	Protection of soil and water	Contract execution area	<p>Conditions for periodic servicing, repair and cleaning of vehicles, machinery and equipment</p> <p>No repair work, including such things as oil changes to vehicles, will be undertaken on the construction site. Periodic maintenance (e.g. oil and fluid changes, replacement of worn-out parts</p>	Contractor

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			and components, etc.), repairs and washing of vehicles, machinery and equipment must only be carried out in designated, marked and appropriately equipped areas on the construction site as referred to in item 36.	
38	Protection of soil and water	Contract execution area	<p>Ensuring the availability of sorbents in the vicinity of places exposed to the risk of emission of petroleum-derived substances</p> <p>In places exposed to the risk of uncontrolled emission of petroleum-derived substances to the ground and water (including, inter alia, in places where vehicles, machines and equipment are serviced, in bases of equipment units, in car parks, etc.) it is necessary to ensure access to adequate quantities of sorbents for elimination of resulting spills and spouts of petroleum-derived substances.</p>	Contractor
39	Protection of soil and water	Contract execution area	<p>Ensuring access to sanitary facilities</p> <p>The construction site facilities will be equipped with portable toilets for which waste water collection will be provided.</p>	Contractor
40	Protection of soil and water	Contract execution area	<p>Inspection of the condition of the ground at work and parking places for vehicles, machines and devices</p> <p>Work and parking areas for vehicles, machinery and equipment should be regularly inspected (particularly after long periods of work or standing still at a given location) to identify any leakages of substances that could contaminate the ground.</p>	Contractor
41	Protection of soil and water	Contract execution area	<p>Procedure in the case of emission of petroleum pollutants</p> <p>In the event of any incidents related to the emission of petroleum-derived substances to the environment (including the substrate and water):</p> <ol style="list-style-type: none"> a) immediately take measures to prevent the spread of pollutants, using available means (e.g. sorbents); b) the ground contaminated as a result of the accident should be removed immediately, in accordance with the applicable regulations; c) in case of major breakdowns - apply procedures for notification of emergency situations. 	Contractor

42	Protection of soil and water	Contract execution area	<p>Construction works that may pollute the soil and water environment</p> <p>In the case of construction works which may contaminate the soil and water environment, e.g. by carrying away pollutants such as paint fractions or dust, the exposed area must be suitably protected, e.g. with foil and/or sorbent, as required.</p>	Contractor
J - REQUIREMENTS FOR PREVENTING THE EMISSION OF POLLUTANTS INTO THE AIR				
43	Protection of air and acoustic climate	Contract execution area	<p>Reducing air pollution with exhaust fumes</p> <p>In order to reduce the negative impact on the air condition:</p> <ul style="list-style-type: none"> a) the idling time of engines should be minimised and the principle of switching off vehicles, machinery and equipment during stops and work breaks should be observed; b) works should be planned and carried out in a way that minimises the use of construction equipment and means of transport; c) use only technically efficient vehicles, machines and equipment with the required certificates, which do not exceed the permitted standards for emissions of gaseous and particulate substances into the atmosphere; d) space shall be provided for free vehicle manoeuvring, in the form of yards; e) The movement of vehicles, machinery and equipment must be kept to a minimum and the speed of vehicle traffic on the construction site must be limited. 	Contractor
44	Protection of air	Contract execution area	<p>Reducing dust from construction sites and roads</p> <p>During the construction works, dust emissions should be reduced by maintaining a high level of work culture, in particular through:</p> <ul style="list-style-type: none"> a) systematic cleaning of the construction site; b) application of the necessary technical and organisational measures to reduce dust emissions from the construction site, including the storage of construction materials and from under the wheels of vehicles and machines; c) storage of loose materials in places sheltered from the wind and (as far as possible) in their original packaging and, if necessary, covering them with tarpaulins, etc; d) stopping work or carrying out water spraying on roads, yards and other ground surfaces causing dust during dry and windy periods; e) limiting the speed of vehicles on dusty roads (especially in dry periods); 	Contractor

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			<ul style="list-style-type: none"> f) use of airtight tarpaulins on cars transporting materials that may cause dusting during transport; g) storing dusty materials in such a way that they cannot be swept away or blown away; h) cleaning vehicle wheels before leaving the access roads to the Contract execution area; i) removal of the resulting pollutants with the use of mechanical devices; <p>adequate protection of dusty workplaces, e.g. by installing nets on the scaffolding, as well as appropriate protection of the ground.</p>	
45	Protection of air	Contract execution area	<p>Prohibition of bonfires and burning of materials, waste, rubbish, etc.</p> <p>In the area of the Contract execution, it is forbidden to make bonfires and to burn materials, waste, rubbish, etc.</p>	Contractor
K - REQUIREMENTS FOR THE PREVENTION OF NOISE EMISSIONS				
46	Protection of the acoustic climate	Contract execution area	<p>Limitation of work to the time of day</p> <p>In the vicinity of acoustically protected areas and buildings, construction works and transport of construction materials should be carried out only during the daytime, i.e. from 6:00 to 22:00.</p>	Contractor
47	Protection of the acoustic climate	Contract execution area	<p>Noise reduction for vehicles, machines and devices</p> <p>During the period of Contract execution, only technically efficient vehicles, machines and equipment shall be used, with sound emissions (acoustic power) compliant with the applicable regulations and not exceeding the environmental quality standards regarding permissible noise levels.</p> <p>If vehicles, machinery or equipment are found to be faulty and may cause increased noise levels in their surroundings, they must be replaced immediately.</p> <p>Use the least burdensome technologies in terms of acoustics for construction works, maintain good work organisation, proper operation of the equipment and keep it in a proper technical condition.</p>	Contractor
L - REQUIREMENTS FOR THE HANDLING OF PRECIPITATION				

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48	Protection of soil and water	Contract execution area	<p>Preparation of a waste management plan (WMP)</p> <p>Prior to commencement of the works, the Contractor, as waste producer, shall prepare and submit for approval by the PEU a Waste Management Plan, specifying the methods of handling waste expected to be generated during the course of the works and taking into account, inter alia, the conditions for handling waste contained in the EMP.</p>	Contractor
49	Protection of soil, water and air	Contract execution area	<p>General rules of waste management</p> <p>Waste generated during the execution of the Contract shall be segregated and stored selectively in airtight vessels, containers or in dedicated and roofed places adapted for this purpose, on a hardened ground, in conditions preventing dusting and blowing away of light fractions and their negative impact on the environment. Successive collection of waste by entities authorised to further manage it should be ensured.</p> <p>It is prohibited to store waste and to locate construction sites in areas of shallow groundwater in well-permeable formations, as well as sites of plants, animals and fungi subject to legal protection.</p>	Contractor
50	Protection of soil and water	Contract execution area	<p>Principles of dealing with hazardous waste</p> <p>Hazardous waste must be separated and stored separately in designated sealed containers placed in the area that is sealed, paved, marked and protected from access by third parties, until it is handed over to entities authorised to further manage such waste.</p>	Contractor
51	Protection of soil and water	Contract execution area	<p>Principles of dealing with social and domestic sewage</p> <p>Social and domestic wastewater should be collected at the construction site (paved) in sealed, non-returnable containers, the contents of which will be transferred to entities holding the relevant permits for their management.</p>	Contractor
52	Protection of soil and water	Contract execution area	<p>Principles of dealing with waste related to the repair and maintenance of equipment</p> <p>No waste associated with the repair and maintenance of equipment, machinery and devices used for construction works may be stored on the construction site. Any repairs of machines and service should be carried out by specialised companies or persons authorised to do this work by</p>	Contractor

			the manufacturer (authorised service). The waste generated during this type of work (e.g. damaged parts, gaskets, filters, containers with grease and fluids, used oils, fluids, etc.) will be collected by repair or service contractors and will not be stored on the construction site. They should then be managed in accordance with the regulations.	
M - REQUIREMENTS FOR THE PROTECTION OF HUMAN HEALTH AND SAFETY				
53	Protection of human health and safety	Contract execution area	<p>Preparation of documents related to safety in the area of the Contract execution</p> <p>Order shall be maintained in the Contract area and proper organisation of the works shall be ensured. Prior to the commencement of the works, the Contractor shall develop and obtain the approval of the PEU for the following documents related to safety at the construction site (described in the text of the EMP):</p> <ul style="list-style-type: none"> a) Construction site organisation project (included in SHP); b) Waste management plan (WMP - see also item 49); c) Safety and health protection plan (SHP Plan). 	Contractor
54	Protection of human health and safety	Contract execution area	<p>Implementation of guidelines regarding the requirements of occupational safety</p> <p>The Contractor will ensure the implementation of detailed guidelines regarding work safety requirements, including in terms of:</p> <ul style="list-style-type: none"> a) development of the construction site, including hazardous zones; b) storage and transport; c) electrical power installations and devices; d) machines and technical devices; e) work at height; f) earthworks; g) selected renovation and demolition works. <p>contained in applicable legal provisions.</p>	Contractor
55	Protection of human health and safety	Contract execution area	Conditions for safe storage of construction materials	Contractor

			Materials used for construction works shall be stored in a manner that protects them from damage and in a manner that does not endanger the safety of persons and property and that prevents products, equipment, machinery and other equipment from tipping, sliding or falling	
56	Protection of human health and safety	Contract execution area	<p>Ensuring hygienic conditions</p> <p>In the area of Contract execution, the necessary number of portable toilets should be provided and their use by employees ensured.</p>	Contractor
N - REQUIREMENTS FOR EXTRAORDINARY THREATS TO THE ENVIRONMENT				
57	Protection of human health and safety	Contract execution area	<p>Principles of notifying about crisis situations</p> <p>In the event of a crisis situation (other than a flood), accident, major failure, etc., the Contractor is obliged to take the following actions:</p> <ul style="list-style-type: none"> a) immediately notify the relevant services (Fire Brigade, Emergency care Service, Police, etc.); b) until the arrival of the relevant services, perform the necessary activities limiting the risk of losses in personnel, property and the environment (if possible agreed with the relevant services); c) notify the PEU; d) upon arrival of the relevant services, strictly follow their recommendations and instructions. 	Contractor
58	Protection of human health and safety	Contract execution area	<p>Rules for dealing with unexploded ordnance</p> <p>If unexploded ordnance is found, the Contractor shall:</p> <ul style="list-style-type: none"> a) immediately stop work at the construction site; b) ensure the evacuation of employees from the explosion hazard zone; c) will immediately notify the licensed bomb disposal unit and the Police, and will follow their instructions; d) notify the PEU; <p>It is strictly forbidden to lift, excavate, bury, move, throw into fire or water, etc. any unexploded ordnance found.</p>	Contractor

O - REQUIREMENTS FOR THE PROTECTION OF CULTURAL MONUMENTS				
59	Protection of monuments	Contract execution area	<p>Revealed archaeological sites</p> <p>In locations where works will be carried out within revealed archaeological sites, the Contractor shall ensure that all necessary archaeological investigations are carried out by a person qualified to do so prior to commencement of works. These investigations will ensure that valuable artefacts and other elements of the historic substance are adequately safeguarded and removed from the works area and will enable the appropriate works to be carried out.</p>	Contractor
60	Protection of monuments	Contract execution area	<p>Rules of conduct in the event of discovering movable monuments or archaeological sites</p> <p>If, in the course of the works, an object is discovered and it is believed or certain that it may constitute a monument or that it has a historical value, the Contractor is obliged to:</p> <ol style="list-style-type: none"> a) suspend any works that may damage or destroy discovered objects and secure, using available means, this object and the place of its discovery; b) immediately notify the nature conservation officer of the Contractor; c) immediately notify the Voivodship Conservator of Monuments about this fact, and if this is not possible, the territorially competent commune head or mayor. The Contractor shall at the same time inform the PEU in this respect; d) enable and ensure the performance of documentary, archaeological and other necessary actions indicated by the administrative authorities responsible for the preservation of objects and other historical substance; e) in the case of immovable monuments, after the completion of the activities described in point d., the guidelines and other activities determined by the administrative authorities responsible for the preservation of the objects and other historic substance should be implemented. 	Contractor
P - REQUIREMENTS FOR THE IMPLEMENTATION AND REPORTING OF THE EMP				
61	Implementation and reporting of the EMP	Contract execution area	<p>Appointment of the EMP Coordinator in the Contractor's team</p>	Contractor

			<p>A person shall be designated within the Contractor's team to coordinate and supervise the activities related to the implementation of the EMP. The duties of this person will include, among others:</p> <ul style="list-style-type: none"> a) supervision over the implementation of individual EMP conditions in the subsequent stages of the Contract execution; b) ongoing monitoring of the implementation of individual conditions from Appendixes 1 and 2 to the EMP in the area of the Contract execution; c) informing the management of the Contractor's team on an ongoing basis about the obligations arising from the EMP at a given stage of works, as well as about problems in the implementation of the EMP; d) cooperation with the rest of the Contractor's team in ensuring the implementation of the EMP; e) organisation of information campaign (e.g. posters and instructions posted on the building site) concerning the ways in which the virus spreads, the symptoms and signs of infection, and ways of protection (including regular hand washing);preparation of reports and reports for the PEU (including commencement, monthly, quarterly, ad-hoc and final reports); f) cooperation with persons responsible for the implementation of the EMP in the PEU team. <p>The person designated for the above-mentioned function requires the approval of the PEU.</p>	
62	Implementation and reporting of the EMP	Contract execution area	<p>Nature conservation supervision</p> <p>Due to the small area of works related to the Contract and lack of environmentally valuable habitats and species (identification was made for the needs of Environmental Impact Assessment Reports for the modernisation/construction of the radar station), the Contractor, for the time of preparation and implementation of works, will not employ a team of naturalists responsible for permanent nature conservation supervision.</p> <p>The knowledgeable Nature Conservation Coordinator will perform the nature conservation functions. The nature conservation activities will be carried out in accordance with applicable regulations and good practices under the supervision of a representative of the PEU.</p>	Contractor

63	Implementation and reporting of the EMP	Contract execution area	<p>Responsibilities of EMP Coordinator as the nature conservation team</p> <p>The nature conservation officer will be involved in the implementation of mitigation measures related to the protection of natural environment resources, as defined in this EMP. During the investment implementation period, the nature conservation officer should in particular:</p> <ul style="list-style-type: none"> a) check the current condition of habitats and populations of selected species in the investment strip and in the buffer approx. 50 m on both sides of the delineated flood embankment strip, b) monitor and determine the impact of the investment on the condition of the populations of protected species and the habitats they occupy, as well as the condition of other components of the environment; c) verify the methodology of the construction works carried out and their impact on the protected species and natural habitats as well as other components of the environment; d) immediately react in case of observed or highly probable negative impact of the works on the species and habitats to be protected; e) indicate the necessity and methods of performing activities minimising losses in the natural environment; f) control and determine the effectiveness of the minimisation measures taken; g) in the case of situations requiring an additional opinion of a specialist, e.g. a dendrologist, ornithologist, the person conducting environmental supervision (in this case the EMP Coordinator) is responsible for employing an appropriate specialist for the consultation. 	Contractor
64	Implementation and reporting of the EMP	Contract execution area	<p>Training of the Contractor's staff in the field of implementation of the EMP</p> <p>The Contractor shall train its managerial and engineering staff in the field of principles and means of implementing those terms and conditions of the EMP which, according to Appendix 1 and 2 of the EMP, are assigned to the Contractor.</p> <p>These trainings should be completed with a knowledge test of the participants. In the monthly reports submitted to the PEU, the Contractor shall provide information on the status of training of the Contractor's personnel in the field of the terms and conditions of the EMP during the current reporting period.</p>	Contractor
65	Implementation and reporting of the EMP	Contract execution area	<p>Reporting the status of the EMP implementation</p>	Contractor

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			<p>During the period of the Contract execution, the Contractor shall submit to the PEU monthly reports on the implementation of conditions defined in the EIA (in the form of a check-list with necessary Appendixes, including reports on the implementation of nature conservation activities) and shall include a description of the status of the EMP implementation in monthly Progress Reports.</p> <p>The template of the above-mentioned reports (check-list) will be developed by the Contractor and submitted for approval to the PEU.</p> <p>Depending on the circumstances, the PEU may require the Contractor to submit additional reports, concerning, inter alia, occurring crises, accidents, implementation of selected items of the EMP and others.</p>	
66	Implementation and reporting of the EMP	Contract execution area	<p>Discussion of the implementation of the EMP during working meetings and Construction Councils</p> <p>Monthly meetings between representatives of the PEU and the Contractor will be held during the period of Contract execution in order to discuss and control the implementation of mitigation and monitoring measures as defined in the EMP.</p> <p>Notes/minutes will be taken of these meetings and attached to the monthly reports referred to in item 66. Regardless of the above, the current requirements and problems related to the implementation of the EMP will be discussed during all Construction Councils and included in the notes / minutes from the Construction Councils.</p>	Contractor
R - OTHER ES REQUIREMENTS				
67	Protection of human health and safety, other ES issues	Contract execution area	<p>Obligation to comply with the requirements and conditions in the field of ES</p> <p>The Contractor shall apply and comply with all requirements and conditions for the ES policies (relating to environmental, social and occupational health and safety issues) as set out in the Contract Documents, the World Bank's Environmental and Social Operational Policies and Procedures, the World Bank's Environmental, Health and Safety Guidelines (EHS Guidelines), as well as those arising from the legal acts in force in Poland (including Labour Code, Construction Law and others).</p> <p>The requirements and conditions in the field of ES set out in the above-mentioned sources for the Contractor and its personnel (irrespective of the legal form of cooperation) shall also apply, to the</p>	Contractor

			extent appropriate to the current situation, to the Contractor's subcontractors and their personnel and subcontractors.	
68	Protection of human health and safety, other ES issues	Contract execution area	<p>Ensuring safety in the field of accidents at work</p> <p>The Contractor shall be obliged to ensure such conditions for the execution of the Contract (including conditions for the conduct of works) so as to prevent accidents involving any persons connected with the execution of the Contract (including, but not limited to, personnel of the Contractor, PEU, Investor, PCU, subcontractors, suppliers, etc.) and outsiders. In the event of an accident, the Contractor will immediately ensure proper treatment of the injured, notify and enable the access of appropriate services and secure the scene in a manner ensuring the safety of the above-mentioned services and other people who may be in the area of the accident site. Notwithstanding the above, the Contractor shall immediately inform the PEU of all accident and near accident incidents related to the execution of the Contract (whether on the construction site or at any other locations), in accordance with the applicable procedures set out in the Contract Documents.</p>	Contractor
69	Protection of human health and safety, other ES issues	Contract execution area	<p>Appointment of a health and safety specialist in the Contractor's team</p> <p>Throughout the period of the Contract execution, the Contractor shall be obliged to provide occupational health and safety supervision specialist, whose task shall be to ensure compliance with the occupational health and safety principles set out in the Contract documents and in the applicable national legislation. The qualifications of the person responsible for OHS supervision must comply with Polish labour law.</p>	Contractor
70	Other ES issues	Contract execution area	<p>Ensuring the safety of people in the field of sexual harassment and mobbing</p> <p>The Contractor shall ensure that the conditions for the performance of the Contract are such that there is no sexual harassment or bullying towards the Contractor's staff and subcontractors, any other persons connected with the performance of the Contract and any members of the public. Should the above-mentioned cases of sexual harassment or bullying occur, the Contractor shall take action to immediately put an end to the above-mentioned behaviour, and shall then immediately draw all the consequences provided for by law and the company's internal regulations against the perpetrators, and shall provide the victims of such behaviour with all the necessary assistance and support, to the extent appropriate to the situation.</p>	Contractor

			Notwithstanding the above, the Contractor shall promptly inform the PEU of all incidents of sexual harassment or bullying in accordance with the applicable procedures set out in the Contract Documents.	
71	Other ES issues	Contract execution area	<p>Educational activities to prevent cases of sexual harassment and / or mobbing</p> <p>The Contractor shall provide training and implement an awareness programme for the Contractor's staff to address incidents of sexual harassment and bullying. These activities will be carried out during the entire period of construction works, at least once every 2 months. They will take the form of information, education and awareness campaigns on the subject of sexual harassment and mobbing.</p>	Contractor
72	Other ES issues	Contract execution area	<p>Ensuring appropriate working conditions and pay for staff</p> <p>The Contractor shall be obliged to provide the personnel involved in the performance of the Contract with working and pay conditions fully compliant with the labour law regulations in force in Poland (in particular the Labour Code), including but not limited to:</p> <ol style="list-style-type: none"> a) The Contractor shall ensure equal pay for employees performing the same work, without regard to gender, sexual orientation or age; b) persons employed under the Contract will not be persecuted or discriminated against due to their sex, sexual orientation and age; c) The Contractor shall, in accordance with the possibilities and conditions and the Polish Labour Code regulations, satisfy the living and social needs of employees at the workplace; d) The contractor is obliged to facilitate the employees' improvement of professional qualifications. 	Contractor
73	Other ES issues	Contract execution area	<p>Educational activities in the field of filing complaints about working and pay conditions</p> <p>The Contractor shall inform all persons employed in connection with the execution of the Contract of the possibility of making complaints about working and pay conditions and shall deliver an information leaflet with the necessary information on how to make a complaint, in which he shall ensure that there are no repercussions for the person reporting the problem.</p>	Contractor
74	Other ES issues	Contract execution area	<p>Principles of prevention of infectious diseases (including HIV / AIDS and diseases caused by coronaviruses)</p>	Contractor

			The Contractor shall implement an awareness programme for the prevention of sexually transmitted diseases (including HIV/AIDS) and other infectious diseases (including those caused by coronaviruses) and shall take all other measures to reduce the risk of transmission of infectious diseases among the Contractor's personnel and the community. These activities are to be carried out in accordance with the detailed conditions that have been set out in the Contract Tender Documents.	
75	Other ES issues	Contract execution area	<p>Rules to be followed in the event of an epidemic or an epidemic risk</p> <p>In the event of an epidemic or a state of epidemic emergency being in force during the execution of the Contract, the Contractor shall be obliged to:</p> <ul style="list-style-type: none"> a) provide persons on the construction site with the necessary precautions to preserve the health and safety of persons connected with the execution of the Contract, to the extent described in the Conditions of the Contract, in particular to introduce appropriate measures to avoid or minimise the spread of infectious diseases, including measures to avoid or minimise the transmission of infectious diseases; b) designate a person responsible under the Contract for matters related to the principles of occupational health and safety during an epidemic or epidemic threat; c) implement the relevant recommendations of the World Bank and sanitary services in the territory of the Republic of Poland; d) cooperate with the PEU and, in particular, provide current information on the precautions taken or planned (including adequate protection of the construction site against unauthorised access, procedures introduced and documents updated accordingly, in particular the Health and Safety Plan); e) organise an information campaign (e.g. posters and instructions posted on the construction site) concerning the ways in which the virus spreads, the symptoms and signs of infection, and ways of protection (including regular hand washing); 	Contractor
S – LIFE CYCLE REQUIREMENTS				
76	Life cycle, soil and water protection	Contract execution area	<p>Technical performance and vehicle inspections</p> <p>Only vehicles, machinery and equipment whose technical condition does not threaten the occurrence of uncontrolled emissions of pollutants into the ground and water environment (e.g.</p>	Investor

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			leakage of fuels, oils, operating fluids, lubricants, etc.) and air (exceeding the permitted standards of exhaust emissions) should be used for service visits.	
77	Life cycle, soil and water protection	Contract execution area	<p>Ensure availability of sorbents in the vicinity of areas exposed to the risk of oil emissions</p> <p>In places exposed to the risk of uncontrolled emission of petroleum substances to the ground and water (in particular at the power generator), it is necessary to ensure access to adequate quantities of sorbents for elimination of arising leakages and spills of petroleum substances.</p> <p>In addition, the unit should be protected by a sump with a capacity to catch the entire contents of the unit tank in case of failure.</p>	Investor
78	Life cycle, soil and water protection	Contract execution area	<p>Proceedings in case of oil pollutant emissions</p> <p>In the event of any events involving the emission of petroleum substances into the environment (including ground and water), you must:</p> <p>a) immediately take measures to prevent the spread of contamination, using available means (e.g. sorbents);</p> <p>b) soil contaminated as a result of the accident should be removed immediately, in accordance with current legislation;</p> <p>in case of bigger accidents - use the procedures concerning notification of emergency situations.</p>	Investor
79	Life cycle, soil and water protection, human health and safety	Contract execution area	<p>Provision of sanitary facilities</p> <p>At a minimum, radar stations will be equipped with portable toi-toi type sanitation facilities with provision for collection of domestic sewage if a regular sanitation facility is not available at the station.</p>	Investor
80	Life cycle, soil and water protection	Contract execution area	<p>Rules for dealing with domestic sewage</p> <p>Social and domestic sewage should be collected in sealed, non-returnable containers (septic tanks) or in toilets, the contents of which will be transferred to entities holding appropriate permits for their management.</p>	Investor
81	Life cycle, protection of air	Contract execution area	<p>Reducing air pollution from exhaust fumes</p>	Investor

			<p>In order to reduce the negative impact on air condition:</p> <p>a) reduce idling time of engines to a minimum and observe the principle of switching off vehicles when stationary, and machinery and equipment during work breaks;</p> <p>b) use only technically efficient vehicles, machines and equipment with the required certificates, which do not exceed the permissible standards of emission of gaseous and dust substances into the atmospheric air.</p>	
82	Life cycle, protection against noise	Contract execution area	<p>Noise limitation</p> <p>Only technically efficient vehicles, machines and equipment, with sound emissions (acoustic power) compliant with the applicable regulations and not exceeding the environmental quality standards in terms of permissible noise levels should be used.</p> <p>In the vicinity of areas and buildings subject to acoustic protection, servicing works that may generate significant noise, e.g. maintenance works on a power generator, should be conducted only during the daytime, i.e. from 6:00 am to 10:00 pm.</p>	Investor
83	Life cycle, protection of animate nature	Contract execution area	<p>Animal protection</p> <p>The radar station area will be illuminated at night only by motion sensors and not by twilight switches or other continuous lighting solutions at night. Low-mounted lamps with light directed downward and with low UV emissions should be used for lighting.</p>	Investor
84	Life cycle, protection of animate nature	Contract execution area	<p>Care of grassy areas</p> <p>Conditioning of grassy areas during the first growing season consists of:</p> <p>a) sowing seeds.</p> <p>b) mowing:</p> <ul style="list-style-type: none"> • the first mowing should be carried out when the grass reaches a height of about 10 cm and should be mowed to a height of 6 cm, • next mowing should take place at such intervals that the height of the grass does not exceed 15 cm, • the last, pre-winter mowing of lawns should be done 1 month in advance of the expected frost (for the climatic conditions of Poland, the first half of October can be assumed), • after each mowing, the grass cuttings must be removed from all surfaces and the hay collected must be stored off site. 	Investor

APPENDIX 1 - GENERAL MITIGATION ACTION PLAN

GENERAL ENVIRONMENTAL MANAGEMENT PLAN - GUIDELINES FOR THE CONTRACTOR FOR THE CONTACT 4A.3.1 POLRAD WEATHER RADAR MODERNIZATION

			maintaining proper soil moisture. Mowing of grassy areas in subsequent growing seasons should be carried out at a frequency of 2 times per year.	
85	Life cycle, soil and water protection	Contract execution area	<p>General rules of waste handling</p> <p>Waste generated during the radar station operation should be segregated and stored selectively in tight containers.</p> <p>It is necessary to ensure gradual collection of waste by entities authorized for its further management.</p> <p>It is forbidden to store waste in places where groundwater is shallow, in well-permeable formations, and also in places where plants, animals and fungi are subject to legal protection.</p>	Investor