

Attachment 1 - Plan of mitigation actions

In this Attachment to the Environmental Management Plan for the **Contract 1.B.5/1 - Reconstruction of the bridge to ensure minimum clearance - railway bridge in km 733.7 of the Regalica River in Szczecin**, measures mitigating negative impacts on the environment have been presented as a guidance for the Contractor under the Contract 1B.5/1. The costs and the time schedule for the implementation of these activities should be included in the total price of the bid. The Contractor shall cover all costs related to the implementation of the EMP, and the Accepted Contract Amount shall include these costs. The condition related to discussing the implementation of the EMP at working meetings and the Construction Site Meetings (item 120) also applies to the Engineer and the PIU.

The conditions described in the Attachment 1 of the EMP are grouped into the following thematic categories:

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Explanatory notes to the table in the Attachment 1 to the EMP:

- 1) unless otherwise specified in a given case, the **Task Implementation Area** means the area where any preparatory works, main works (including Permanent Works and Temporary Works) and any works related to the removal of defects and faults or the execution of unfinished works listed in the Take-over Certificate or disclosed during the Defects Notification Period, together with the areas of necessary temporary occupation, are carried out.
- 2) unless otherwise specified in a given case, the **Task Implementation Period** means the period of execution of any preparatory works, main works (including Permanent Works and Temporary Works) and any works related to the removal of defects and faults or the execution of unfinished works listed in the Take-over Certificate or found during the Defects Notification Period.
- 3) unless otherwise specified in a given case, the requirements for the Contractor described in the EMP refer to the whole Task Area.
- 4) The plan of mitigation actions will be carried out, where necessary, taking into account the World Bank Policy as expressed in the Operational Manual of the Odra – Vistula Flood Management Project and the Real Estate and Resettlement Plan and in cooperation with the team implementing this Plan and the World Bank Operational Policy OP. 4.12.

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Items	Issue	Place	Mitigation action	Responsible party
A	REQUIREMENTS FOR THE TASK IMPLEMENTATION SCHEDULE			
1	Schedule of Works.	Task implementation area	<p>Terms and conditions of the EMP concerning the dates of works When establishing the schedules of works and at the stage of their execution, the Contractor shall take into account the conditions of the EMP concerning dates and times of various types of works to be carried out, including:</p> <ul style="list-style-type: none"> a) permissible dates for execution of selected works in the Regalica River bed and the bank zone (see items 42, 43) b) permissible hours for execution of works (see item 72) c) permissible dates for removal of trees and shrubs (see items 32 - 33) d) permissible time limit for the removal of fertile earth (humus) (see item 27) 	Contractor
2	Schedule of Works.	Task implementation area together with access roads and their surroundings	<p>Terms and conditions of the EMP concerning activities to be carried out before the commencement or at the initial stage of works. When establishing the schedules of works and at the stage of their execution, the Contractor shall take into account the conditions of the EMP concerning activities to be carried out before the commencement or at the initial stage of works, including:</p> <ul style="list-style-type: none"> a) conditions concerning the construction and equipping of construction site backup facilities as well as technological roads and yards (see items 18 - 21, 68-71, 83, 87-89); b) conditions concerning the transport service for the construction site (see items 3-17, 105-108) c) conditions concerning fencing of the construction site (see item 93); d) condition concerning the removal and protection of the humus layer (see items 26 - 29); e) conditions for cutting of trees and shrubs and protection of trees (see items 32 - 35); f) conditions concerning the execution of the nature inventory and the sapper's site investigation (see items 36, 94); g) conditions concerning the conservation of habitats and sites of protected species and the protection of small animals (see items 48, 52-55) h) conditions concerning preparation of documents (see items 5, 22, 84, 90-92, 95, 100, 101, 104, 118). i) conditions for obtaining Engineer's approval for the person of the EMP implementation coordinator, template of monthly report on the implementation of the conditions set out in the EMP and the composition of the environmental supervision team, archaeologists' experts team 	Contractor

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			and the sapper's supervision team (see items 114, 115, 117, 118, 119); j) conditions for training on EMP implementation rules (see item 113); k) conditions for carrying out other types of training (see items 49, 98, 99, 116, 125, 130)	
B REQUIREMENTS FOR THE TRANSPORT SERVICE OF THE TASK IMPLEMENTATION AREA				
	Protection of health and safety of people	Access roads to the Task implementation area together with their surroundings	Conditions for using access roads to the Task implementation area The following conditions apply to the use of access roads to the Task implementation area:	Contractor
3	Protection of acoustic climate. Protection of material goods.		a) The access to the Task implementation area should be determined on the basis of existing roads in the area of the least nuisance to people.	
4	Protection of land surface.		b) Routes of road transport by vehicles to the places where the works are carried out should be designed in the area of the least nuisance to people, including the use of existing dirt roads, located in the area of the Podjuchy housing estate, as far as possible, and the planned technological road connecting the bridgehead zone No. 2 with the Floriana Krygiera Street (national road DK 31).	
5			c) The Contractor shall prepare a design of traffic organisation and works protection for the duration of the Task implementation in accordance with the provisions contained in the Technical Specifications and requirements of road authorities concerning transport routes and conditions of their use.	
6			d) The Contractor shall agree with the road authorities on the design of traffic organisation and works protection. The Contractor shall organise the traffic according to the agreed design (marking and securing of works and marking of diverted traffic and recommended road signs associated with the change of traffic organisation, etc.).	
7			e) Prior to the commencement of works, the Contractor shall submit to the Engineer for approval, as agreed with the road authorities and the traffic management authority, a traffic organisation and works protection design. Depending on the needs and progress of the works, the traffic organisation and works protection design shall be kept updated by the Contractor.	
8			f) The Contractor shall ensure that all access roads to the Task implementation area are properly marked, in accordance with the applicable law and agreements with the relevant road authorities. These markings shall be regularly inspected by the Contractor; in the event of damage or theft of the markings, the Contractor shall immediately reconstruct or supplement them.	
9			g) The Contractor shall maintain the hardened areas in good technical condition within the Task implementation area, within which the traffic of vehicles will take place.	
10			h) The Contractor shall be liable for any damage to structures and buildings, roads, drainage ditches, culverts, water and gas pipelines, power posts and lines, cables, geodetic network points and installations of any kind, and other objects such as vertical and horizontal signs, navigation signs, information boards, cultural goods objects, etc., caused by it or its Subcontractors during the Task implementation period.	

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			The Contractor shall immediately repair at its own expense any damage caused and, if necessary, carry out any other works ordered by the Engineer.	
11			i) The Contractor shall comply with the official axle load limits when transporting materials and equipment to and from the Task implementation area.	
12			j) The Contractor shall obtain all necessary permits from the authorities for the carriage of non-standard cargo and shall notify the Engineer of any such carriage on a continuous basis.	
13			k) The Contractor shall be obliged to prepare - prior to the commencement of works - a photographic documentation of the entire Task implementation area and access roads, with particular emphasis on the technical condition of roads and buildings located in the vicinity of transport roads for construction materials.	
14			l) Prior to the commencement of works, the Contractor shall carry out local inspections in the presence of road authorities, as the result of which reports on the condition of access roads to the Task implementation area will be drawn up. On this basis, the Contractor shall be obliged to restore the technical condition of roads from before the Task implementation period.	
	Protection of health and safety of people Protection of material goods.	Waterways in the Task implementation area and outside the Task implementation area	Conditions related to the use of waterways The following conditions apply to the use of waterways to the Task implementation area:	Contractor
15			a) The Contractor shall be liable for any damage to structures, navigational signs of waterways and other engineering structures and technical infrastructure caused by the Contractor or its Subcontractors during the execution of works, including transport of materials, equipment or waste. The Contractor shall immediately repair at its own expense any damage caused and, if necessary, carry out any other works ordered by the Engineer;	
16			b) The Contractor shall be obliged to prepare - prior to the commencement of works - a photographic documentation of the entire Task implementation area, with particular emphasis on the technical condition of the infrastructure indicated in item a);	
17			c) The Contractor shall be responsible for compliance with the navigational regulations on inland waterways and sea waters, with respect to its own vessels as well as those of its Subcontractors.	
C	REQUIREMENTS FOR THE LOCATION OF CONSTRUCTION SITE BACKUP FACILITIES AND ROADS, MATERIAL STORAGE AND PARKING AREAS			
18	Protection of water and soil. Protection of wildlife. Protection of land surface.	Task implementation area	Obligation for the execution of construction site backup facilities and roads, material storage and parking areas Prior to the commencement of construction works, the Contractor shall carry out the construction backup facilities, roads and material storage areas, as well as parking spaces. Construction site backup facilities, waste and material collection sites should be organised and operated to ensure economical use of the site and minimal transformation of its area, and once the works are completed, the site should be restored to its original state.	Contractor
	Protection of acoustic climate. Protection of health of people.	Task implementation area	Requirements for the selection of the location of construction site backup facilities and roads, material storage and parking areas	Contractor
19			a) Construction site backup facilities will be located at the greatest possible distance from residential buildings.	

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20	Protection of water. Protection of land surface.		b) Construction site backup facilities and material storage sites should be located outside the area of protected natural habitats and sites of protected plant species.	Contractor
21	Protection of wildlife.		c) The Contractor will use the places behind the bridge bridgeheads as temporary storage and warehousing yards.	Contractor
D	REQUIREMENTS FOR THE MANAGEMENT OF EARTH MASSES			
22	Protection of water and soils.	Task implementation area	<p>Management of soil coming from the construction site</p> <p>Soil located on the construction site should be first used on the construction site. The remaining excess soil should be managed in accordance with applicable regulations and design documentation.</p> <p>Earth masses, in which exceedances of the permitted concentrations of substances are demonstrated (in accordance with applicable waste management and environmental protection legislation) shall be considered as waste and transferred to entities holding appropriate permits for their further management.</p> <p>The method of managing soil constituting waste shall be presented in the Waste Management Plan, prepared by the Contractor and submitted to the Engineer's approval prior to the commencement of works (in accordance with item 84). The contractor in the WMP will also determine the method of handling sediments removed during the construction of the bridge supports. The method of managing the sediments should be determined in accordance with separate regulations on waste management. The Contractor will carry out quality tests of the sediments according to the proposed method of the sediment management (in accordance with legal requirements and the requirements of the sediment recipient).</p>	Contractor
23	Protection of water and soils.	Task implementation area	<p>Quality control of excavated earth masses</p> <p>If, as the result of ongoing assessment and verification of the quality of excavated earth masses (see monitoring activity item 133 in the Attachment 2 to EMP) changes in the parameters and appearance of the soil (e.g. colour, smell, consistency) are found:</p> <p>The Contractor shall carry out control tests and determine the quality of earth masses in accordance with applicable regulations (in accordance with the Act of 14 December 2012 on Waste and relevant executive acts to the Act). The tests will be carried out by a laboratory accredited for this type of examination.</p> <p>The purpose of the tests is:</p> <ul style="list-style-type: none"> determination of the possibility to use earth masses within the construction site area (if the lack of contamination with hazardous substances is confirmed); determination of acceptable ways of dealing with contaminated earth masses. 	Contractor
24	Protection of water and soils. Protection of wildlife.	Task implementation area	<p>Storage of earth masses</p> <p>When storing earth masses, care should be taken to ensure that the connections of spring floodplains, where larvae and fry of many fish species may be present, are not accidentally buried. This restriction is especially true of the left bank of the river. (See also item 50 concerning the movement of excavated material).</p>	Contractor

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25	Protection of water and soils.	Task implementation area	Requirements for soils and aggregates from outside the construction site Earth (including earth masses) and aggregates used for construction works and coming from outside the construction site should comply with soil and earth quality standards (in accordance with the Environmental Protection Law and its implementing legislation) as well as any other applicable laws and standards (including conditions from item 63 of the Attachment 1 to the EMP).	Contractor
E REQUIREMENTS FOR MANAGEMENT OF THE HUMUS LAYER				
26	Protection of soils. Protection of animated nature	Task implementation area	Collection, storage and use of the humus layer	Contractor
27			a) Before commencing construction works in particular parts of the Task implementation area, a layer of fertile soil (so called humus) with the thickness of not less than 0.2 m should be removed;	
28			b) The works related the removal of humus shall be carried out between the beginning of September and the end of February. If it is necessary to carry out these works at a different time, the Engineer's approval must be obtained;	
29			c) The stored humus heaps should be sprayed systematically, with the frequency depending on the weather conditions (do not allow the prisms to dry out for more than 5 days);	
30			d) The stored humus heaps should be protected against contamination, running over, compaction, storage of building materials, etc;	
31			e) After completion of construction works, the stored humus must be used for the construction of green areas (also a condition in item 58). Activities related to the restoration of the humus layer and the restoration of green areas shall be started as soon as possible in order to allow their implementation	
			f) Works related to the construction of green areas shall be carried out under the supervision of a botanist/phytosociologist expert from the Contractor's environmental team as referred to in item 115.	
F REQUIREMENTS FOR REMOVAL OF TREES AND SHRUBS				
32	Protection of wildlife.	Task implementation area	Permissible dates for removal of trees and shrubs In order to protect the birds, the planned tree removal should be carried out outside the bird breeding season, i.e. between 15 October and 1 March. The scope of the cutting shall be kept to a minimum.	Contractor
33	Protection of wildlife.	Task implementation area	Condition for removal of trees and shrubs outside the permitted period If trees and shrubs need to be removed during the bird breeding period, immediately before cutting, their presence in the area of bird habitats must be inspected by the environmental supervision bird fauna specialist indicated in the item 115; if the above mentioned habitats are found, according to the inventoried habitats, appropriate permits must be obtained to derogate from the prohibitions in force for particular protected fauna species (according to the rules defined in accordance with the applicable regulations) - see also items 38 – 41.	Contractor

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G PROTECTION REQUIREMENTS FOR TREES AND SHRUBS NOT INTENDED FOR REMOVAL				
34	Protection of wildlife.	Task implementation area and areas directly adjacent to the Task implementation area	<p>Execution of works in the area of trees not intended for removal</p> <p>Trees not intended for removal, growing in the Works implementation area and exposed to damage due to the work and movement of equipment shall be protected against mechanical damage by:</p> <ol style="list-style-type: none"> protecting tree trunks growing in the immediate vicinity of executed earthworks, e.g. by placing wooden planks around the whole trunks up to the height of not less than 1.5 m, manual execution of earthworks within the root system, if possible, exposed roots of trees and shrubs, in order to protect them from excessive drying (summer) or freezing (winter) should be covered with mats made of straw, baggy fabrics or peat, construction materials and soil from excavations must not be stored under tree branches as this prevents gas exchange between air and soil, which can result in dying out and rotting of roots. 	Contractor
35	Protection of wildlife.	Task implementation area	<p>Protection of damaged trees and shrubs</p> <p>In case of damage to the aboveground parts of trees and shrubs not intended for removal, the necessary care actions should be carried out immediately, appropriate to the place and type of damage. In case of root damage, cut off the damaged tips and protect the roots with a fungicide. The above mentioned activities should be carried out in consultation with the environmental supervision team (referred to in item 115), and after their execution the opinion of the above mentioned team should be presented to the Engineer for approval regarding the assessment of the correctness of the executed activities.</p>	Contractor
H REQUIREMENTS FOR THE CONSERVATION OF PROTECTED NATURAL RESOURCES				
36	Protection of wildlife.	Task implementation area	<p>One-off environmental inventory of the Task implementation area before the commencement of works</p> <p>Prior to the commencement of preparation works, the environmental supervision team, referred to in item 115, shall carry out a one-off nature inventory of the Task implementation area. The purpose of the implementation of the measures will be, inter alia:</p> <ul style="list-style-type: none"> verification of places of the acceptable location of the construction site backup facilities and storage places for materials, earth masses and waste (see the condition in items 20,21, 24); verification of the location of the patches of habitats and plant sites in order to implement the measure indicated items 52 – 55. <p>If habitats and species of fauna and flora subject to protection are found, for which it will be necessary to violate the prohibitions specified in the applicable regulations – taking into account the species decision included in the Attachment 4b - decisions shall be obtained allowing for derogations from the principles of the plant, fungi and animal species protection, referred to in items 38 - 41.</p>	Contractor
37	Protection of wildlife.	Task implementation area	<p>Ongoing inspections of the environmental supervision team during the Task implementation period</p> <p>Works and other works carried out during the Task implementation period shall be carried out under the current supervision of the environmental supervision team (referred to in item 115).</p>	Contractor

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			These experts should, in accordance with the speciality and type of executed works, <i>inter alia</i> , carry out regular inspections of the entire Task area (at least once a month) and currently submit their comments and recommendations to the Contractor's personnel responsible for carrying out the works in accordance with the conditions of the EMP. Written notes of the inspections carried out, attached to the monthly reports on the implementation of the conditions of the EMP (referred to in item 121) shall be prepared.	
	Protection of wildlife.	Task implementation area	Obtaining a decision allowing for derogations from the rules on the plant, fungi and animal species protection If before the commencement - as a part of one-off nature inventory indicated in item 36 - or during the construction works (see also item 37) the presence of habitats or sites of protected species of flora and fauna is found in the area of the Task implementation, then the following conditions shall apply (indicated in items 38 – 41):	Contractor
38			a) The Contractor shall obtain and submit for the Engineer's approval a written opinion of the environmental supervision team (referred to in item 115) containing (taking into account the scope of the species decision included in the Attachment 4b) determination of the necessity to obtain the decision referred to in item b), and then, if it proves necessary in the light of the above mentioned opinion, carry out the actions referred to in items b-d (below);	
39			b) before taking any actions that could lead to the destruction of habitats and sites or scaring-off the protected species (in accordance with the opinion referred to in item a), the Contractor shall obtain administrative decisions required by law allowing for derogations from the prohibitions in force in relation to the protected plant, fungi and animal species;	
40			c) the obtained decisions shall be submitted by the Contractor to the Engineer for information;	
41			d) The Contractor shall precisely and timely implement the conditions contained in the above mentioned decisions (see also item 122).	
42	Protection of wildlife.	Task implementation area	Protection of anadromous fish species - permissible working dates Works in the riverbed including driving of sheet piling and piling should be carried out outside the period of migration of anadromous species and their spawning, i.e. outside the period from the beginning of March to the end of July and outside the period from the beginning of October to the end of December.	Contractor
43	Protection of wildlife.	Task implementation area	Protection of species of phytophilous fish - dates for carrying out works in the bank zone Works in the Regalica river bank zone involving the preparation of a construction site on the left bank of the river in the area of the planned bridgehead shall to be carried out outside the spawning period of phytophilous fish, living in growing submerged and floating aquatic plants, i.e. outside the period from the beginning of May to end of July.	Contractor
44	Protection of wildlife. Protection of water.	Task implementation area	Limiting the suspended solids and pollution inflow into water The existing supports will be dismantled and the new bridge will be constructed by the Contractor in the shielding of steel sheet piling, so that elements from the construction will not get into the river and will not pollute it.	Contractor

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45	Protection of wildlife. Protection of water.	Task implementation area	Limiting the suspended solids and pollution inflow into water The repair of supports in the historic span of the bridge subject to the monument conservation protection will be carried out by the Contractor in the shielding of sheet piling.	Contractor
46	Protection of wildlife.	Task implementation area	Protection of fish fauna during execution of works in the Regalica River bed and bank zone The Contractor shall be obliged to carry out electro-fishing in the area of the planned works related to driving of sheet piling and in the bank zone in the area of the planned bridgeheads and to catch fish in case of their occurrence inside the sheet piling enclosure. The fish caught shall be released into the Regalica River. The above mentioned activities should be carried out in consultation with the environmental supervision team (referred to in item 115), and after their execution the opinion of the above team should be presented to the Engineer for approval regarding the assessment of the correctness of the executed activities.	Contractor
47	Protection of wildlife.	Task implementation area	Limiting the effects of the destruction of potential habitats of fish fauna The Contractor will take measures to create potential habitat for lithophilous fish species, e.g. by dumping gravel mixed with stones, in the places of demolished supports and around the bottom occupied by the new supports. The above mentioned activities should be carried out in consultation with the environmental supervision team (referred to in item 115), and after their execution the opinion of the above team should be presented to the Engineer for approval regarding the assessment of the correctness of the executed activities.	Contractor
48	Protection of wildlife.	Task implementation area	The work must be carried out in such a way as to avoid killing animals The area of the Task implementation, and in particular the places where the works are currently being carried out, the construction backup facilities, the places where materials are stored, etc. should be protected against the entry of small animals (amphibians, reptiles, small mammals), by fencing these areas with a net, with mesh of not more than 0.5 x 0.5 cm and the height of not less than 0.5 m or any other material capable of achieving the same purpose. This net should be buried in the ground to the depth of not less than 15 cm. Determination of a detailed location of fencing preventing small animals from entering the Task implementation area and the installation of the above mentioned fencing should be carried out under the supervision of herpetologist and mammalian fauna experts (referred to in item 115). Throughout the whole period of implementation of the Task, the condition of the fences should be systematically checked and any breaks should be removed immediately, including: a) in the period from 1 March to 31 August, these checks shall be carried out at least once every three days; b) from 1 September to the end of February, at least once every 10 days.	Contractor
49	Protection of wildlife.	Task implementation area	Checks of places likely to form traps for small animals Every morning, prior to the commencement of works, excavations and other places that could form traps for animals: amphibians, reptiles, small mammals shall be checked.	Contractor

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			<p>In the periods from 1 March to 15 May and 15 September to 15 October, a second check shall also be carried out each day in the pre-evening time.</p> <p>Animals trapped there must be caught and released outside the Task implementation area to a location appropriate to the particular species (habitat-compatible site).</p> <p>The last check on the presence of animals in the excavations shall be carried out immediately before backfilling the trenches.</p> <p>Employees of the Contractor, appropriately trained, in accordance with item 116 will carry out inspections in accordance with the guidelines of herpetologist and mammalian fauna specialist (referred to in item 115), who will coordinate and indicate the places of release of caught animals.</p> <p>All wells and other anthropogenic objects, which may form a trap for amphibians and small mammals, should be secured according to the remarks and under the direction of the above mentioned herpetologist and mammalian fauna experts.</p>	
50	Protection of wildlife.	Task implementation area	<p>Prohibition of moving earth masses by pushing the material in the bed</p> <p>The Contractor shall be absolutely forbidden to move earth masses by pushing the material through the riverbed.</p>	Contractor
51	Protection of wildlife Ożywionej.	Task implementation area	<p>Environmental supervision during the demolition of the air-raid shelter located next to the bridgehead on the eastern bank of the Regalica River</p> <p>Demolition work should be preceded by a site investigation of the bat fauna specialist and bird fauna specialist and carried out under the environmental supervision referred to in item 115. If the presence of protected bat and bird species is detected, the above mentioned experts will determine ways to reduce the mortality of the found protected animal species. Where individuals of protected species are found to be present, an administrative decision, as required by law, allowing derogations from the prohibitions applicable to protected animal species (if required in a given case) must be obtained - see item 38 – 41.</p>	Contractor
52	Protection of wildlife. Protection of landscape values	Task implementation area	<p>Protection of natural habitats</p> <p>After carrying out the cutting along the existing railway embankment, the Contractor will make temporary fences made of forest type net separating patches of the natural habitat 9190 acidophilus oak forests on the plot No. 8, precinct 1114 Szczecin, and a patch of the alder riparian forest 91E0* on plots No. 8 and No. 414 precinct 1114 Szczecin in order to protect them against damage during construction.</p> <p>The action will be carried out under the supervision of the relevant expert of the environmental supervision team referred to in item 115.</p> <p>The method of protection shall be agreed upon by the Engineer. The Contractor shall monitor the condition of the protections and carry out necessary repairs.</p>	Contractor
	Protection of wildlife. Protection of landscape values	Task implementation area	<p>Protection of protected plant sites</p> <p>The Contractor will construct a temporary fence to separate the sites of protected plant species, such as:</p>	Contractor

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53			a. dwarf everlast <i>Helichrysum arenarium</i> (a dirt road forming an extension of Chocimska Street and the plot No. 23/4, precinct 4142 Szczecin, under a 110 kV power line), springy turf-moss <i>Rhytidiadelphus squarrosus</i> (plot No. 23/4 precinct 4142 Szczecin), red-stemmed feathermoss <i>Pleurozium schreberi</i> (plot No. 23/4 precinct 4142 Szczecin) and pointed spear-moss <i>Calliergonella cuspidata</i> (edge of alder carr, in the section from Floriana Krygiera Street to the bridgehead)	
54			b. water caltrop (<i>Trapa natans</i>) on the plot No. 14 precinct 1114. In connection with the identified sites of the above species on the western bank of the Regalica River, the construction site should be fenced off (above the existing bridge and below the designed bridge) up to the bank line, which will protect the banks of the Regalica River from uncontrolled penetration outside the construction site;	
55			c. broad-leaved helleborine (<i>Epipactis helleborine</i>) and neat feather-moss (<i>Pseudoscleropodium purum</i>) growing on the plot No. 8, precinct 1114 on the left side of the railway embankment in case the use of the construction site fence on the left side of the railway embankment is not sufficient to protect the areas around the construction site from damage. The actions in item 51 - 54 will be carried out under the supervision of the relevant expert of the environmental supervision team referred to in item 115. The method of protection shall be agreed upon by the Engineer. The Contractor shall monitor the condition of the protections and carry out necessary repairs.	
56	Protection of wildlife. Protection of landscape values	Task implementation area	Relocation of 2 anthills of the red wood ants (<i>Formica rufa</i>) The Contractor, prior to the commencement of works in the area of inventoried anthills (on the plot No. 31 precinct Dąbie 170 and on the plot No. 8 precinct Śródmieście 114) of the red wood ants (<i>Formica stern</i>) will relocate the anthills. The action will be carried out under the supervision of the environmental supervision team referred to in item 115, in accordance with the guidelines contained in the species decision set out in the Attachment 4b. The approximate location of the inventoried anthills is shown on the map in the Attachment 7.	Contractor
I	REQUIREMENTS FOR THE RESTORATION OF NATURAL RESOURCES AFTER COMPLETION OF CONSTRUCTION			
	Protection of wildlife. Protection of soils. Protection of landscape values	Task implementation area	Cleaning up the site after completion of works, restoring the humus layer and carrying out land reclamation. After the completion of works one shall: a) dismantle the construction site backup facilities as well as technological roads and yards, and transport the demolition materials outside the Task implementation area to the previously indicated destination (approved by the Engineer); b) within the boundaries of the Task implementation area, reconstruct the fertile soil layer (inter alia, using the humus collected from the work area in accordance with the conditions in items 26 - 31); c) carry out measures to support the restoration of green areas (including grass sowing);	Contractor
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60			d) ensure proper care of the restored green areas (until the end of the Defects Notification Period).	
61	Protection of wildlife. Protection of soils.	Task implementation area	The actions described in items 58 - 60 shall be carried out by the Contractor under the supervision of a botanist-phytosociologist expert (referred to in item 115)), including inter alia: - agreeing on precise dates for works; - agreeing on a detailed location of humus utilisation sites; - agreeing on the species composition of grass mixtures; - agreeing on the rules of maintenance of the designed green areas; - submission of the results of the above mentioned arrangements for the Engineer's approval; - supervision of the execution of treatments supporting the restoration of green areas and supervision of the maintenance of these areas (until the end of the Defects Notification Period).	Contractor
62	Protection of wildlife.	Task implementation area	Restoration of bird breeding sites The Contractor will hang nesting boxes for birds of "A", "B" and "D" types in the amount of at least 16 pieces, in the section running through the forest areas from the left bridgehead to the Florian Krygier Street and on trees in the vicinity of the planned investment in the area of the Żydowce housing estate, with parameters adapted to the existing species and with a suitable distance between the buildings in order to minimise the impact of the investment on protected bird species as the result of works related to the removal of trees and shrubs. The action will be carried out in accordance with the instructions of a bird fauna specialist from the environmental supervision team of the Contractor, taking into account the conditions of the species decision included in the Attachment 4b, i.e. the obligation to install a minimum of 13 nesting boxes of "B" type. Prior to the execution of the condition, the Contractor will submit for the approval of the Engineer the assessment of the above mentioned bird fauna specialist describing the way of execution of the activity, specifying the required number, type and location of nesting boxes, which will constitute an element of the reports submitted to the Regional Director for Environmental Protection in Szczecin (in accordance with the decisions included in the Attachments 4a and 4b).	Contractor
J	REQUIREMENTS FOR THE PREVENTION OF ENVIRONMENTAL POLLUTION (INCLUDING THE LIMITATION OF EMISSIONS INTO THE ENVIRONMENT)			
63	Protection of water and soils. Protection of wildlife.	Task implementation area	Use of construction materials complying with the regulations and standards and environmentally friendly Only construction materials that are not harmful to the environment (natural, environmentally friendly or neutral) shall be used for the implementation of the Task. The materials, raw materials, fuels, fertilizers, cement and concrete mixes used should have relevant approvals and be approved for use.	Contractor
64	Protection of water.	Task implementation area	Protection of water against pollution during execution of works on the bridge	Contractor

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			The contractor will install special protective sheets, protective nets, etc. under the load-bearing structure of the demolished bridge in order to catch the waste generated during the demolition of the bridge.	
65	Protection of water and soils. Protection of air and acoustic climate.	Task implementation area	<p>Technical functionality and maintenance of vehicles, machinery and equipment</p> <p>The following conditions shall apply to the technical performance and maintenance of vehicles, machines and equipment:</p> <ul style="list-style-type: none"> • construction and transport equipment used in connection with the Task implementation should be in good technical condition, • The Contractor shall continuously carry out current inspections of the condition of vehicles, machinery and equipment and eliminate the possibility of any pollution entering the soil and water environment, including in particular the occurrence of spillage of fuels, hydraulic oils and petroleum-derivative substances, both during servicing, transport and operation of vehicles, machinery and equipment with available organisational means. 	Contractor
66	Protection of water and soils.	Task implementation area	<p>Preventing the emission of petroleum-derivative pollutants</p> <p>All earthworks and works within the water area shall be carried out with particular caution, in a manner ensuring protection of the soil, surface water and groundwater against pollution, in particular by petroleum-derivative substances.</p>	Contractor
67	Protection of water and soils.	Task implementation area	<p>Procedure in case of emissions of petroleum-derivative pollutants</p> <p>In the event of an emergency leakage of petroleum-derivative substances or other operational materials into the soil or water, it is necessary to proceed with the immediate neutralisation of the leakage, its collection and transfer to entities authorised to manage waste for disposal in accordance with the established spillage procedure indicated in item 104.</p> <p>In the case of causing the soil contamination, the Contractor is obliged to carry out its land reclamation, including (if required) confirmation of the effectiveness of the actions by soil quality tests.</p> <p>In the case of major accidents, use the procedures described in item 102.</p>	Contractor
68	Protection of water and soils.	Task implementation area	<p>Rules for parking construction and transport equipment</p> <p>The construction and transport equipment used in connection with the Task implementation shall be brought to a parking place after completion of works or in case of the equipment failure - to a parking place ensuring protection of the ground surface against penetration of pollutants into the ground and water environment.</p>	Contractor
69	Protection of water and soils.	Task implementation area	<p>Leakage neutralisation means</p> <p>On the construction site, the Contractor will provide means to neutralise possible leakages and waste (e.g. hydrophobic sorbents, biopreparations, hydrophobic sorption mats in sheets or rolls, sorption pads and sleeves).</p> <p>Adequate quantities of these agents (e.g. sorbents), suitable for use on solid surfaces and water surfaces, must be provided.</p>	Contractor
70	Protection of water and soils.	Task implementation area	<p>Having oil booms on water</p> <p>In the area of the Task implementation, an appropriate number of oil booms on water shall be ensured, necessary for use in the event of uncontrolled leakage of petroleum-derivative substances.</p>	Contractor

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71	Protection of water and soils.	Task implementation area	<p>Environmentally safe storage of materials and raw materials</p> <p>The materials and substances to be used during the implementation stage should be stored in locations separated for this purpose, in an environmentally safe manner, in particular, the Contractor shall ensure that the following conditions are met:</p> <ul style="list-style-type: none"> • store materials and raw materials as far away from the water area as possible, • store materials and raw materials in appropriate containers, • use appropriate and adequate protection of bulk materials to be used during the construction stage against blowing off and excessive dusting, • in justified cases, roof the surfaces where construction materials will be stored, for which there is a risk of leaching of substances and their possible infiltration into the ground. 	Contractor
72	Protection of acoustic climate.	Task implementation area	<p>Restricting works to daytime</p> <p>All works that generate high noise levels will be carried out (as far as possible) during the daytime, i.e. from 6:00 to 22:00 hours.</p> <p>It is possible to carry out works at night if such necessity is required by technological reasons. Carrying out works at night shall be subject to the approval by the Engineer.</p>	Contractor
73	Protection of acoustic climate.	Task implementation area	<p>Informing local residents</p> <p>Prior to the commencement of construction works, the Contractor shall inform the residents in the vicinity of the Task implementation area about the planned works by announcing them in the local press and organising an information meeting.</p>	Contractor
74	Protection of acoustic climate.	Task implementation area	<p>Protection of local residents against noise</p> <p>The Contractor will apply technical solutions ensuring proper acoustic conditions in the vicinity of the existing buildings, and if necessary (including at the Engineer's request) will use portable acoustic screens.</p>	Contractor
75	Protection of acoustic climate. Protection of air.	Task implementation area	<p>Reducing noise and exhaust gases emissions from vehicles, machinery and equipment</p> <p>During the Task implementation period, use equipment and machines meeting the environmental requirements and standards, including appropriately silenced equipment, technically efficient, with low emission of pollutants into the air and apply the least acoustically burdensome technologies of carrying out works.</p>	Contractor
	Protection of air. Protection of acoustic climate.	Task implementation area	<p>Reduction of exhaust air pollution and reduction of noise emission</p> <p>In order to reduce the negative impact on the air condition and acoustic climate:</p>	Contractor
76			a) vehicles should be parked with the engine stopped;	
77			b) Noise-emitting equipment, machines and tools that are not in use at any given time should be switched-off.	
78			c) avoid overlapping and accumulation of impacts of the same nature, e.g. simultaneous operation of generators, excavators and transport vehicles;	
79			d) the operating time of engines at top speed must be limited;	
80			e) the speed of motor vehicles in the construction area should be limited.	

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81	Protection of air.	Task implementation area	<p>Reducing dusting from construction site and roads</p> <p>During the implementation of the Task, the effects of secondary dusting shall be reduced, in particular by:</p> <ul style="list-style-type: none"> • systematic cleaning of the construction site and the construction site backup facilities; • spraying dusty road surfaces; • use of tight tarpaulins on vehicles transporting materials that may cause dusting during transport; • cleaning vehicle wheels before leaving for access roads to the Task implementation area. 	Contractor
82	Protection of air.	Task implementation area together with access roads.	<p>Maintaining cleanliness on the roads</p> <p>In order to maintain cleanliness on the roads, the following measures shall be taken:</p> <ol style="list-style-type: none"> a) The Contractor shall use all available technical means and organisation of works in order to minimise making dirty the access roads to the Task implementation area. b) in places where heavy equipment leaves the construction site, the Contractor shall install stands where preliminary removal of soil or mud from vehicle wheels will take place. c) The Contractor shall be obliged to immediately and systematically remove all pollutants generated on the roads as the result of the traffic of vehicles, machines and equipment related to the Task implementation. 	Contractor
83	Protection of water and soils.	Task implementation area	<p>Protection of ground and water environment within the area designed for material and equipment base</p> <p>The Contractor shall protect the area designated for the material and equipment base against possible penetration of hazardous substances into the ground and water environment, including: the ground in places where vehicles and construction machines are parked, vehicles working on the construction site, parking spaces for employees, places where vehicles are refuelled, places where hazardous materials are stored (e.g. fuels, solvents, paints) by lining it with e.g. a geomembrane and using bands to collect rainwater and then discharge the rainwater to the ground after previous pre-treatment in settling tanks.</p> <p>The applied technology of sealing and management of precipitation water shall be subject to approval as a part of the construction site organisation project approval.</p>	Contractor
K	REQUIREMENTS FOR WASTE AND WASTE WATER MANAGEMENT			
84	Protection of water and soils.	Task implementation area	<p>Preparation of Waste Management Plan (WMP)</p> <p>Prior to the commencement of works, the Contractor will draw up a Waste Management Plan, including management of waste from bridge demolition and reconstruction of railway infrastructure, and obtain its approval by the Engineer (see Section 6.13 of the EMP text).</p>	Contractor
85	Protection of water and soils. Protection of air.	Task implementation area	<p>Waste management rules</p> <p>During the Task implementation, including demolition works, one shall:</p> <ul style="list-style-type: none"> • organise the work in such a way as to minimise the amount of waste generated; • the waste shall be segregated and stored selectively in a separate location in conditions that prevent dusting and blowing off light fractions and their negative impact on the environment; • store waste as far away from the water area as possible; • ensure regular collection of waste by entities authorised for its further management. 	Contractor

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86	Protection of water and soils. Protection of wildlife. Protection of acoustic climate.	Task implementation area	Waste management from the demolition of the existing bridge 1) The Contractor shall ensure ongoing collection of waste from demolition by entities authorised to manage it further, limiting as much as possible temporary collection of such waste within the area of the Task implementation. 2) The Contractor shall not locate a place for temporary collection of waste from the demolition of the existing bridge within the protected natural habitats and sites of protected plant species. 3) Where for technological reasons it is necessary to transport large structural elements of the bridge to the bank area for their further demolition (e.g. crushing), such activities require the following condition to be met in items 19, 20 (Conditions for selecting the location of construction facilities, material storage places) and 72, 74 (conditions concerning noise emissions).	Contractor
87	Protection of water and soils.	Task implementation area	Hazardous waste management rules Hazardous waste should be segregated and stored - until it is handed over to authorised entities for further management - separately in designated tight containers set up on hardened areas or in hardened places, protected against soil contamination and precipitation, including roofing the surfaces where hazardous waste will be stored, for which there is a risk of leaching of substances and their possible infiltration into the ground. Containers and storage areas must be marked and protected against access by third parties.	Contractor
88	Protection of water and soils.	Task implementation area	Rules for management of household and municipal waste water The Contractor shall provide the construction site backup facilities with tight toilets for household waste water and ensure that they are systematically emptied by authorised entities.	Contractor
89	Protection of water and soils.	Task implementation area	Prevention of formation of illegal waste disposal sites Prior to the commencement of works, the Contractor shall identify the Task implementation area in terms of occurrence of illegal waste deposition sites. During the Task implementation period, the Contractor shall protect the Task implementation area against their possible forming.	Contractor
L	REQUIREMENTS FOR THE PROTECTION OF HUMAN HEALTH AND SAFETY			
	Protection of health and safety of people.	Task implementation area	Preparation of documents related to the security in the Task implementation area In the Task implementation area, order and proper organisation of works shall be maintained. Prior to the commencement of works, the Contractor shall prepare and obtain the Engineer's approval for the following documents related to safety on the construction site:	Contractor
90			a) Safety and health protection plan (so called BIOZ plan) – see section 6.13 of the EMP text.	
91			b) Construction site project, see item 6.13 of the EMP text.	
92			c) ES Management Strategies and Implementation Plans (management strategies and implementation plans for environmental, social, health and safety risks), which include, <i>inter alia</i> , such elements as: a description of the actions taken to manage the risks, a description of the materials and equipment used, a description of the management processes, etc. to be implemented by the Contractor and its subcontractors in order to minimise the risks. At the Engineer's request, the Contractor shall update and submit for approval the ES Management Strategies and Implementation Plans.	

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93	Protection of health and safety of people.	Task implementation area	<p>Fencing of the construction site Before commencing the construction works, the Contractor will make a fence for the area. The fence should be at least 1.5 m high. If it is not possible to fence the construction or work site, the boundaries of the site shall be marked with warning signs and, if necessary, permanent supervision shall be ensured. The Contractor shall monitor the condition of the fence and warning signs and shall carry out any necessary repairs.</p>	Contractor
94	Protection of health and safety of people.	Task implementation area	<p>Sapper supervision in the Task area In order to minimise the risk associated with the possibility of dangerous objects of military origin being present in the Task area, the Contractor shall provide:</p> <ul style="list-style-type: none"> • prior to the commencement of works - a sapper's investigation of the Task implementation area (a report on the sapper's investigation will be submitted to the Engineer); • in the course of the works - sapper's supervision of the works (performed by the sapper supervision team), which consists in ongoing checking and cleaning the Task area from dangerous objects of military origin together with their disposal; • in case of finding dangerous objects of military origin in the Task implementation area - implementation of procedures described in item 103. 	Contractor
95	Protection of health and safety of people. Protection of material goods.	Task implementation area	<p>Documentation and monitoring of the technical condition of buildings exposed to vibrations Prior to the commencement of works, during which vibrations putting at risk the local residents and nearby buildings and infrastructural facilities, including those found in the communal register of monuments, may occur, the Contractor will carry out an inventory of existing buildings and facilities, with particular emphasis on cracks and damages, and with a preliminary division of these damages into superficial damages (cracks in plaster, tiles, etc.) and damages to the building structure (cracks in lintels, load-bearing walls, ceilings, etc.), with the possible installation of cracks gauges to measure the cracks. During the execution of the above mentioned works, the Contractor shall monitor the condition of these buildings and facilities on an ongoing basis. The spatial scope of the inventory shall be agreed by the Contractor with the Engineer.</p>	Contractor
96	Protection of health and safety of people.	Task implementation area	<p>Implementation of guidelines regarding requirements concerning the work safety The Contractor shall ensure implementation of detailed guidelines concerning the work safety, among other things in the scope of:</p> <ul style="list-style-type: none"> • construction site management, including hazardous zones; • storage and transport; • electrical systems and equipment; • machines and technical devices; • work at height; • earthworks; • work on water; • demolition works; • underwater works. 	Contractor

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			included in applicable legal regulations and work safety rules specified in relevant documents of PKP Polskie Linie Kolejowe S.A.	
	Protection of health and safety of people. Protection of water and soils.	Task implementation area	Ensuring hygienic conditions In the Task implementation area one shall: a) ensure that the sanitary facilities are tight (e.g. in the form of the necessary number of portable toilets) and that they are used by employees, (Rules for management of household and municipal waste water have been given in in item 88). b) ensure that all employees are trained to maintain adequate hygienic conditions within the construction site and its immediate surroundings.	Contractor
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99	Protection of health and safety of people.	Task implementation area with surroundings	Principles of HIV-AIDS prevention and other infectious diseases, including e.g. COVID 19 The Contractor, through an approved service provider, shall implement an awareness-raising programme in the scope of spreading HIV-AIDS type of diseases (including conducting an appropriate training) and shall take all other measures to reduce the risk of HIV transmission among the Contractor's personnel and the local community. These activities shall be carried out in accordance with the detailed conditions set out in the Bidding Documents of the Contract (Part 3, Section VIII - General Conditions, Clause 6.7). Training will also cover other infectious diseases (e.g. COVID 19).	Contractor
100	Protection of health and safety of people. Protection of water.	Task implementation area	Carrying out a bottom cleanliness attestation in the area of the bridge After completion of the bridge reconstruction works, the Contractor will carry out bottom cleanliness attestation in the area of the reconstructed bridge in order to ensure that in connection with the execution of the Task, in particular the demolition works, no obstacles limiting the operation of the bridge or putting at risk the safety of the vessels have taken place.	Contractor
M	REQUIREMENTS FOR EXCEPTIONAL ENVIRONMENTAL HAZARDS			
101	Protection of health and safety of people.	Task implementation area	Rules for flood risk management In connection with the risk of flooding, the Contractor shall prepare a document entitled: Flood management plan for the construction site and shall obtain the Engineer's approval (see item 6.13 of the EMP text). In the event of flood occurrence, the Contractor shall follow the procedures described in the above mentioned document.	Contractor
102	Protection of health and safety of people.	Task implementation area	Rules for notification of crisis situations In the event of a crisis situation (other than flood), accident, major breakdown, etc., the Contractor shall take the following actions: <ul style="list-style-type: none"> • immediately inform the relevant services (Fire Brigade, Ambulance, Police, etc.); • until the arrival of the appropriate services, carry out necessary actions to reduce the risk of loss of personnel, property and the environment (agreed with the appropriate services, if possible); • notify the Engineer and the Employer; • upon arrival of the relevant services, follow strictly their recommendations and instructions. 	Contractor
103	Protection of health and safety of people.	Task implementation area	Rules for unexploded shells or ordnance management In case an unexploded shell or unexploded ordnance is found, one shall: <ul style="list-style-type: none"> • stop the work immediately; 	Contractor

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			<ul style="list-style-type: none"> evacuate the area around the finding; immediately inform the sapper supervision (see item 94) and the Police, and then follow their instructions; notify the Engineer and the Employer. <p>It is strictly forbidden to lift, dig up, bury, carry, throw into fire or water, etc., unexploded shells or unexploded ordnance found.</p>	
104	Protection of health and safety of people. Protection of water and soils.	Task implementation area	<p>Rules for management of leakage of oil-derivative substances</p> <p>Due to the risk of possible leakage of oil-derivative substances, the Contractor - prior to the commencement of works - will prepare a document called the spillage procedure (see item 6.13 of the EMP text) and shall obtain its approval by the Engineer.</p>	Contractor
105	Protection of health and safety of people.	Task implementation area	<p>Guidelines for safety on the waterway / prevention of shipping accidents</p> <p>a) means of transport (floating sets) and floating equipment must meet the requirements of relevant regulations in force on the territory of the Republic of Poland in the field of inland navigation</p>	Contractor
106			<p>b) means of transport (floating sets) and floating equipment in terms of parameters must be adapted to the conditions resulting from the current waterway class.</p>	
107			<p>c) the Contractor shall obtain the required permits for carrying out works within the waterway and using the floating equipment with the Director of the Inland Navigation Office in Szczecin and the relevant waterway administration; The action must be carried out before starting works on the waterway.</p>	
108			<p>d) the work area and the waterway must be marked in accordance with the Inland Navigation Act and the local law to inform about the existing hazards and restrictions in shipping traffic. The method of marking and the location of the marking should be agreed with the Director of the Inland Navigation Office in Szczecin and with the competent waterway administration. The action must be carried out before starting works on the waterway.</p>	
N REQUIREMENTS FOR THE PROTECTION OF CULTURAL MONUMENTS				
109	Protection of monuments	Task implementation area	<p>Provision of archaeological supervision</p> <p>For the whole period of earthworks execution, the Contractor shall ensure the participation of a team of archaeological experts (archaeological supervision of the Contractor). This team shall be responsible for implementing and/or coordinating the following activities:</p> <ul style="list-style-type: none"> a) carrying out prior archaeological surveys within the found archaeological sites, b) execution of works, within the found archaeological sites, in accordance with the conditions specified by the Voivodship Conservator of Monuments in the permit to carry them out, c) appropriate protection of valuable objects and other elements of the historical substance and transporting them from the area of works to a designated place or institution, d) preparation of an appropriate archaeological supervision action plan in the form of a Quality Assurance Plan prior to the commencement of earthworks. 	Contractor
110	Protection of monuments	Task implementation area	<p>Rules of conduct in case of discovery of movable monuments or archaeological sites</p> <p>If the Contractor, in the course of execution of construction or earthworks has found an object, which is presumed to be a monument, it shall:</p>	Contractor

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			<p>a) stop any works likely to damage or destroy the found objects and secure, with the means available, this object and the discovery site,</p> <p>b) immediately notify the Voivodship Conservator of Monuments, and if this is not possible, the Mayor of the City of Szczecin. The Contractor shall at the same time notify the Engineer accordingly about the above scope,</p> <p>c) immediately notify the archaeological expert team of the Contractor,</p> <p>d) enable and ensure carrying out documentation activities, archaeological surveys and other necessary actions indicated by the team of archaeological experts of the Contractor and/or administrative bodies responsible for securing the objects and other monumental substance,</p> <p>e) in the case of immovable monuments, upon completion of the actions described in item d., the guidelines and other actions specified by the team of archaeologists / or administrative bodies responsible for securing the objects and other monumental substance must be implemented.</p> <p>The contractor shall develop a procedure to be followed in case of finding an object, which has the features of a monument.</p>	
111	Protection of monuments	Task implementation area	<p>Obtaining the permit of the Voivodship Conservator of Monuments</p> <p>In order to implement the provisions of the EMP related to the Protection of Cultural Heritage and Historical Monuments, the Contractor, if necessary, shall also obtain, on the basis of the power of attorney granted by the Employer, the permit of the Voivodship Conservator of Monuments (VCM) to carry out rescue archaeological surveys.</p>	Contractor
112	Protection of monuments	Task implementation area	<p>Protection of the historic bridge span</p> <p>The works related to the preservation and protection of the drawn span under conservation protection will be carried out under the supervision of the team of expert archaeologists of the Contractor, in accordance with the provisions of the decision permitting the works on the monument.</p>	Contractor
O	REQUIREMENTS FOR THE CONTRACTOR'S PERSONNEL INVOLVED IN THE IMPLEMENTATION OF THE EMP			
113	Implementation and reporting on the EMP implementation.	Task implementation area	<p>Training of the Contractor's staff in the EMP implementation</p> <p>The Contractor is responsible for conducting the training (concluded with a test verifying the knowledge of the participants) on the terms and conditions of the EMP and protective guidelines during the construction process for its management and engineering and technical staff supervising the construction site, which should be prepared with the assistance of its team of environmental experts. Employees of the Contractor who will deal with fuels and other petroleum-derivative substances and other substances harmful to health and the environment shall be trained in the principles of the soil and water environment protection and application of protection measures, including the use of sorbents.</p> <p>In the monthly reports submitted to the Engineer, the Contractor shall provide information on the state of training of the Contractor's personnel in the EMP conditions in the current reporting period.</p>	Contractor
114	Implementation and reporting on the EMP implementation.	Task implementation area	<p>Appointment of the EMP coordinator in the Contractor's team</p> <p>A person will be appointed in the Contractor's team to coordinate and supervise activities related to the implementation of the EMP.</p> <p>The duties of such person will include, among other things:</p>	Contractor

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			<ul style="list-style-type: none"> • supervision of the implementation of particular EMP conditions in subsequent stages of the Task implementation; • ongoing monitoring of the status of implementation of particular conditions from the Attachments 1 and 2 in the Task implementation area; • keeping the management of the Contractor's team informed about the obligations resulting from the EMP at a given stage of works as well as about any problems with the implementation of the EMP; • cooperation with the remaining part of the Contractor's team (including in particular the supervision of the environmental supervision team referred to in item 115) in ensuring the implementation of the EMP; • reporting on the implementation of the EMP (in accordance with the rules set out in items 119 - 122); • cooperation with persons responsible for the implementation of the EMP in the team of the Engineer and the Employer. <p>The EMP Coordinator cannot be a member of the Contractor's environmental supervision team (environmental supervision). The person appointed to the above mentioned function requires the Engineer's approval</p>	
115	Implementation and reporting on the EMP implementation.	Task implementation area	<p>Provision of environmental supervision team</p> <p>For the whole duration of the Task implementation, the Contractor will ensure the participation of the environmental supervision team consisting of representatives of the following specialisations:</p> <ol style="list-style-type: none"> botanist-phytosociologist (natural habitats and protected plant species); dendrologist (principles of tree care and protection); zoologist-fish fauna specialist (fish); zoologist-herpetologist (amphibians and reptiles); zoologist-bird fauna specialist (birds); zoologist-mammalian fauna specialist (non-flying mammals), zoologist-bat fauna specialist (bats). zoologist- entomologist (insects). <p>These experts will be involved in the implementation of selected mitigation and monitoring activities specified in the EMP, and in particular:</p> <ol style="list-style-type: none"> mitigation activities listed in the Attachment 1 to the EMP in the items, in particular: 20, 24, 30-41, 46-49, 51-56, 58-62, 116, 121-122, monitoring activities listed in the Attachment 2 to the EMP in the items, in particular: 20, 24, 30-41, 46-49, 51-56,58-62,116, 121-122. <p>The personnel composition of the Contractor's environmental supervision team requires the approval of the Engineer. One member of the environmental supervision team may represent a maximum of two environmental specialisations listed in items a) to h) above.</p>	Contractor

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116	Implementation and reporting on the EMP implementation.	Task implementation area	<p>Tasks of the environmental supervision team</p> <p>The task of environmental supervision will be to take appropriate protective measures in the event of a risk to protected species of fauna and flora as the result of construction works. In particular, the duties of the environmental supervision should include:</p> <ul style="list-style-type: none"> - prior to the commencement of the Task implementation, checking the area on which the construction works are to be carried out in terms of the presence of protected species sites (see item 36); - if habitats and species of fauna and flora subject to protection are found, for which it will be necessary to breach the prohibitions set out in the applicable regulations, obtaining of appropriate permits for the execution of these activities before commencing construction works (see items 38 - 41); - carrying out supervision in the course of execution of construction works, including in particular those consisting in removal of trees and shrubs, marking of habitats and sites of protected species, restoration of green areas, bridge demolition, works in the Regalica River bed and the implementation of mitigation and compensation measures (see also items 24, 37, 46- 49, 51-56, 58-62). - training of the Contractor's employees on how to deal with situations posing a risk to the natural environment occurring on the construction site, including activities related to the control of places, which may constitute traps for small animals, referred to in item 49 - preparation of reports on activities carried out by the environmental supervision together with the assessment of the effectiveness of the applied activities submitted to the Regional Director for Environmental Protection in Szczecin every 3 months from the commencement of works related to the implementation of the investment. 	Contractor
117	Implementation and reporting on the EMP implementation.	Task implementation area	<p>Provision of sapper supervision team</p> <p>The Contractor will ensure the participation of the sapper supervision team for the whole duration of the Task implementation period.</p> <p>Such team will be involved in the implementation of selected mitigation activities specified in the EMP (in particular the activities listed in item 94).</p> <p>Depending on the needs, the sapper supervision team may consist of at least one or more persons holding relevant industry licences. The team composition of the sapper supervision team requires the Engineer's approval.</p>	Contractor
118	Implementation and reporting on the EMP implementation.	Task implementation area	<p>Providing a team of archaeologists' experts</p> <p>For the whole duration of the Task implementation, the Contractor will ensure the participation of a team of archaeological experts. These experts will be involved in the implementation of selected mitigation measures identified in the EMP (in particular those described in items 109 - 112). The members of the archaeologists' expert team must have appropriate professional licences. The composition of the archaeological expert team requires the approval of the Engineer.</p> <p>Prior to the commencement of works, the Contractor shall submit for the approval by the Engineer a Quality Assurance Plan for the activities of the archaeological expert team.</p>	Contractor

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P REQUIREMENTS FOR THE REPORTING OF THE EMP IMPLEMENTATION				
119	Implementation and reporting on the EMP implementation.	Task implementation area	<p>Reporting on the state of implementation of the EMP in monthly reports</p> <p>During the Task implementation period, the Contractor shall submit monthly reports to the Engineer on the implementation of conditions specified in the EMP (in the form of a checklist together with the necessary attachments, including reports on the implementation of environmental supervision). The template of the above report (checklist) requires the approval of the Engineer.</p> <p>Depending on the circumstances, the Engineer may require from the Contractor to submit additional reports concerning, among other things, crisis situations, implementation of selected items of the EMP and other things.</p>	Contractor
120	Implementation and reporting on the EMP implementation.	Task implementation area	<p>Discussing the implementation of EMP during working meetings and construction site meetings</p> <p>During the Task implementation period, monthly meetings of representatives of the PIO, Engineer and Contractor will be held to discuss and control the implementation of mitigation and monitoring activities specified in the EMP.</p> <p>Regardless of the above, current requirements and problems related to the implementation of the EMP will be discussed at all construction site meetings.</p>	Project Implementation Office, Contractor
	Implementation and reporting on the EMP implementation.	Task implementation area	<p>Reports of the Contractor's environmental team</p> <p>The Contractor's environmental team reports on:</p>	Contractor
121			<p>a) preparing periodic reports (monthly, quarterly and final reports) on the implementation of conditions specified in the EMP (in the form of a checklist with the necessary attachments, including reports on the implementation of environmental supervision) submitted to the Engineer and requiring his / her approval,</p>	
122			<p>b) preparing reports to be submitted to the Regional Director for Environmental Protection in Szczecin in accordance with the terms and conditions of administrative decisions issued for the Task (in particular those included in the Attachment 4) and decisions indicated in items 38 - 41, if required.</p> <p>The preparation of the documents indicated in items a) and b) shall be the responsibility of the coordinator for the EMP in the Contractor's team.</p>	
R SPECIFIC REQUIREMENTS OF THE ES WORLD BANK POLICIES				
123	Protection of health and safety of people. Protection of water. Protection of natural resources.	Task implementation area	<p>Code of Conduct ES</p> <p>The Contractor shall take all necessary measures to ensure that the Contractor's staff is informed about the Code of Conduct ES, submitted with the offer and described in item 6.13 of the EMP text, including specific behaviors that are prohibited and that Contractor's staff understands the consequences of engaging in such prohibited activities.</p> <p>The Contractor shall also ensure that the Code of Conduct is visibly presented at locations frequented of the Contractor's personnel.</p> <p>The condition applies to the Contractor and his staff, regardless of the legal form of cooperation, and respectively Subcontractors and their staff.</p>	Contractor

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124	Protection of health and safety of people.	Task implementation area	<p>Prevention of sexual harassment and mobbing</p> <p>The Contractor shall ensure that during the execution of the Contract, such conditions are in place as to prevent mobbing and sexual harassment to its staff and Subcontractors' staff, as well as to other persons (whether related to the execution of the Contract or third parties).</p>	Contractor
125	Protection of health and safety of people.	Task implementation area	<p>Awareness-raising on the prevention of sexual harassment and mobbing</p> <p>The Contractor shall, through an approved and qualified service provider, conduct training and implement an awareness-raising programme on the prevention of sexual harassment and mobbing. These activities shall be carried out throughout the entire term of the Contract, including the period of notification of defects at least every two months. These actions will have the form of information, education and awareness-raising campaigns.</p>	Contractor
126	Protection of health and safety of people.	Task implementation area	<p>Reporting cases of sexual harassment and mobbing</p> <p>It is the Contractor's duty to inform the Consultant immediately about all reported cases and suspicions concerning sexual harassment and mobbing.</p> <p>All reported cases and suspicions concerning sexual harassment and mobbing should be entered in the register of complaints and requests kept by the Contractor.</p> <p>In the case of mobbing or sexual harassment, the Contractor shall be obliged to take actions aimed at immediate termination of such behaviour and to take all legal measures against the perpetrators of such behaviour. The Contractor shall be also obliged to provide all necessary assistance and support to the victims of such conduct.</p>	Contractor
127	Protection of health and safety of people.	Task implementation area	<p>Ensuring that staff employed in the implementation of the Task can submit complaints and requests</p> <p>Contractor will inform all persons employed on the construction site about the possibility of lodging complaints about working and pay conditions and will provide an information leaflet with the necessary information on how to lodge complaints and requests, in which it will ensure that there are no repercussions for the person reporting a problem.</p> <p>The Contractor will keep a register of complaints and requests.</p> <p>The content of the leaflet and the format of the register will be agreed with the Consultant.</p>	Contractor
128	Protection of health and safety of people.	Task implementation area	<p>Ensuring accident-free working conditions</p> <p>The Contractor shall ensure such conditions in the Task area and outside the Task area (during activities related to the execution of the Task, e.g. during transport) as to prevent accidents involving persons related to the execution of the Contract, including Contractor's, Engineer's, Investor's, Subcontractors' staff, etc., as well as third parties.</p> <p>In the event of such accidents, it is necessary to:</p> <ul style="list-style-type: none"> • immediately ensure proper handling of the injured party; • secure the location of the accident; • inform the Engineer as soon as possible about the accident and the Contractor's reaction to the accident; • notify the relevant services and allow them to reach the place of the accident. 	Contractor
129	Protection of health and safety of people.	Task implementation area	<p>Conditions of employment of young workers</p> <p>In connection with the execution of the Contract, Contractor may employ only such a minor who is at least 15 years old, has completed primary school of at least eight years duration and has presented a</p>	Contractor

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			medical certificate stating that the work in question does not endanger his / her health. The Contractor shall ensure that juvenile employees (persons under 18 years of age) will not perform works prohibited to juvenile employees, specified in relevant regulation (see p. 6.14 of EMP).	
130	Protection of health and safety of people.	Task implementation area	<p>Health and Safety Supervision by the Contractor</p> <p>During the Task implementation period, the Contractor will ensure constant supervision of health and safety at work. The scope of duties, qualifications and personal composition of the Contractor's HS services shall be in accordance with the Polish labour law regulations.</p> <p>Prior to the commencement of works, the Contractor's health and safety supervision shall conduct a dedicated training for the Contractor's personnel in the field of work safety and accident risk during the execution of the Task.</p>	Contractor
131	Protection of health and safety of people.	Task implementation area	<p>The Contractor shall be obliged to apply and comply with all labour law regulations in force in Poland, in particular all provisions of the Labour Code, and shall act in accordance with the ES Code of Conduct. In particular, the following issues should be reflected in the Contractor's employment policy and the remuneration regulations:</p> <ul style="list-style-type: none"> • ensuring equal pay for employees performing the same work without taking into account gender, sexual orientation or age; • ensuring that persons employed in the Contract are not persecuted or discriminated against on the basis of gender, sexual orientation and age; • ensuring that the Contractor, in accordance with the possibilities and conditions and the Polish Labour Code provisions, will meet the living and social needs of employees in the workplace; • ensuring by the Contractor to make it easier for employees to improve their professional qualifications. 	Contractor
S	GUIDELINES FOR DEALING WITH THE SITUATION IN THE EVENT OF AN EPIDEMIC OR EPIDEMIC EMERGENCY STATE IN FORCE DURING THE EXECUTION OF WORKS			
132	Protection of health and safety of people	Task implementation area	<p>In the event that an epidemic or epidemic emergency state is in force during the execution of works, the Contractor is obliged to:</p> <ol style="list-style-type: none"> a) to provide the persons on the Construction Site with all necessary precautions to maintain the health and safety of workers, Contractor's Personnel, to the extent described in the Terms and Conditions of the Contract, in particular to introduce appropriate measures to avoid or minimise the spread of diseases, including measures aimed at avoiding or minimising the transmission of infectious diseases that may be associated with the inflow of temporary or permanent labour, related to the execution of the Contract, in the manner specified in the applicable Law, e.g. in regulations issued pursuant to the Article 46a of the Act of 5 December 2008 on preventing and combating infections and infectious diseases in humans (i.e. Journal of Laws of 2019, item 1239 as amended) on establishing certain restrictions, orders and prohibitions in connection with the occurrence of an epidemic state, b) designate a person responsible under the Contract for matters relating to the health and safety at work during an epidemic or epidemic emergency state, c) implement relevant recommendations of the World Bank and sanitary services in the Republic of Poland, 	

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			<p>d) cooperate with the Employer and the Engineer, in particular, provide current information on the precautions taken or planned, including the appropriate protection of the Construction Site against unauthorised access, the procedures introduced and the appropriate updating of the documents described in item 6.13, in particular the Health and Safety Protection Plan, Waste Management Plan, Construction Site Organisation Design, Management Strategies and ES Implementation Plans,</p> <p>e) organise information action (e.g. in the form of posters and instructions on the site) on the symptoms and signs of infection, virus spread, protection measures (including regular hand washing)</p> <p>f) organise training for workers, Contractor's personnels at least in the scope of:</p> <ul style="list-style-type: none"> i. updated procedures and documents, ii. symptoms and signs of COVID-19 (or any other infectious disease in connection with an established epidemic/ epidemic emergency situation), including self-monitoring of symptoms, spread of the virus, available protection measures, iii. procedures in case of noticing symptoms of the disease in oneself and others, iv. regulations in force concerning the quarantine of workers and their families, remuneration for the period of illness, isolation or quarantine, the provision of health care, including sanitary transport, carried out in connection with the prevention of infection, v. applicable procedures for signalling infringements or reporting complaints by employees, vi. waste handling - e.g. masks, gloves, disinfectants and cleaning products <p>In the course of an epidemic emergency or epidemic state, within the scope of the law, training should be provided by electronic means of communication or in the form of self-education. The above rules should be applied in an appropriate manner in the event of declaring an epidemic state or epidemic emergency state in connection with another infectious disease in the Republic of Poland.</p>	
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