

## **Attachment 2 - Plan of monitoring actions**

This Attachment to the Environmental Management Plan to the Odra - Vistula Flood Management Project for the **Contract 1.B.5/2 - Reconstruction of the bridge to ensure minimum clearance - road bridge in km 2.45 of the Warta River in Kostrzyn nad Odrą**, presents monitoring activities. The costs and the time schedule for the implementation of these activities should be included in the Bid.

Explanatory notes to the table in the Attachment 2 to the EMP:

- 1) the activities listed in items 1-145 of the Attachment 2 of the EMP relate to the monitoring of the implementation of mitigation measures listed in items 1-145 of the Attachment 1 to the EMP (quoted here literally in the Monitoring Object column).
- 2) 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.
- 3) 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 disclosed during the Defects Notification Period.
- 4) unless otherwise stated in a given case, the term **Contractor's Team** in the column Responsible party personally means the Contractor's EMP Coordinator in the Contractor's team (referred to in item 128 in the Attachment 1 to the EMP), who cooperates closely with the Site Manager and the remaining part of the Contractor's team (including the team of environmental experts).
- 5) unless otherwise stated, the term **Engineer's Team** in the Responsible party column means the Experts for environmental management in the Contract Engineer's team, working with the relevant Supervision Inspectors and the rest of the Engineer's team.
- 6) if **visual monitoring** is mentioned, it also includes 1) making photographic documentation if it is necessary to document the occurrence of events or the implementation of action 2) a site investigation carried out by the Engineer
- 7) The construction area / construction site means places where Permanent Works are to be carried out, including storage and working places where Equipment and Materials are to be supplied, as well as other places indicated in the Contract as being part of the Construction Site. The terms "Construction Site" and "Construction Area" are interchangeable terms and are understood in the Contract Terms and Conditions as the "Construction Site".

Environmental Management Plan

Contract 1.B.5/2 - Reconstruction of the bridge to ensure minimum clearance - road bridge in km 2.45 of the Warta River in Kostrzyn nad Odra

Item	Issue	Subject of monitoring	Place of monitoring	Responsible party	Monitoring method	Period and frequency of monitoring
<b>A</b>	<b>REQUIREMENTS FOR THE TASK IMPLEMENTATION SCHEDULE</b>					
<b>1</b>	Schedule of works	<p><b>EMP terms and conditions concerning dates for execution of works</b></p> <p>When establishing the work schedules and during the period of works execution, the Contractor shall take into account the EMP conditions concerning the dates and time of execution of various types of works, including:</p> <ul style="list-style-type: none"> <li>a) permissible dates for works in the Warta River and Postomia River beds (see item 37)</li> <li>b) permissible periods to carry out works during the day (see items 82, 83)</li> <li>c) permissible dates for removal of trees and shrubs (see items 27, 28)</li> <li>d) permissible time limit for the removal of fertile earth (humus) (see item 22)</li> <li>e) permissible dates for carrying out works related to the demolition of the existing and temporary bridge (see item 38)</li> </ul>	Task implementation area	Contractor's Team	Verification of the works schedule. Ongoing monitoring of compliance with the terms and conditions of EMP listed in item 1 of the Attachment 1 of the EMP (as given in the descriptions for these items in this table).	Before the beginning of the Task implementation period and during the Task implementation period (including, among other things, before the commencement of works and during the works period) - on an ongoing basis, not less frequently than once a week
				Engineer's Team	Ongoing monitoring of compliance with particular terms and conditions of EMP listed in item 1 of the Attachment 1 to the EMP (as given in the descriptions for these items in this table). Verification of the documentation submitted by the Contractor to the Engineer.	Before the beginning of the Task implementation period and during the Task implementation period (including, among other things, before the commencement of works and during the works period) - on an ongoing basis, not less frequently than once a month
<b>2</b>	Schedule of works	<p><b>EMP terms and conditions concerning activities to be carried out prior to the commencement or at the initial stage of works.</b></p> <p>When establishing the work schedules and during the period of works execution, the Contractor shall take into account the EMP conditions concerning activities to be carried out before or at the initial stage of works, including:</p> <ul style="list-style-type: none"> <li>a) conditions concerning the construction and equipping of construction site backup facilities, technological roads and yards (see items 17,</li> </ul>	Task implementation area together with access roads and their surroundings	Contractor's Team	Verification of the works schedules. Ongoing monitoring of implementation of the terms and conditions of EMP listed in item 2 of the Attachment 1 to the EMP (as given in the descriptions for these items in this table).	During the Task implementation period (including, among other things, before the commencement of works and during the works period) - on an ongoing basis, at least once a week.

Environmental Management Plan

Contract 1.B.5/2 - Reconstruction of the bridge to ensure minimum clearance - road bridge in km 2.45 of the Warta River in Kostrzyn nad Odrą

Item	Issue	Subject of monitoring	Place of monitoring	Responsible party	Monitoring method	Period and frequency of monitoring
		<p>18, 42, 79, 80, 89 – 92, 94-96);</p> <p>b) conditions concerning the transport service for the construction site (see items 3-15, 120);</p> <p>c) conditions concerning fencing of the construction site (see item 42, 106);</p> <p>d) condition concerning the removal and protection of the humus layer (see items 21 - 24);</p> <p>e) conditions for removal of trees and shrubs and protection of trees (see items 27 - 30);</p> <p>f) condition concerning carrying out the environmental inventory (see item 31);</p> <p>g) conditions concerning the conservation of habitats and sites of protected species and the protection of small animals (see items 42, 56, 58);</p> <p>h) condition concerning the sapper's site investigation (see item 107);</p> <p>i) condition for informing residents about planned works (see item 87);</p> <p>j) conditions concerning preparation of documents (see items 4, 19, 97, 103 - 105, 117, 123, 142);</p> <p>k) conditions for obtaining the Engineer's approval of the person for the EMP implementation coordinator (see item 128) and the composition of the Contractor's environmental supervision team (see item 129), the archaeologists' expert team (see item 132) and sapper's supervision team (see item 131);</p> <p>l) condition for training on the EMP implementation rules (see item 127);</p> <p>m) conditions for conducting other trainings, including awareness-raising programmes in the field of spreading HIV-AIDS type of diseases and counteracting sexual harassment and mobbing (see item 44, 111, 112, 130, 140, 143).</p>		Engineer's Team	<p>Verification of the documentation submitted by the Contractor to the Engineer.</p> <p>Ongoing monitoring of implementation of particular terms and conditions of EMP listed in item 2 of the Attachment 1 to the EMP (as given in the descriptions for these items in the Attachment 2).</p>	<p>During the Task implementation period (including, among other things, before the commencement of works and during the works period) - on an ongoing basis, at least once a month.</p>

Environmental Management Plan

Contract 1.B.5/2 - Reconstruction of the bridge to ensure minimum clearance - road bridge in km 2.45 of the Warta River in Kostrzyn nad Odrą

Item	Issue	Subject of monitoring	Place of monitoring	Responsible party	Monitoring method	Period and frequency of monitoring	
<b>B</b>	<b>REQUIREMENTS FOR THE TRANSPORT SERVICE OF THE TASK IMPLEMENTATION AREA</b>						
	Protection of health and safety of people	<p><b>Conditions for using access roads to the Task implementation area</b> The following conditions shall apply to the use of access roads to the Task implementation area:</p> <p>a) Access to the Task implementation area shall be determined on the basis of the existing roads.</p> <p>b) The Contractor shall organise the traffic according to the agreed temporary traffic project for the Task implementation period (marking and securing of works and marking of diverted traffic and recommended road signs associated with the change of traffic organisation, road marking etc.).</p> <p>c) The Contractor shall update the project of traffic organisation and protecting the works for the time of the Task implementation in accordance with the schedule of works and the adopted technology and in accordance with the provisions contained in the Technical Specifications and the requirements of the road administrators concerning the transport roads and their conditions of use. The Contractor shall agree with the road administrators on the project of the traffic organisation and works protection.</p> <p>d) 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</p>	Access roads to the Task implementation area together with their surroundings.				
<b>3</b>	Protection of material goods Protection of land surface				Contractor's Team	Visual monitoring.	During the Task implementation period, on an ongoing basis, at least once a month.
					Engineer's Team	Visual monitoring. Verification of the documentation submitted by the Contractor to the Engineer.	During the Task implementation period, on an ongoing basis, at least once a month.
<b>4</b>					Contractor's Team	Visual monitoring.	During the Task implementation period, on an ongoing basis, at least once a month.
					Engineer's Team	Visual monitoring. Verification of the documentation submitted by the Contractor to the Engineer.	During the Task implementation period, on an ongoing basis, at least once a month.
<b>5</b>					Contractor's Team	Control of the progress of works on the preparation of documents. Control of the submission of documents to the Engineer	During the Task implementation period, on an ongoing basis, at least once a week.
			Engineer's Team	Verification of the documentation submitted by the Contractor to the Engineer.	During the Task implementation period, on an ongoing basis, at least once a month.		
<b>6</b>			Contractor's Team	Visual monitoring.	During the implementation period, on an ongoing basis, at least once a week.		

Environmental Management Plan

Contract 1.B.5/2 - Reconstruction of the bridge to ensure minimum clearance - road bridge in km 2.45 of the Warta River in Kostrzyn nad Odra

Item	Issue	Subject of monitoring	Place of monitoring	Responsible party	Monitoring method	Period and frequency of monitoring
		administrators. 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.		Engineer's Team	Visual monitoring. Verification of the documentation submitted by the Contractor to the Engineer.	During the Task implementation period, on an ongoing basis, at least once a month.
7		e) 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.		Contractor's Team	Visual monitoring.	During the Task implementation period, on an ongoing basis, at least once a week.
				Engineer's Team	Visual monitoring. Verification of the documentation submitted by the Contractor to the Engineer.	During the Task implementation period, on an ongoing basis, at least once a month.
8		f) The Contractor shall be liable for any damage to structures and buildings, roads, drainage ditches, culverts, sewage systems, water and gas pipelines, power lines and posts, 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. The Contractor shall immediately repair at its own expense any damage caused and, if necessary, carry out any other works ordered by the Engineer.		Contractor's Team	Visual monitoring.	During the Task implementation period, on an ongoing basis, at least once a week.
				Engineer's Team	Visual monitoring. Verification of the documentation submitted by the Contractor to the Engineer.	During the Task implementation period, on an ongoing basis, at least once a month.
9		g) The Contractor shall comply with the official axle load limits when transporting materials and equipment to and from the Task implementation area.		Contractor's Team	Visual monitoring.	During the Task implementation period, on an ongoing basis, at least once a week.
				Engineer's Team	Visual monitoring. Verification of the documentation submitted by the Contractor to the Engineer.	During the Task implementation period, on an ongoing basis, at least once a month.
10		h) The Contractor shall obtain all necessary permits from the authorities for the carriage of non-standard cargo and shall notify the Engineer of		Contractor's Team	Visual monitoring. Verification of the documentation submitted by the Contractor to the Engineer	During the Task implementation period, on an ongoing basis, at least once a week.

Environmental Management Plan

Contract 1.B.5/2 - Reconstruction of the bridge to ensure minimum clearance - road bridge in km 2.45 of the Warta River in Kostrzyn nad Odra

Item	Issue	Subject of monitoring	Place of monitoring	Responsible party	Monitoring method	Period and frequency of monitoring
		any such carriage on a continuous basis.		Engineer's Team	Visual monitoring. Verification of the documentation submitted by the Contractor to the Engineer.	During the Task implementation period, on an ongoing basis, at least once a month.
11		i) The Contractor shall be obliged to prepare photographic documentation of the entire area of the 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.		Contractor's Team	Visual monitoring. Control of the progress of works on the preparation of documentation. Control of the submission of documents to the Engineer	During the Task implementation period, on an ongoing basis, at least once a week until the condition is met.
				Engineer's Team	Verification of the documentation submitted by the Contractor to the Engineer.	During the Task implementation period, on an ongoing basis, at least once a month until the condition is met.
12		j) Prior to the commencement of works, the Contractor shall carry out local inspections in the presence of road administrators, 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.		Contractor's Team	Control of the progress of works on the preparation of documents. Control of the submission of documents to the Engineer	During the Task implementation period, on an ongoing basis, at least once a week.
				Engineer's Team	Verification of the documentation submitted by the Contractor to the Engineer.	During the Task implementation period, on an ongoing basis, at least once a month.
	Protection of health of people and safety Protection of material goods	<b>Conditions related to the use of waterways</b> The following conditions shall apply to the use of waterways to the Task implementation area:	Waterways in the Task implementation area and outside the Task implementation area			
13		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 the works, including the transport of materials, equipment or waste. The Contractor shall immediately repair at his own expense any damage caused and, if necessary, carry out any other works ordered by the Engineer;		Contractor's Team	Visual monitoring.	During the Task implementation period, on an ongoing basis, at least once a month.
				Engineer's Team	Visual monitoring. Verification of the documentation submitted by the Contractor to the Engineer.	During the Task implementation period, on an ongoing basis, at least once a month.
14		b) The Contractor shall be obliged to prepare photographic documentation of the entire Task implementation area, with particular		Contractor's Team	Control of the progress of works on the preparation of documents. Control of the submission of	During the Task implementation period, on an ongoing basis, at least once a week until the

Environmental Management Plan

Contract 1.B.5/2 - Reconstruction of the bridge to ensure minimum clearance - road bridge in km 2.45 of the Warta River in Kostrzyn nad Odra

Item	Issue	Subject of monitoring	Place of monitoring	Responsible party	Monitoring method	Period and frequency of monitoring
		emphasis on the technical condition of the infrastructure indicated in item a);			documents to the Engineer	condition is met.
				Engineer's Team	Verification of the documentation submitted by the Contractor to the Engineer.	During the Task implementation period, on an ongoing basis, at least once a month until the condition is met.
15		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.		Contractor's Team	Visual monitoring and verification of documentation	During the Task implementation period, on an ongoing basis, at least once a week.
				Engineer's Team	Visual monitoring. Verification of the documentation submitted by the Contractor to the Engineer.	During the Task implementation period, on an ongoing basis, at least once a month.
<b>C REQUIREMENTS FOR THE LOCATION OF CONSTRUCTION SITE BACKUP FACILITIES AND ROADS, MATERIAL STORAGE AND PARKING AREAS</b>						
16	Protection of water and soil Protection of wildlife	<b>Obligation for the execution of construction site backup facilities and roads, material storage and parking areas</b> Prior to the commencement of construction works, the Contractor shall carry out the construction site backup facilities and technological roads and material storage areas, as well as parking spaces. The equipment of the construction site backup facilities and the use of the area should meet, inter alia, the conditions specified in items 42, 59, 79, 80, 81, 89 - 92, 94 - 96, 98, 100 - 102 . When planning the above mentioned elements of the construction site, it is necessary to ensure that their area is limited to the minimum necessary. If it is not possible to designate, in particular, parking places and material storage places outside the area of particular flood hazard, the Contractor shall develop a procedure for securing / evacuating these elements of the construction site backup facilities in case of flood and submit them for approval as a part of the preparation of the Flood Protection Plan of the construction site (see item 114).	Task implementation area	Contractor's Team	Visual monitoring.	During the Task implementation period, on an ongoing basis, at least once a week.
				Engineer's Team	Visual monitoring. Verification of the documentation submitted by the Contractor to the Engineer.	During the Task implementation period, on an ongoing basis, at least once a month.

Environmental Management Plan

Contract 1.B.5/2 - Reconstruction of the bridge to ensure minimum clearance - road bridge in km 2.45 of the Warta River in Kostrzyn nad Odra

Item	Issue	Subject of monitoring	Place of monitoring	Responsible party	Monitoring method	Period and frequency of monitoring
	Protection of acoustic climate	<b>Requirements for the selection of the location of construction site backup facilities and roads, material storage and parking areas</b>	Task implementation area			
17	Protection of water Protection of wildlife	a) The construction site backup facilities shall be located between the Sybiraków Street and the Warta River in the area of the passenger harbour, far away from residential buildings.		Contractor's Team	Visual monitoring.	During the implementation period, on an ongoing basis, at least once a week.
				Engineer's Team	Visual monitoring. Verification of the documentation submitted by the Contractor to the Engineer.	During the implementation period, on an ongoing basis, at least once a month.
18		b) Construction site backup facilities (amenities, machinery and materials) shall be located outside the area of the "Warta Mouth" National Park and protected natural habitats.		Contractor's Team	Visual monitoring.	During the Task implementation period, on an ongoing basis, at least once a week.
			Engineer's Team	Visual monitoring. Verification of the documentation submitted by the Contractor to the Engineer.	During the Task implementation period, on an ongoing basis, at least once a month.	
<b>D REQUIREMENTS FOR THE MANAGEMENT OF EARTH MASSES</b>						
19	Protection of water and soils	<b>Land management</b> 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 the design documentation.  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.  Earth (including earth masses) and aggregates used for the 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 70).	Task implementation area	Contractor's Team	Visual monitoring. Verification of soil management documentation.	During the Task implementation period, on an ongoing basis, at least once a week.
				Engineer's Team	Visual monitoring. Verification of the documentation submitted by the Contractor to the Engineer.	During the Task implementation period, on an ongoing basis, at least once a month.



Environmental Management Plan

Contract 1.B.5/2 - Reconstruction of the bridge to ensure minimum clearance - road bridge in km 2.45 of the Warta River in Kostrzyn nad Odrą

Item	Issue	Subject of monitoring	Place of monitoring	Responsible party	Monitoring method	Period and frequency of monitoring
		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 97).				
20	Protection of water and soils	<p><b>Quality control of excavated earth masses</b></p> <p>If, as the result of ongoing assessment and verification of the quality of excavated earth masses (see monitoring activity item 148 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 the 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"> <li>• establishing the possibility of using earth masses within the construction site area (if the lack of contamination with hazardous substances is confirmed);</li> <li>• determination of acceptable ways of dealing with contaminated earth masses.</li> </ul>	Task implementation area	Contractor's Team	Visual monitoring. Verification of the quality testing documentation of excavated earth masses suspected of being contaminated.	During the Task implementation period, on an ongoing basis, at least once a week.
				Engineer's Team	Visual monitoring. Verification of the documentation submitted by the Contractor to the Engineer.	During the Task implementation period, on an ongoing basis, at least once a month.
<b>E</b>	<b>REQUIREMENTS FOR MANAGEMENT OF THE HUMUS LAYER</b>					
21	Protection of soil, protection of wildlife	<p><b>Collection, storage and use of the humus layer</b></p> <p>a) Prior to the commencement of works in particular parts of the Task implementation area where works, roads, technological yards, etc. are planned, a layer of fertile soil (so-called humus) with the thickness of not less than approx. 0.2 m should be removed and stored in heaps in a place and in a manner approved by the Engineer;</p>	Task implementation area	Contractor's Team	Visual monitoring.	During the Task implementation period, on an ongoing basis, at least once a week until the condition is met.
				Engineer's Team	Visual monitoring. Verification of the documentation submitted by the Contractor to the Engineer.	During the Task implementation period, on an ongoing basis, at least once a month until the condition is met.

Environmental Management Plan

Contract 1.B.5/2 - Reconstruction of the bridge to ensure minimum clearance - road bridge in km 2.45 of the Warta River in Kostrzyn nad Odra

Item	Issue	Subject of monitoring	Place of monitoring	Responsible party	Monitoring method	Period and frequency of monitoring
22		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;		Contractor's Team	Visual monitoring. Verification of the works schedules. Checking the participation and agreement of required experts.	During the Task implementation period, on an ongoing basis, at least once a week.
				Engineer's Team	Visual monitoring. Verification of the documentation submitted by the Contractor to the Engineer. Checking the arrangements of required experts.	During the Task implementation period, on an ongoing basis, at least once a month.
23		c) The stored humus prisms 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);		Contractor's Team	Visual monitoring.	During the Task implementation period, on an ongoing basis, at least once a week.
				Engineer's Team	Visual monitoring. Verification of the documentation submitted by the Contractor to the Engineer.	During the Task implementation period, on an ongoing basis, at least once a month.
24		d) Stored humus heaps should be protected against contamination, driving over, compaction, storage of building materials and growth of weeds and invasive plants etc;		Contractor's Team	Visual monitoring.	During the Task implementation period, on an ongoing basis, at least once a week.
				Engineer's Team	Visual monitoring. Verification of the documentation submitted by the Contractor to the Engineer.	During the Task implementation period, on an ongoing basis, at least once a month.
25		e) After the completion of the construction works, the stored humus should be used for the construction of arranged green areas, in accordance with the land development project (also the condition in item 61). 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;		Contractor's Team	Visual monitoring. Verification of the works schedules. Verification of reclamation documentation. Checking the participation and agreement of required experts.	During the Task implementation period, on an ongoing basis, at least once a week.
				Engineer's Team	Visual monitoring. Verification of the documentation submitted by the Contractor to the Engineer. Checking the arrangements of required experts.	During the Task implementation period, on an ongoing basis, at least once a month.
26		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 Team	Visual monitoring. Checking the participation and agreement of required experts.	During the Task implementation period, on an ongoing basis, at least once a week.

Environmental Management Plan

Contract 1.B.5/2 - Reconstruction of the bridge to ensure minimum clearance - road bridge in km 2.45 of the Warta River in Kostrzyn nad Odrą

Item	Issue	Subject of monitoring	Place of monitoring	Responsible party	Monitoring method	Period and frequency of monitoring
		Contractor's environmental supervision team as referred to in item 129.		Engineer's Team	Visual monitoring. Verification of the documentation submitted by the Contractor to the Engineer. Checking the arrangements of required experts.	During the Task implementation period, on an ongoing basis, at least once a month.
<b>F</b>	<b>REQUIREMENTS FOR CUTTING OF TREES AND SHRUBS</b>					
<b>27</b>	Protection of wildlife	<b>Permissible dates for cutting of trees and shrubs</b> Removal of trees and shrubs shall be carried out outside the bird breeding period, i.e. from 1 August to the end of February.	Task implementation area	Contractor's Team	Visual monitoring. Verification of the works schedules.	During the Task implementation period, on an ongoing basis, at least once a week.
				Engineer's Team	Visual monitoring. Verification of the documentation submitted by the Contractor to the Engineer.	During the Task implementation period, on an ongoing basis, at least once a month.
<b>28</b>	Protection of wildlife	<b>Condition for removal of trees and shrubs outside the permitted period</b> If trees and shrubs need to be removed during the bird breeding period, immediately before removal, their presence in the area of bird habitats must be inspected by the environmental supervision bird fauna specialist indicated in the item 126; 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 33 – 36.	Task implementation area	Contractor's Team	Visual monitoring. Verification of the participation of required experts. Verification of obtaining the required permits.	During the Task implementation period, on an ongoing basis, at least once a week.
				Engineer's Team	Visual monitoring. Verification of the documentation submitted by the Contractor to the Engineer. Verification of the participation of required experts. Verification of obtaining the required permits.	During the Task implementation period, on an ongoing basis, at least once a month.
<b>G</b>	<b>PROTECTION REQUIREMENTS FOR TREES AND SHRUBS NOT INTENDED FOR REMOVAL</b>					

Environmental Management Plan

Contract 1.B.5/2 - Reconstruction of the bridge to ensure minimum clearance - road bridge in km 2.45 of the Warta River in Kostrzyn nad Odrą

Item	Issue	Subject of monitoring	Place of monitoring	Responsible party	Monitoring method	Period and frequency of monitoring
29	Protection of wildlife	<p><b>Execution of works in the area of trees and shrubs not intended for removal</b></p> <p>Trees intended for removal, growing in the Task implementation area and exposed to damage due to the work and movement of equipment shall be effectively protected against mechanical damage through:</p> <ul style="list-style-type: none"> <li>a) 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,</li> <li>b) carrying out earthworks within the root system, if possible, manually,</li> <li>c) 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,</li> <li>d) prohibition to store construction materials and soil from excavations within the tree crown projection.</li> </ul>	Task implementation area and areas directly adjacent to the Task implementation area	Contractor's Team	Visual monitoring.	During the Task implementation period, on an ongoing basis, at least once a week.
				Engineer's Team	Visual monitoring.	During the Task implementation period, on an ongoing basis, at least once a month.
30	Protection of wildlife	<p><b>Protection of damaged trees and shrubs</b></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.</p>	Task implementation area and areas directly adjacent to the Task implementation area	Contractor's Team	Visual monitoring. Checking the participation of required experts.	Each time a situation covered by the condition occurs.

Environmental Management Plan

Contract 1.B.5/2 - Reconstruction of the bridge to ensure minimum clearance - road bridge in km 2.45 of the Warta River in Kostrzyn nad Odrą

Item	Issue	Subject of monitoring	Place of monitoring	Responsible party	Monitoring method	Period and frequency of monitoring
		The above mentioned activities should be carried out in consultation with the dendrologist from the environmental supervision team of the Contractor (referred to in item 129), 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.	on area	Engineer's Team	Visual monitoring. Verification of the documentation submitted by the Contractor to the Engineer. Checking the participation of required experts.	During the Task implementation period, on an ongoing basis, at least once a month.
<b>H REQUIREMENTS FOR THE CONSERVATION OF PROTECTED NATURAL RESOURCES</b>						
31	Protection of wildlife	<p><b>One-off environmental inventory of the Task implementation area before the commencement of works</b></p> <p>Prior to the commencement of preparation works, the environmental supervision team of the Contractor, referred to in item 129, shall carry out a one-off nature inventory of the Task implementation area.</p> <p>The purpose of the implementation of the measures will be, inter alia:</p> <ul style="list-style-type: none"> <li>• indication of places of the acceptable location of the construction site backup facilities and storage places for materials and waste (see the condition in items 17, 18);</li> <li>• verification of the location of the patches of habitats and plant sites in order to implement the measure indicated item 58,</li> <li>• securing amphibian habitats in item 56,</li> <li>• carrying out the bat fauna and bird fauna visual inspection of objects to be demolished (on the plot No. 350, precinct 0004 Town Centre, town of Kostrzyn nad Odrą).</li> </ul> <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, decisions should be obtained allowing for derogations from the principles of the plant, fungi and animal species protection, referred to in</p>	Task implementation area	Contractor's Team	Confirmation of the Contractor's execution of activities in one of the monthly reports on the implementation of the Contract, supported by the reports from the site investigation, reports of the Contractor's environmental supervision team (referred to in item 129), etc. Check of the participation of the required expert in the Contractor's team.	One-off, prior to the commencement of works.
				Engineer's Team	Verification of the documentation submitted by the Contractor to the Engineer. Checking the participation of required experts.	One-off, prior to the commencement of works.

Environmental Management Plan

Contract 1.B.5/2 - Reconstruction of the bridge to ensure minimum clearance - road bridge in km 2.45 of the Warta River in Kostrzyn nad Odrą

Item	Issue	Subject of monitoring	Place of monitoring	Responsible party	Monitoring method	Period and frequency of monitoring
		<p>items 33 - 36.</p> <p>Within the measure the Contractor's environmental supervision team will also carry out an assessment of the habitats of game species.</p>				
32	Protection of wildlife	<p><b>Ongoing inspections of the environmental supervision team during the Task implementation period</b></p> <p>The works and other works carried out during the Task implementation period should be carried out under the current supervision of the Contractor's environmental supervision team (referred to in item 129).</p> <p>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.</p> <p>Written notes of the inspections carried out, attached to the monthly reports on the implementation of the conditions of the EMP (referred to in items 134, 136) shall be prepared.</p>	Task implementation area	Contractor's Team	<p>Visual monitoring</p> <p>Checking the participation and agreement of required experts.</p>	During the Task implementation period, on an ongoing basis, at least once a week.
				Engineer's Team	<p>Visual monitoring.</p> <p>Checking the participation of required experts.</p> <p>Verification of the documentation submitted by the Contractor to the Engineer.</p>	During the Task implementation period, on an ongoing basis, at least once a month.
	Protection of wildlife	<p><b>Obtaining a decision allowing for derogations from the rules on the plant, fungi and animal species protection</b></p> <p>If before the commencement - as a part of one-off nature inventory indicated in the item 31 - or during the execution of works (see also item 33) 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 33 – 36):</p>	Task implementation area			

Environmental Management Plan

Contract 1.B.5/2 - Reconstruction of the bridge to ensure minimum clearance - road bridge in km 2.45 of the Warta River in Kostrzyn nad Odra

Item	Issue	Subject of monitoring	Place of monitoring	Responsible party	Monitoring method	Period and frequency of monitoring
33		a) The Contractor shall obtain and submit for the Engineer's approval a written opinion of the environmental supervision team (referred to in item 129) containing the definition of the necessity to obtain the decision referred to in item b), and then, if it proves necessary in the light of the opinion referred to above, it shall implement the measures referred to in items b-d (below);		Contractor's Team	Confirmation of the Contractor's execution of activities in a monthly report on the implementation of the Contract, supported by the reports from the site investigation, reports of the Contractor's environmental supervision team (referred to in item 129), etc. Checking the participation of the required experts in the Contractor's team and the progress of works on preparing the required opinion.	During the Task implementation period, in case of occurrence of a situation covered by the condition, on an ongoing basis, at least once a week.
				Engineer's Team	Verification of the documentation submitted by the Contractor to the Engineer. Ongoing inspections of the fulfilment of current duties by environmental experts in the Contractor's team. Checking the participation of required experts.	During the Task implementation period, in case of occurrence of a situation covered by the condition - on an ongoing basis, at least once a month.
34		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.		Contractor's Team	Checking the participation of the required experts in the Contractor's team and control of the progress of works on preparing applications and obtaining decisions.	During the Task implementation period, in case of occurrence of a situation covered by the condition, on an ongoing basis, at least once a week.
				Engineer's Team	Verification of the documentation submitted by the Contractor to the Engineer. Ongoing inspections of the fulfilment of current duties by Contractor's environmental supervision team. Checking the participation of required experts.	During the Task implementation period, in case of occurrence of a situation covered by the condition - on an ongoing basis, at least once a month.
35		c) the obtained decisions shall be submitted by the Contractor to the Engineer for information.		Contractor's Team	Confirmation of the Contractor's execution of activities in a monthly report on the implementation of the Contract.	During the Task implementation period, each time a situation covered by the condition occurs.
				Engineer's	Verification of the documentation	During the Task implementation

Environmental Management Plan

Contract 1.B.5/2 - Reconstruction of the bridge to ensure minimum clearance - road bridge in km 2.45 of the Warta River in Kostrzyn nad Odrą

Item	Issue	Subject of monitoring	Place of monitoring	Responsible party	Monitoring method	Period and frequency of monitoring
36		d) The Contractor shall precisely and timely implement the conditions contained in the above mentioned decisions (see also item 130).		Team	submitted by the Contractor to the Engineer.	period, each time a situation covered by the condition occurs.
				Contractor's Team	Visual monitoring. Confirmation of the Contractor's execution of activities in a monthly report on the implementation of the Contract, supported by the reports from the site investigation, reports of the experts of the Contractor's environmental supervision team (referred to in item 129), etc. Check of participation of required experts in the Contractor's team.	During the Task implementation period, in case of occurrence of a situation covered by the condition, on an ongoing basis, at least once a week.
				Engineer's Team	Visual monitoring. Verification of the documentation submitted by the Contractor to the Engineer. Ongoing inspections of the fulfilment of current duties by environmental experts in the Contractor's team. Checking the participation of required experts.	During the Task implementation period, in case of occurrence of a situation covered by the condition - on an ongoing basis, at least once a month.
37	Protection of wildlife	<b>Dates for execution of works in the Warta River channel and the Postomia River channel</b> Works interfering with the Warta River and Postomia River channels should be carried out outside the spawning and roe incubation period, i.e. outside the period from March 1 to June 30.	Task implementation area	Contractor's Team	Verification of the works schedule. Visual monitoring.	During the Task implementation period, on an ongoing basis, at least once a week.
				Engineer's Team	Verification of the documentation submitted by the Contractor to the Engineer. Visual monitoring.	During the Task implementation period, on an ongoing basis, at least once a month.
38	Protection of wildlife	<b>Permissible time limit to carry out demolition works of the bridge superstructure and the temporary bridge</b> The dismantling and demolition works, carried out over the water surface within the existing bridge and the temporary bridge, should be carried out between 1 September and the end of February.	Task implementation area	Contractor's Team	Verification of the works schedule. Visual monitoring	During the Task implementation period, on an ongoing basis, at least once a week.
				Engineer's Team	Verification of the documentation submitted by the Contractor to the Engineer. Visual monitoring.	During the Task implementation period, on an ongoing basis, at least once a month.
39	Protection of wildlife	<b>Minimising the scope and duration of works in river channels</b> The Contractor should limit both the time of the works in the channels and in the riparian zones of the Warta and Postomia Rivers as well as their	Task implementation area	Contractor's Team	Verification of the work schedule and construction site documents. Visual monitoring	During the Task implementation period, on an ongoing basis, at least once a week.
				Engineer's Team	Verification of the documentation submitted by the Contractor to the	During the Task implementation period, on an ongoing basis, at



Environmental Management Plan

Contract 1.B.5/2 - Reconstruction of the bridge to ensure minimum clearance - road bridge in km 2.45 of the Warta River in Kostrzyn nad Odra

Item	Issue	Subject of monitoring	Place of monitoring	Responsible party	Monitoring method	Period and frequency of monitoring
		spatial range to the minimum necessary.			Engineer. Visual monitoring.	least once a month.
40	Protection of wildlife	<b>Limiting the suspended solids inflow into water</b> Construction works, including dismantling and demolition works and digging out the bridge support elements (demolition works), carried out under the surface of water, shall be carried out in the shielding of steel sheet piling walls.	Task implementation area	Contractor's Team	Visual monitoring.	During the Task implementation period, on an ongoing basis, at least once a week.
				Engineer's Team	Visual monitoring. Verification of the documentation submitted by the Contractor to the Engineer.	During the Task implementation period, on an ongoing basis, at least once a month.
41	Protection of wildlife	<b>Restoration of habitats for lithophilous species</b> The spaces after the removed bridge bays should be filled with natural or near-natural material. The above mentioned activities should be carried out in consultation with the environmental supervision team of the Contractor (referred to in item 129), 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.	Task implementation area	Contractor's Team	Verification of the detailed design. Visual monitoring.	During the Task implementation period, on an ongoing basis, at least once a week.
				Engineer's Team	Verification of the documentation submitted by the Contractor to the Engineer. Visual monitoring.	During the Task implementation period, on an ongoing basis, at least once a month.
42	Protection of wildlife	<b>The works must be carried out in such a way as to avoid killing animals</b> 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 into the ground to the depth of not less than 15 cm. Determination of detailed location of fencing	Task implementation area	Contractor's Team	Visual monitoring. Checking the participation and agreement of required experts.	During the Task implementation period, on an ongoing basis, at least once a week.

Environmental Management Plan

Contract 1.B.5/2 - Reconstruction of the bridge to ensure minimum clearance - road bridge in km 2.45 of the Warta River in Kostrzyn nad Odrą

Item	Issue	Subject of monitoring	Place of monitoring	Responsible party	Monitoring method	Period and frequency of monitoring
		<p>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 129). When determining the location of the protection measures, particular consideration should be given to securing the construction site against the entry of amphibians by means of protective fences around the bay of the sailing club on the north side of the bridge and around the oxbow lakes on the south side of the bridge.</p> <p>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:</p> <p>a) during the period from 1 March to 31 August, these checks shall be carried out at least once every three days;</p> <p>b) from 1 September to the end of February, at least once every 10 days.</p>		Engineer's Team	<p>Visual monitoring.</p> <p>Checking the participation of required experts.</p> <p>Verification of the documentation submitted by the Contractor to the Engineer.</p>	During the Task implementation period, on an ongoing basis, at least once a month.
43	Protection of wildlife	<p><b>Protection of excavations</b></p> <p>The excavations shall be:</p> <ul style="list-style-type: none"> <li>secured to prevent animals from falling in and being accidentally trapped in them.</li> </ul> <p>Relocation of small animals from the Task implementation area should be carried out in accordance with the condition in item 44 concerning catching and transfer of small animals from the Task implementation area.</p>	Task implementation area	Contractor's Team	<p>Visual monitoring.</p> <p>Checking the participation and agreement of required experts.</p>	During the Task implementation period, on an ongoing basis, at least once a week.
		Engineer's Team		<p>Visual monitoring.</p> <p>Checking the participation of required experts.</p> <p>Verification of the documentation submitted by the Contractor to the Engineer.</p>	During the Task implementation period, on an ongoing basis, at least once a month.	

Environmental Management Plan

Contract 1.B.5/2 - Reconstruction of the bridge to ensure minimum clearance - road bridge in km 2.45 of the Warta River in Kostrzyn nad Odra

Item	Issue	Subject of monitoring	Place of monitoring	Responsible party	Monitoring method	Period and frequency of monitoring
44	Protection of wildlife	<p><b>Checks of places likely to form traps for small animals</b></p> <p>Every day, prior to the commencement of works, excavations and other places that could form traps for animals: amphibians, reptiles, small mammals shall be checked.</p> <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 for 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 130 will carry out inspections in accordance with the guidelines of herpetologist and mammalian fauna specialist (referred to in item 129), who will coordinate and indicate the places of release of trapped animals of different animal species.</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>	Task implementation area	Contractor's Team	Visual monitoring. Checking the participation and agreement of required experts.	During the Task implementation period, on an ongoing basis, at least once a week.
				Engineer's Team	Visual monitoring. Checking the participation of required experts. Verification of the documentation submitted by the Contractor to the Engineer.	During the Task implementation period, on an ongoing basis, at least once a month.
45	Protection of wildlife	<p><b>Prohibition of moving earth masses by pushing the material in the riverbed</b></p> <p>The Contractor is absolutely forbidden to move earth masses by pushing the material in the riverbed.</p>	Task implementation area	Contractor's Team	Visual monitoring.	During the Task implementation period, on an ongoing basis, at least once a week.
				Engineer's Team	Visual monitoring. Verification of the documentation submitted by the Contractor to the Engineer.	During the Task implementation period, on an ongoing basis, at least once a month.
46	Protection of wildlife	<p><b>Ensuring the ecological patency in the Postomia River mouth</b></p> <p>The Contractor should carry out all works executed</p>	Task implementation area	Contractor's Team	Verification of the detailed design. Visual monitoring.	During the Task implementation period, on an ongoing basis, at least once a week.

Environmental Management Plan

Contract 1.B.5/2 - Reconstruction of the bridge to ensure minimum clearance - road bridge in km 2.45 of the Warta River in Kostrzyn nad Odra

Item	Issue	Subject of monitoring	Place of monitoring	Responsible party	Monitoring method	Period and frequency of monitoring
		in the Postomia River mouth in such a way as to occupy at one time up to 10 m of its width, thus not affecting the remaining 80-90% of the mouth width of the river in question.		Engineer's Team	Visual monitoring. Verification of the documentation submitted by the Contractor to the Engineer.	During the Task implementation period, on an ongoing basis, at least once a month.
47	Protection of wildlife	<p><b>Ensuring the supply of river water to the oxbow lake in order to protect the oxbow lake area from drying out</b></p> <p>Works within the area of the oxbow lake, at the south-western bridgehead of the temporary bridge, carried out with the execution of a temporary embankment will be carried out by the Contractor with the use of a pipe culvert, ensuring the supply of river water to the oxbow lake area during flooding.</p>	Task implementation area	Contractor's Team	Verification of the detailed design. Visual monitoring.	During the Task implementation period, on an ongoing basis, at least once a week.
				Engineer's Team	Visual monitoring. Verification of the documentation submitted by the Contractor to the Engineer.	During the Task implementation period, on an ongoing basis, at least once a month.
48	Protection of wildlife	<p><b>Reduction of birds' mortality due to collisions with the newly built bridge infrastructure</b></p> <p>The bridge structural elements, elevated above the roadway, should be covered with bright colours and the bridge structure should be illuminated at night so that it is visible from a distance by flying birds. The execution of action in the scope of the permanent bridge lighting should also meet the conditions in item 50.</p>	Task implementation area	Contractor's Team	Verification of the detailed design. Visual monitoring.	During the Task implementation period, on an ongoing basis, at least once a week.
				Engineer's Team	Visual monitoring. Verification of the documentation submitted by the Contractor to the Engineer.	During the Task implementation period, on an ongoing basis, at least once a month.
49	Protection of wildlife	<p><b>Reduction of light pollution in the area of the "Warta Mouth" National Park - lighting of the temporary bridge and lighting for the time of the Task implementation</b></p> <p>The Contractor shall use the lighting of the temporary bridge facility and the Task implementation area directed in such a way as not to cause or to minimise the light pollution of the area of the "Warta Mouth" National Park (the condition should be understood as counteracting external risks to this Park). The Contractor will modify the method of implementation of the measure (direction of lighting) if it is found (by the environmental supervision of the Contractor, by the Engineer or the Director of the National Park) that it causes excessive light pollution of the National Park area.</p>	Task implementation area	Contractor's Team	Visual monitoring.	During the Task implementation period, on an ongoing basis, at least once a week.
				Engineer's Team	Visual monitoring. Verification of the documentation submitted by the Contractor to the Engineer.	During the Task implementation period, on an ongoing basis, at least once a month.

Environmental Management Plan

Contract 1.B.5/2 - Reconstruction of the bridge to ensure minimum clearance - road bridge in km 2.45 of the Warta River in Kostrzyn nad Odra

Item	Issue	Subject of monitoring	Place of monitoring	Responsible party	Monitoring method	Period and frequency of monitoring
		The activities shall be carried out with participation of the Contractor's environmental supervision team referred to in item 129.				
50	Protection of wildlife	<p><b>Reduction of light pollution in the area of the "Warta Mouth" National Park - permanent lighting of the designed bridge</b></p> <p>The Contractor will make the lighting of the designed bridge in the course of the national road No. 31 directed in such a way as not to cause or to minimise the light pollution of the area of the "Warta Mouth" National Park. Structural elements of the designed bridge structure elevated above the road level, in particular pylons, may only be illuminated for safety reasons.</p> <p>(the condition should be understood as preventing external risks to this Park).</p>		Contractor's Team	Verification of the detailed design. Visual monitoring.	During the Task implementation period, on an ongoing basis, at least once a week.
				Engineer's Team	Visual monitoring. Verification of the documentation submitted by the Contractor to the Engineer.	During the Task implementation period, on an ongoing basis, at least once a month.
51	Protection of wildlife	<p><b>Protection of birds</b></p> <p>The Contractor will execute the designed bridge construction, which will favour the reoccupation by the common house martin by using a rough surface of the bridge construction elements.</p>		Contractor's Team	Verification of the detailed design. Visual monitoring.	During the Task implementation period, on an ongoing basis, at least once a week.
				Engineer's Team	Visual monitoring. Verification of the documentation submitted by the Contractor to the Engineer.	During the Task implementation period, on an ongoing basis, at least once a month.
52	Protection of wildlife	<p><b>Minimising the impact of new infrastructure on fish</b></p> <p>To harden/reinforce the bank slopes in the underwater area, the Contractor will use natural stone material, which is a bottom substrate preferred by many fish species.</p>	Task implementation area	Contractor's Team	Verification of the detailed design. Visual monitoring.	During the Task implementation period, on an ongoing basis, at least once a week.
				Engineer's Team	Visual monitoring. Monitoring of the progress of works. Verification of the documentation submitted by the Contractor to the Engineer.	During the Task implementation period, on an ongoing basis, at least once a week.
53	Protection of wildlife	<p><b>Environmental supervision before and during the dismantling of the bridge and the conditions for carrying out dismantling works in terms of bat protection</b></p> <p>Prior to the commencement of the demolition works, it is required to carry out an inspection of the settlement by bats of niches in the bridge structure and in the objects planned to be demolished, that will be carried out by a bat fauna expert from the</p>	Task implementation area	Contractor's Team	Visual monitoring. Checking the participation and agreement of required experts.	During the Task implementation period, on an ongoing basis, at least once a week.
				Engineer's Team	Visual monitoring. Verification of the documentation submitted by the Contractor to the	During the Task implementation period, on an ongoing basis, at least once a month.

Environmental Management Plan

Contract 1.B.5/2 - Reconstruction of the bridge to ensure minimum clearance - road bridge in km 2.45 of the Warta River in Kostrzyn nad Odrą

Item	Issue	Subject of monitoring	Place of monitoring	Responsible party	Monitoring method	Period and frequency of monitoring
		Contractor's environmental supervision referred to in item 129. In case the presence of individuals of protected bat species is found, an administrative decision, as required by law, allowing derogations from the prohibitions applicable to protected animal species (if required in a given case) shall be obtained - see items 33 – 36.			Engineer. Checking the participation of required experts.	
54	Protection of wildlife	<p><b>Protection of native bivalve species</b> Excavated during the works in the Warta and Postomia riverbeds, they should be placed again in the watercourses where they will not be exposed to damage resulting from the investment.</p> <p>The action will be carried out with the participation of a fish fauna expert from the Contractor's environmental supervision.</p>	Task implementation area	Contractor's Team	Visual monitoring. Verification of the works schedule. Checking the participation of required experts.	During the Task implementation period, on an ongoing basis, at least once a week.
				Engineer's Team	Verification of the documentation submitted by the Contractor to the Engineer. Checking the participation of required experts. Visual monitoring.	During the Task implementation period, on an ongoing basis, at least once a month.
55	Protection of wildlife	<p><b>Minimising the impacts on amphibians and reptiles during the construction of a temporary bridge</b> The Contractor shall construct a temporary bridge embankment within the oxbow lake under the supervision of an expert herpetologist from the environmental supervision of the Contractor, referred to in item 129, in a way that minimises damage to amphibian and reptile species. In particular, the Contractor shall apply the embankment execution technology that minimises the land occupation within the area of the oxbow lake.</p>	Task implementation area	Contractor's Team	Visual monitoring. Verification of the works schedule. Checking the participation of required experts.	During the Task implementation period, on an ongoing basis, at least once a week.
				Engineer's Team	Verification of the documentation submitted by the Contractor to the Engineer. Checking the participation of required experts. Visual monitoring.	During the Task implementation period, on an ongoing basis, at least once a month.
56	Protection of wildlife	<p><b>Protection of amphibian habitats within the oxbow lake area against backfilling</b> The Contractor shall protect amphibian habitats in the area of the oxbow lake against possible backfilling.</p> <p>The action will be carried out with the participation of a herpetologist expert from the Contractor's environmental supervision, who will determine the</p>	Task implementation area	Contractor's Team	Visual monitoring. Verification of the works schedule. Checking the participation of required experts.	During the Task implementation period, on an ongoing basis, at least once a week.
				Engineer's Team	Verification of the documentation submitted by the Contractor to the Engineer. Checking the participation of required experts. Visual monitoring.	During the Task implementation period, on an ongoing basis, at least once a month.

Environmental Management Plan

Contract 1.B.5/2 - Reconstruction of the bridge to ensure minimum clearance - road bridge in km 2.45 of the Warta River in Kostrzyn nad Odrą

Item	Issue	Subject of monitoring	Place of monitoring	Responsible party	Monitoring method	Period and frequency of monitoring
		method of the habitat protection.				
57	Protection of wildlife	<b>Relocation of amphibians during works within the oxbow lake area</b> Expert herpetologist from the environmental supervision of the Contractor, as a part of the supervision of the works within the oxbow lake, will transfer any appearing amphibian individuals outside the area covered by the works to the sites proper in terms of habitat.	Task implementation area	Contractor's Team	Visual monitoring. Verification of the works schedule. Checking the participation of required experts.	During the Task implementation period, on an ongoing basis, at least once a week.
				Engineer's Team	Verification of the documentation submitted by the Contractor to the Engineer. Checking the participation of required experts. Visual monitoring.	During the Task implementation period, on an ongoing basis, at least once a month.
58	Protection of wildlife	<b>Protection of natural habitat patches</b> The contractor, under the supervision of a botanist expert, the environmental supervision team referred to in item 129, shall protect the following habitat patches, visibly against damage, at the place of foundation of the temporary bridge and the new bridge: <ul style="list-style-type: none"> <li>• <b>91E0*– Willow, poplar, alder and ash riparian forests</b> (<i>Salicetum albo-fragilis</i>, <i>Populetum albae</i>, <i>Alnenion glutinoso-incanae</i>, alder carrs), in the locations: 1) on the right bank of the Warta River, 2) on the left bank of the Postomia River, 3) near the left, south-western bridgehead of the temporary bridge, on its southern side,</li> <li>• <b>3150 - Oxbow lakes and natural eutrophic reservoirs</b> with communities with <i>Nympheion</i>, <i>Potamion</i>, in the location: 1) by the south-western bridgehead of the temporary bridge, on its southern side; 2) by the left, south-western bridgehead of the new bridge, on its northern side.</li> <li>• 6430 riverside herb vegetation (<i>Convolvuletalia sepium</i>)</li> </ul> The method of protection shall be agreed upon by the Engineer. The Contractor shall monitor the condition of the protection and carry out necessary repairs.	Task implementation area	Contractor's Team	Checking the participation of required experts. Visual monitoring.	During the Task implementation period, on an ongoing basis, at least once a week.
				Engineer's Team	Checking the participation of required experts. Verification of the documentation submitted by the Contractor to the Engineer. Visual monitoring.	During the Task implementation period, on an ongoing basis, at least once a month.
I	<b>REQUIREMENTS FOR THE RESTORATION OF NATURAL RESOURCES AFTER COMPLETION OF CONSTRUCTION</b>					

Environmental Management Plan

Contract 1.B.5/2 - Reconstruction of the bridge to ensure minimum clearance - road bridge in km 2.45 of the Warta River in Kostrzyn nad Odra

Item	Issue	Subject of monitoring	Place of monitoring	Responsible party	Monitoring method	Period and frequency of monitoring
	Protection of wildlife Protection of soils	<b>Arrangement of the area after completion of the works, restoration of the humus layer and execution of greenery areas</b> After the completion of works one shall:	Task implementation area			
59		a) dismantle the construction site backup facilities and technological roads and yards, and transport the materials from the dismantling outside the Task implementation area to a predefined destination (accepted by the Engineer);		Contractor's Team	Visual monitoring.	During the Task implementation period, on an ongoing basis, at least once a week.
				Engineer's Team	Visual monitoring. Verification of the documentation submitted by the Contractor to the Engineer.	During the Task implementation period, on an ongoing basis, at least once a month.
60		b) after the completion of the investment, the embankment for the temporary bridge facility should be decommissioned;		Contractor's Team	Visual monitoring. Checking the participation and agreement of required experts.	During the Task implementation period, on an ongoing basis, at least once a week.
				Engineer's Team	Visual monitoring. Verification of the documentation submitted by the Contractor to the Engineer. Checking the participation and agreement of required experts.	During the Task implementation period, on an ongoing basis, at least once a month.
61		c) within the boundaries of the Task implementation area, restore the fertile soil layer (e.g. with the use of humus collected from the works area in accordance with the conditions specified in items 21 - 26) in accordance with the land development plan - greenery;		Contractor's Team	Visual monitoring. Checking the participation and agreement of required experts.	During the Task implementation period, on an ongoing basis, at least once a week.
				Engineer's Team	Visual monitoring. Verification of the documentation submitted by the Contractor to the Engineer. Checking the participation and agreement of required experts.	During the Task implementation period, on an ongoing basis, at least once a month.
62		d) carry out measures to support the restoration of green areas (including grass sowing) in accordance with the land development plan.		Contractor's Team	Visual monitoring. Checking the participation and agreement of required experts.	During the Task implementation period, on an ongoing basis, at least once a week.
			Engineer's Team	Visual monitoring. Verification of the documentation submitted by the Contractor to the Engineer. Checking the participation and agreement of required experts.	During the Task implementation period, on an ongoing basis, at least once a month.	



Environmental Management Plan

Contract 1.B.5/2 - Reconstruction of the bridge to ensure minimum clearance - road bridge in km 2.45 of the Warta River in Kostrzyn nad Odra

Item	Issue	Subject of monitoring	Place of monitoring	Responsible party	Monitoring method	Period and frequency of monitoring
63		e) ensure adequate maintenance of restored green areas, including double mowing of the grass with harvesting and removal of the swath (by the end of the Defects Notification Period)		Contractor's Team	Visual monitoring. Checking the participation and agreement of required experts.	During the Task implementation period, on an ongoing basis, at least once a week.
				Engineer's Team	Visual monitoring. Verification of the documentation submitted by the Contractor to the Engineer. Checking the participation and agreement of required experts.	During the Task implementation period, on an ongoing basis, at least once a month.
64	Protection of wildlife Protection of soils	<p><b>Restoration of damaged part of the oxbow lake</b></p> <p>The contractor will reconstruct the damaged part of the oxbow lake after the completion of the planned bridge and decommissioning of the temporary bridge.</p> <p>The scope, method of execution and time schedule of the required actions are presented in the Attachment 8 to the EMP.</p> <p>The method, in which the condition is fulfilled, will be described by the Contractor in the Quality Assurance Plan, which must be approved by the Engineer prior to the commencement of works included in it.</p>		Contractor's Team	Visual monitoring. Checking the participation and agreement of required experts.	During the Task implementation period, on an ongoing basis, at least once a week.
				Engineer's Team	Visual monitoring. Verification of the documentation submitted by the Contractor to the Engineer. Checking the participation and agreement of required experts.	During the Task implementation period, on an ongoing basis, at least once a month.
65	Protection of wildlife Protection of soils	<p><b>Land reclamation under the bridge flyovers</b></p> <p>The contractor should carry out reclamation of the land on both sides of the river under the flyovers of the new bridge by reconstructing the soil layer and the plant cover. The scope, method of execution and the time schedule for the required actions are presented in the Attachment 8 to the EMP. The aim of the implementation of the actions is to preserve the areas enabling migration of animals through the Warta River and Postomia River valleys and the land strip of the "Warta Mouth" National Park", and in particular not to deteriorate their sustainability.</p> <p>The method, in which the condition is fulfilled, will be described by the Contractor in the Quality Assurance Plan, which must be approved by the Engineer prior to the commencement of works</p>		Contractor's Team	Visual monitoring. Checking the participation and agreement of required experts.	During the Task implementation period, on an ongoing basis, at least once a week.
				Engineer's Team	Visual monitoring. Verification of the documentation submitted by the Contractor to the Engineer. Checking the participation and agreement of required experts.	During the Task implementation period, on an ongoing basis, at least once a month.

Environmental Management Plan

Contract 1.B.5/2 - Reconstruction of the bridge to ensure minimum clearance - road bridge in km 2.45 of the Warta River in Kostrzyn nad Odrą

Item	Issue	Subject of monitoring	Place of monitoring	Responsible party	Monitoring method	Period and frequency of monitoring
		included in it.				
66	Protection of wildlife	<p><b>Restriction of the spread of alien plant species</b></p> <p>The spread along the Warta, Odra and Postomia rivers of ecologically and geographically alien species of invasive synanthropic plants should be limited by immediately sowing the exposed soil with seeds of native plant species; in areas where there is a risk of 'blowing out the seeds', the sowing should be covered with a fixed biodegradable biotextile, alternatively a biodegradable biotextile with sewn-in grass seeds may be used.</p> <p>The method, in which the condition is fulfilled, will be described by the Contractor in the Quality Assurance Plan, which must be approved by the Engineer prior to the commencement of works included in it.</p>		Contractor's Team	Visual monitoring. Checking the participation and agreement of required experts.	During the Task implementation period, on an ongoing basis, at least once a week.
		<p>The actions described in items 61 - 66 shall be carried out by the Contractor under the supervision of a botanist-phytosociologist expert (referred to in item 129), including inter alia:</p> <ul style="list-style-type: none"> <li>- agreeing on precise dates for works;</li> <li>- agreeing on a detailed location of humus utilisation sites;</li> </ul>		Engineer's Team	Visual monitoring. Verification of the documentation submitted by the Contractor to the Engineer. Checking the participation and agreement of required experts.	During the Task implementation period, on an ongoing basis, at least once a month.

Environmental Management Plan

Contract 1.B.5/2 - Reconstruction of the bridge to ensure minimum clearance - road bridge in km 2.45 of the Warta River in Kostrzyn nad Odrą

Item	Issue	Subject of monitoring	Place of monitoring	Responsible party	Monitoring method	Period and frequency of monitoring
		<ul style="list-style-type: none"> <li>- agreeing on the species composition of grass mixtures;</li> <li>- agreeing on the way of carrying out the works and collecting plant material for the reconstruction of the oxbow lake;</li> <li>- agreeing on the rules of maintenance of the designed green areas;</li> <li>- submission of the results of the above mentioned arrangements for the Engineer's approval;</li> <li>- 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).</li> </ul>				
67	Protection of wildlife	<p><b>Protective operation within the "Warta Mouth" National Park</b></p> <p>The contractor shall execute protective operation within the "Warta Mouth" National Park in the scope of:</p> <ul style="list-style-type: none"> <li>a) exposure, by removal of vegetation and topsoil containing roots and stolons, from the so-called "Somer Island" located in the final stretch of the Postomia River.</li> <li>b) preparation of rock and sandy substrate within the "Somer Island " border to create a habitat for terns, gulls and Charadriiformes.</li> </ul> <p>The scope of action, agreed with the Director of the "Warta Mouth" National Park is described in the Attachment 9 to the EMP.</p> <p>The activities will be carried out by the Contractor with the participation of the environmental supervision experts (referred to in item 126) and under the supervision of the Director of the "Warta Mouth" National Park.</p> <p>The Contractor will agree with the Director of the</p>	Task implementati on area	Contractor's Team	Visual monitoring. Checking the participation and agreement of required experts.	During the Task implementation period, on an ongoing basis, at least once a week.

Environmental Management Plan

Contract 1.B.5/2 - Reconstruction of the bridge to ensure minimum clearance - road bridge in km 2.45 of the Warta River in Kostrzyn nad Odrą

Item	Issue	Subject of monitoring	Place of monitoring	Responsible party	Monitoring method	Period and frequency of monitoring
		"Warta Mouth" National Park the dates and selection of methods and intensity of works and will describe how the condition is implemented in the Quality Assurance Plan, which must be approved by the Engineer prior to the commencement of works included in it.		Engineer's Team	Visual monitoring. Verification of the documentation submitted by the Contractor to the Engineer. Checking the participation and agreement of required experts.	During the Task implementation period, on an ongoing basis, at least once a month.
68	Protection of wildlife	<p><b>Compensatory tree planting</b></p> <p>Before the deadline of the Time for Completion of works, the Contractor shall carry out compensatory tree planting within properties managed by the "Warta Mouth" National Park in a number not less than a number of trees removed within the Contract and shall ensure that the trees are kept in proper condition (until the end of the Defects Notification Period).</p> <p>The measure will be carried out by the Contractor with the participation of the expert dendrologist and phytosociologist of the environmental supervision of the Contractor (referred to in item 129).</p> <p>The Contractor will agree with the Director of the "Warta Mouth" National Park the method, in which the measure is fulfilled and will described it in the Quality Assurance Plan. Prior to the commencement of works included in it, the Quality Assurance Plan must be approved by the Engineer and the Director of the "Warta Mouth" National Park.</p>	Task implementation area	Contractor's Team	Visual monitoring. Checking the participation and agreement of required experts.	During the Task implementation period, on an ongoing basis, at least once a week.
				Engineer's Team	Visual monitoring. Verification of the documentation submitted by the Contractor to the Engineer. Checking the participation and agreement of required experts.	During the Task implementation period, on an ongoing basis, at least once a month.
69	Protection of wildlife	<p><b>Compensatory measures for birds</b></p> <p>10 nesting boxes should be installed on the riverside trees growing in the vicinity of the bridge at the distance of up to 300 m from the bridge in question - 5 pieces of B-type boxes (inhabited, inter alia, by the common starling) and 5 pieces of semi-open boxes (P-type, inhabited, inter alia, by the black redstart and the white wagtail).</p> <p>The Contractor shall carry out the activity under the supervision of the bird fauna expert referred to in item 129. , who shall submit to the Engineer the documentation on the implementation of the</p>	Task implementation area	Contractor's Team	Visual monitoring. Checking the participation and agreement of required experts.	During the Task implementation period, on an ongoing basis, at least once a week.
				Engineer's Team	Visual monitoring. Verification of the documentation submitted by the Contractor to the Engineer. Checking the participation and agreement of required experts.	During the Task implementation period, on an ongoing basis, at least once a month.

Environmental Management Plan

Contract 1.B.5/2 - Reconstruction of the bridge to ensure minimum clearance - road bridge in km 2.45 of the Warta River in Kostrzyn nad Odra

Item	Issue	Subject of monitoring	Place of monitoring	Responsible party	Monitoring method	Period and frequency of monitoring
		activity, including, inter alia, the location of the boxes (including GPS coordinates). The activity should not be carried out before the beginning of the breeding season taking place after the felling of trees. During the Task implementation period, the Contractor will carry out an annual check on the settlement and technical condition of the boxes and will reconstruct them in case of damage.				
<b>J REQUIREMENTS FOR THE PREVENTION OF ENVIRONMENTAL POLLUTION (INCLUDING THE LIMITATION OF EMISSIONS INTO THE ENVIRONMENT)</b>						
<b>70</b>	Protection of water and soils Protection of wildlife	<b>Use of construction materials complying with the regulations and standards and environmentally friendly</b> 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 certification and be approved for use.	Task implementation area	Contractor's Team	Visual monitoring. Verification of the material documentation.	During the Task implementation period, on an ongoing basis, at least once a week.
				Engineer's Team	Visual monitoring. Verification of the documentation submitted by the Contractor to the Engineer.	During the implementation period, on an ongoing basis, at least once a month.
<b>71</b>	Protection of acoustic climate Protection of health and safety of people	<b>Use of quiet road surface</b> For the entire section of the planned road, the Contractor will use a so-called quiet surface with the noise level reduced by 6 dB compared to the standard one.	Task implementation area	Contractor's Team	Verification of the detailed design. Visual monitoring.	During the Task implementation period, on an ongoing basis, at least once a week.
				Engineer's Team	Visual monitoring. Verification of the documentation submitted by the Contractor to the Engineer.	During the Task implementation period, on an ongoing basis, at least once a month.
<b>72</b>	Protection of air	<b>Reducing emissions of offensive substances</b> In order to limit the evaporation of offensive substances, the Contractor will carry out the pavement works during the warm period as far as possible.	Task implementation area	Contractor's Team	Visual monitoring.	During the Task implementation period, on an ongoing basis, at least once a week.
				Engineer's Team	Visual monitoring. Verification of the documentation submitted by the Contractor to the Engineer.	During the Task implementation period, on an ongoing basis, at least once a month.

Environmental Management Plan

Contract 1.B.5/2 - Reconstruction of the bridge to ensure minimum clearance - road bridge in km 2.45 of the Warta River in Kostrzyn nad Odra

Item	Issue	Subject of monitoring	Place of monitoring	Responsible party	Monitoring method	Period and frequency of monitoring
73	Protection of water	<p><b>Drainage of rainwater from newly designed infrastructure</b></p> <p>The Contractor will carry out a drainage system to drain the rainwater and snowmelt from the bridge and the reconstructed road system by means of rainwater drainage in accordance with the construction design as follows:</p> <ul style="list-style-type: none"> <li>from the southern side of the bridge structure, after pre-treatment, through the bank outlet to the receiving body of Postomia River in the Delfin Sailing Club area;</li> <li>connect the drainage of the bridge structure to the designed sewer, gullies connected with the extended road system of the Sikorskiego Street and the gullies from the Mostowa Street.</li> </ul>	Task implementation area	Contractor's Team	Verification of the detailed design. Visual monitoring.	During the Task implementation period, on an ongoing basis, at least once a week.
				Engineer's Team	Visual monitoring. Verification of the documentation submitted by the Contractor to the Engineer.	During the Task implementation period, on an ongoing basis, at least once a month.
74	Protection of water	<p><b>Protection of water against pollution during execution of works on the bridge</b></p> <p>Demolition of the existing bridge structure consisting in crushing and cutting out the construction material, shall be carried out by the Contractor with the use of protections allowing to remove all construction material from the demolition area outside the area of works, including the use of protective and catching nets / protective sheets.</p>	Task implementation area	Contractor's Team	Visual monitoring.	During the Task implementation period, on an ongoing basis, at least once a week.
				Engineer's Team	Visual monitoring. Verification of the documentation submitted by the Contractor to the Engineer.	During the Task implementation period, on an ongoing basis, at least once a month.
75	Protection of water	<p><b>Protection of water against pollution during the construction of a new bridge and the assembly and disassembly of the temporary bridge.</b></p> <p>The construction of a new bridge and the assembly and disassembly of the temporary bridge will be carried out in such a way as to protect the river from litter, waste or material falling into it. The Contractor shall present the method of protection for the Engineer's approval.</p>	Task implementation area	Contractor's Team	Visual monitoring.	During the Task implementation period, on an ongoing basis, at least once a week.
				Engineer's Team	Visual monitoring. Verification of the documentation submitted by the Contractor to the Engineer.	During the Task implementation period, on an ongoing basis, at least once a month.

Environmental Management Plan

Contract 1.B.5/2 - Reconstruction of the bridge to ensure minimum clearance - road bridge in km 2.45 of the Warta River in Kostrzyn nad Odra

Item	Issue	Subject of monitoring	Place of monitoring	Responsible party	Monitoring method	Period and frequency of monitoring
76	Protection of water and soils Noise protection Protection of air	<b>Technical efficiency and inspections of equipment, machinery, devices, vehicles and vessels</b> <ul style="list-style-type: none"> <li>The equipment used during the construction must be fully operational and comply with the requirements for its release into service so as to ensure proper protection of the ground, surface water and groundwater against pollution, protection against the emission of dust and gases into the air and protection against the emission of noise into the environment.</li> <li>The Contractor shall carry out ongoing (i.e. at least before start-up and after completion of works) inspections of equipment, machines, devices, vehicles and vessels and, in particular, shall eliminate by available organisational means the possibility of any contamination penetration into the soil and water environment, including in particular the occurrence of spillage of fuels, hydraulic oils and oil derivatives, both during handling, transport and operation of equipment, machines, devices, vehicles and vessels.</li> </ul>	Task implementation area	Contractor's Team	Visual monitoring, verification of technical documentation of machinery.	During the Task implementation period, on an ongoing basis, at least once a week.
				Engineer's Team	Visual monitoring. Verification of the documentation submitted by the Contractor to the Engineer.	During the Task implementation period, on an ongoing basis, at least once a month.
77	Protection of water and soil	<b>Preventing the emission of petroleum-derivative pollutants</b> 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.	Task implementation area	Contractor's Team	Visual monitoring. Verification of documentation concerning organisation construction site backup facilities.	During the Task implementation period, on an ongoing basis, at least once a week.
				Engineer's Team	Visual monitoring. Verification of the documentation submitted by the Contractor to the Engineer.	During the Task implementation period, on an ongoing basis, at least once a month.
78	Protection of water and soil	<b>Procedure in case of emissions of petroleum-derivative pollutants</b> In the event of an emergency leakage of petroleum-derivative substances or other substances harmful to the soil and water environment, it is necessary to proceed with the immediate neutralisation of the	Task implementation area	Contractor's Team	Visual monitoring. Verification of documentation concerning waste management.	During the Task implementation period - prophylactically on an ongoing basis, at least once a week, and each time in case of occurrence of circumstances covered by the condition.

Environmental Management Plan

Contract 1.B.5/2 - Reconstruction of the bridge to ensure minimum clearance - road bridge in km 2.45 of the Warta River in Kostrzyn nad Odra

Item	Issue	Subject of monitoring	Place of monitoring	Responsible party	Monitoring method	Period and frequency of monitoring
		leakage, its collection and transfer to entities authorised to manage waste for disposal in accordance with the established spillage procedure indicated in item 117. In the case of major accidents, use the procedures described in item 115.		Engineer's Team	Visual monitoring. Verification of the documentation submitted by the Contractor to the Engineer.	During the Task implementation period - on an ongoing basis, at least once a month, and each time in case of occurrence of circumstances covered by the condition.
79	Protection of water and soil	<b>Leakage neutralisation means</b> In the area of Task implementation, i.e. within the construction site backup facilities and in the immediate vicinity of the works being carried out, the Contractor shall provide means to neutralise possible leaks and waste. Adequate quantities of these agents (e.g. sorbents), suitable for use on solid surfaces and water surfaces, must be provided.	Task implementation area	Contractor's Team	Visual monitoring. Verification of documentation concerning organisation of works.	During the Task implementation period, on an ongoing basis, at least once a week.
				Engineer's Team	Visual monitoring. Verification of the documentation submitted by the Contractor to the Engineer.	During the Task implementation period, on an ongoing basis, at least once a month.
80	Protection of waters	<b>Having oil booms on water</b> 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.	Task implementation area	Contractor's Team	Visual monitoring. Verification of documentation concerning organisation of works.	During the Task implementation period, on an ongoing basis, at least once a week.
				Engineer's Team	Visual monitoring. Verification of the documentation submitted by the Contractor to the Engineer.	During the Task implementation period, on an ongoing basis, at least once a month.
81	Protection of water and soil	<b>Environmentally safe storage of materials and raw materials</b> Materials and substances to be used in the implementation phase whose emissions to the environment may cause environmental damage, should only be stored in suitable containers, in dedicated locations, in an environmentally safe manner.	Task implementation area	Contractor's Team	Visual monitoring. Verification of documentation concerning organisation of works.	During the Task implementation period, on an ongoing basis, at least once a week.
				Engineer's Team	Visual monitoring. Verification of the documentation submitted by the Contractor to the Engineer.	During the Task implementation period, on an ongoing basis, at least once a month.
82	Protection of acoustic climate	<b>Restricting works to daytime</b> Construction works in the vicinity of areas under protection against noise (in the area of the Mostowa Street) shall only be carried out during the daytime (6:00 - 22:00 hours) using equipment and technologies that allow to ensure the reduction of noise emission).	Task implementation area	Contractor's Team	Visual monitoring.	During the Task implementation period, on an ongoing basis, at least once a week.
				Engineer's Team	Visual monitoring.	During the Task implementation period, on an ongoing basis, at least once a month.



Environmental Management Plan

Contract 1.B.5/2 - Reconstruction of the bridge to ensure minimum clearance - road bridge in km 2.45 of the Warta River in Kostrzyn nad Odrą

Item	Issue	Subject of monitoring	Place of monitoring	Responsible party	Monitoring method	Period and frequency of monitoring
83	Protection of acoustic climate Protection of wildlife	<b>Minimisation of impacts on the fauna of the "Warta Mouth" National Park</b> Investment works, understood as the dismantling and construction of individual parts of the temporary bridge structure can be carried out between dawn and dusk.	Task implementation area	Contractor's Team	Visual monitoring.	During the Task implementation period, on an ongoing basis, at least once a week.
				Engineer's Team	Visual monitoring.	During the Task implementation period, on an ongoing basis, at least once a month.
84	Protection of acoustic climate Protection of air	<b>Reduction of noise and exhaust emissions from equipment, machinery, devices, vehicles and vessels</b> During the Task implementation period, as least acoustically onerous as possible technologies of execution of construction works should be used, e.g. use pumps for drainage with low noise emission or equipped with effective noise protection, switch off engines and devices not in operation at a given time, limit the working time of engines at the highest revolutions, limit the simultaneous use of vehicles, machines and devices with significant noise emission, maintain good work organisation.	Task implementation area	Contractor's Team	Visual monitoring, verification of technical documentation of machinery and equipment.	During the Task implementation period, on an ongoing basis, at least once a week.
				Engineer's Team	Visual monitoring. Verification of the documentation submitted by the Contractor to the Engineer.	During the Task implementation period, on an ongoing basis, at least once a month.
	Protection of air Protection of acoustic climate	<b>Reduction of air pollution by exhaust gases</b> In order to reduce the negative impact on the air condition:	Task implementation area			
85	acoustic climate	a) avoid leaving machines and vehicles in idle gears during breaks in their operation;		Contractor's Team	Visual monitoring.	During the Task implementation period, on an ongoing basis, at least once a week.
				Engineer's Team	Visual monitoring.	During the Task implementation period, on an ongoing basis, at least once a month.
86		b) vehicles should be parked with the engine stopped.		Contractor's Team	Visual monitoring.	During the Task implementation period, on an ongoing basis, at least once a week.
			Engineer's Team	Visual monitoring.	During the Task implementation period, on an ongoing basis, at least once a month.	
87	Protection of health and safety of	<b>Informing local residents</b> Prior to the commencement of works, the Contractor shall inform the residents in the vicinity	Task implementation area	Contractor's Team	Monitoring progress on the preparation of the meeting and the announcement. Visual monitoring.	During the implementation of the Task, on an ongoing basis, at least once a week until the

Environmental Management Plan

Contract 1.B.5/2 - Reconstruction of the bridge to ensure minimum clearance - road bridge in km 2.45 of the Warta River in Kostrzyn nad Odra

Item	Issue	Subject of monitoring	Place of monitoring	Responsible party	Monitoring method	Period and frequency of monitoring
	people	of the Task implementation area about the planned works by announcing them in the local press and organising an information meeting.				condition is implemented.
				Engineer's Team	Visual monitoring. Verification of the documentation submitted by the Contractor to the Engineer.	During the implementation of the Task, on an ongoing basis, at least once a month until the condition is implemented.
88	Protection of acoustic climate	<b>Protection of local residents and the National Park area against noise</b> The Contractor shall apply technical solutions ensuring proper acoustic conditions, in particular in the vicinity of the existing buildings, and if necessary (including at the Engineer's request) it shall use portable acoustic barriers.	Task implementation area	Contractor's Team	Visual monitoring. Verification of documentation concerning organisation of works.	During the Task implementation period, on an ongoing basis, at least once a week.
				Engineer's Team	Visual monitoring. Verification of the documentation submitted by the Contractor to the Engineer.	During the Task implementation period, on an ongoing basis, at least once a month.
89	Protection of air	<b>Reduction of dusting from construction site and roads</b> During the implementation of the Task, the effects of secondary dusting shall be reduced, in particular by: <ul style="list-style-type: none"> <li>systematic cleaning of the construction site and the construction site backup facilities;</li> <li>spraying dusty road surfaces;</li> <li>use of tight tarpaulins on vehicles transporting materials that may cause dusting during transport;</li> <li>cleaning vehicle wheels before leaving for access roads to the Task implementation area.</li> </ul>	Task implementation area	Contractor's Team	Visual monitoring.	During the Task implementation period, on an ongoing basis, at least once a week.
				Engineer's Team	Visual monitoring. Verification of the documentation submitted by the Contractor to the Engineer.	During the Task implementation period, on an ongoing basis, at least once a month.
90	Protection of water and soil	<b>Maintenance of cleanliness on the roads</b> In order to maintain cleanliness on the roads, the following measures shall be taken: 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.	Task implementation area together with access roads	Contractor's Team	Visual monitoring.	During the Task implementation period, on an ongoing basis, at least once a week.

Environmental Management Plan

Contract 1.B.5/2 - Reconstruction of the bridge to ensure minimum clearance - road bridge in km 2.45 of the Warta River in Kostrzyn nad Odra

Item	Issue	Subject of monitoring	Place of monitoring	Responsible party	Monitoring method	Period and frequency of monitoring
		<p>b) In places where heavy equipment leaves the construction site, the Contractor shall install stands where initial removal of soil or mud from vehicle wheels will take place.</p> <p>c) The Contractor shall be obliged to immediately and systematically remove any and all pollutants generated on the roads as the result of the traffic of vehicles, machines and equipment related to the Task implementation.</p>		Engineer's Team	Visual monitoring. Verification of the documentation submitted by the Contractor to the Engineer.	During the Task implementation period, on an ongoing basis, at least once a month.
91	Protection of water and soil	<p><b>Hardening of the construction site and technological roads</b></p> <p>The area of the construction site backup facilities and all technological roads and other places where vehicles, machines and equipment will move should be hardened and made tight with a technology related to the used equipment. The applied technology is subject to approval as a part of the Project's approval of the construction site organisation.</p>	Task implementation area	Contractor's Team	Visual monitoring.	During the Task implementation period, on an ongoing basis, at least once a week.
				Engineer's Team	Visual monitoring. Verification of the documentation submitted by the Contractor to the Engineer.	During the Task implementation period, on an ongoing basis, at least once a month.
92	Protection of water and soil	<p><b>Protection of the ground surface within the construction site backup facilities against contamination</b></p> <p>The construction site should be organised in such a way as to protect the ground from contamination, including zones where a parking space for the machinery and vehicles working on the construction site will be located, parking spaces for employees, places for refuelling vehicles, places for storing hazardous materials (e.g. fuels, lubricants, solvents, paints), and places for storing hazardous waste should be made tight (lined with insulating materials) before any hazardous substances could get into the ground and water environment, The applied technology is subject to approval as a part of the Project's approval of the construction site organisation.</p>	Task implementation area	Contractor's Team	Visual monitoring.	During the Task implementation period, on an ongoing basis, at least once a week.
				Engineer's Team	Visual monitoring. Verification of the documentation submitted by the Contractor to the Engineer.	During the Task implementation period, on an ongoing basis, at least once a month.

Environmental Management Plan

Contract 1.B.5/2 - Reconstruction of the bridge to ensure minimum clearance - road bridge in km 2.45 of the Warta River in Kostrzyn nad Odra

Item	Issue	Subject of monitoring	Place of monitoring	Responsible party	Monitoring method	Period and frequency of monitoring
93	Protection of water and soil	<b>Refuelling rules for vehicles, machinery and equipment</b> Refuelling should be carried out using mobile or stationary fuel distribution points with appropriate safeguards, such as a stand with sorbent for the elimination of any leakages and spillage to the ground.	Task implementation area	Contractor's Team	Visual monitoring.	During the Task implementation period, on an ongoing basis, at least once a week.
				Engineer's Team	Visual monitoring. Verification of the documentation submitted by the Contractor to the Engineer.	During the Task implementation period, on an ongoing basis, at least once a month.
94	Protection of water and soil	<b>Rules for parking construction and transport equipment</b> 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. Faulty equipment shall be immediately taken out of the area of the Task implementation to the place of its repair.	Task implementation area	Contractor's Team	Visual monitoring.	During the Task implementation period, on an ongoing basis, at least once a week.
				Engineer's Team	Visual monitoring. Verification of the documentation submitted by the Contractor to the Engineer.	During the Task implementation period, on an ongoing basis, at least once a month.
95	Protection of water and soils	<b>Ban on refuelling vehicles and construction equipment in the area of execution of works</b> The refuelling of vehicles and construction equipment shall be carried outside the area of execution of works.	Task implementation area	Contractor's Team	Visual monitoring.	During the Task implementation period, on an ongoing basis, at least once a week.
				Engineer's Team	Visual monitoring. Verification of the documentation submitted by the Contractor to the Engineer.	During the Task implementation period, on an ongoing basis, at least once a month.
96	Protection of water and soils	<b>Precipitation water management</b> Protect the area of the tight surface against rainwater run-off directly into the ground by using bands, and pre-treat the water collected from this surface in settling tanks before discharge. The method of implementation of the measure shall be subject to approval as a part of the approval of the site organisation project.	Task implementation area	Contractor's Team	Visual monitoring.	During the Task implementation period, on an ongoing basis, at least once a week.
				Engineer's Team	Visual monitoring. Verification of the documentation submitted by the Contractor to the Engineer.	During the Task implementation period, on an ongoing basis, at least once a month.
<b>K</b>	<b>REQUIREMENTS FOR WASTE AND WASTE WATER MANAGEMENT</b>					
97	Protection of water and soils	<b>Preparation of Waste Management Plan (WMP)</b> Prior to the commencement of works, the Contractor shall prepare a Waste Management Plan,	Task implementation area	Contractor's Team	Control of the progress of works on the preparation of documents. Control of the submission of	During the Task implementation period, on an ongoing basis, at least once a week until the

Environmental Management Plan

Contract 1.B.5/2 - Reconstruction of the bridge to ensure minimum clearance - road bridge in km 2.45 of the Warta River in Kostrzyn nad Odrą

Item	Issue	Subject of monitoring	Place of monitoring	Responsible party	Monitoring method	Period and frequency of monitoring
		including waste from the bridge demolition, and shall obtain its approval by the Engineer. (see item 6.13 of the EMP text).			documents to the Engineer	condition is met.
				Engineer's Team	Verification of the documentation submitted by the Contractor to the Engineer.	One time, prior to the commencement of works, verification and acceptance of the document.
98	Protection of water and soils Protection of air	<b>Waste management rules</b> For the Waste generated during the Task implementation, including demolition works, one shall: <ul style="list-style-type: none"> <li>segregate and store the waste selectively in a separate location in conditions that prevent dusting and blowing off light fractions and their negative impact on the environment;</li> <li>ensure their successive receipt by entities authorised to further manage them.</li> </ul>	Task implementation area	Contractor's Team	Visual monitoring. Verification of documentation concerning waste management.	During the Task implementation period, on an ongoing basis, at least once a week.
				Engineer's Team	Visual monitoring. Verification of the documentation submitted by the Contractor to the Engineer.	During the Task implementation period, on an ongoing basis, at least once a month.
99	Protection of water and soils	<b>Waste management in the light of protection of the natural and landscape values of the "Warta Mouth" National Park</b> 1) The contractor shall not locate a place for waste within the boundaries of the "Warta Mouth" National Park and protected natural habitats. 2) The Contractor shall apply all possible technical and organisational solutions to protect the space of the "Warta Mouth" National Park, and in particular the Postomia River bed, as well as identified habitats and species, which are the objects of protection of the Natura 2000 Warta Mouth PLC080001 network areas, against pollution by demolition materials and materials used during demolition and bridge construction as well as construction and disassembling of the temporary bridge. 3) Where for technological reasons it is necessary to transport large structural elements of the bridge to the bank area for their further	Task implementation area	Contractor's Team	Visual monitoring. Verification of documentation concerning waste management.	During the Task implementation period, on an ongoing basis, at least once a week.
				Engineer's Team	Visual monitoring. Verification of the documentation submitted by the Contractor to the Engineer.	During the Task implementation period, on an ongoing basis, at least once a month.

Environmental Management Plan

Contract 1.B.5/2 - Reconstruction of the bridge to ensure minimum clearance - road bridge in km 2.45 of the Warta River in Kostrzyn nad Odra

Item	Issue	Subject of monitoring	Place of monitoring	Responsible party	Monitoring method	Period and frequency of monitoring
		demolition (e.g. crushing), such activities require the following condition to be met in items 17, 18 (Conditions for selecting the location of construction site backup facilities, material storage places).				
100	Protection of water and soils	<b>Hazardous waste management rules</b> Hazardous waste should be segregated and stored separately in designated leak-proof containers (additionally, liquid waste over 220 litres requires secondary protection against spillage, e.g. a leachate tray with the capacity of at least 110% of the largest container 25% of the total volume of liquid waste) placed on a hardened area, marked and secured against access by third parties, until it is handed over to authorised entities for further management. In order to protect surface waters against pollution, hazardous waste storage sites will be designated outside the area of special flood risk.	Task implementation area	Contractor's Team	Visual monitoring. Verification of waste record documentation.	During the Task implementation period, on an ongoing basis, at least once a week.
				Engineer's Team	Visual monitoring. Verification of the documentation submitted by the Contractor to the Engineer.	During the Task implementation period, on an ongoing basis, at least once a month.
101	Protection of water and soils	<b>Rules for management of household and municipal waste water</b> 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.	Task implementation area	Contractor's Team	Visual monitoring	During the Task implementation period, on an ongoing basis, at least once a week.
				Engineer's Team	Visual monitoring. Verification of the documentation submitted by the Contractor to the Engineer.	During the Task implementation period, on an ongoing basis, at least once a month.
102	Protection of water and soils	<b>Prevention of formation of illegal waste disposal sites</b> 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.	Task implementation area	Contractor's Team	Visual monitoring	During the Task implementation period, on an ongoing basis, at least once a week.
				Engineer's Team	Visual monitoring. Verification of the documentation submitted by the Contractor to the Engineer.	During the Task implementation period, on an ongoing basis, at least once a month.
<b>L</b>	<b>REQUIREMENTS FOR THE PROTECTION OF HUMAN HEALTH AND SAFETY</b>					
	Protection of health and safety of people	<b>Preparation of documents related to the safety in the Task implementation area</b> In the Task implementation area, order and proper organisation of works shall be maintained.	Task implementation area			

Environmental Management Plan

Contract 1.B.5/2 - Reconstruction of the bridge to ensure minimum clearance - road bridge in km 2.45 of the Warta River in Kostrzyn nad Odra

Item	Issue	Subject of monitoring	Place of monitoring	Responsible party	Monitoring method	Period and frequency of monitoring
		Prior to the commencement of works, the Contractor shall prepare and obtain the Engineer's approval for, inter alia, the following documents related to the safety on the construction site:				
103		a) Health and Safety Protection (BIOZ) plan – see section 6.13 of the EMP text.		Contractor's Team	Control of the progress of works on the preparation of document. Control of the submission of document to the Engineer	During the Task implementation period, on an ongoing basis, at least once a week until the condition is met.
				Engineer's Team	Verification of the documentation submitted by the Contractor to the Engineer.	One time, prior to the commencement of works, verification and acceptance of the document.
104		b) Construction site project, see item 6.13 of the EMP text.		Contractor's Team	Control of the progress of works on the preparation of document. Control of the submission of document to the Engineer	During the Task implementation period, on an ongoing basis, at least once a week until the condition is met.
				Engineer's Team	Verification of the documentation submitted by the Contractor to the Engineer.	One time, prior to the commencement of works, verification and acceptance of the document.
105		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 - see Section 6.13 of the EMP text.		Contractor's Team	Control of the progress of works on the preparation of documents. Control of the submission of documents to the Engineer.	On a one-off basis, before the commencement of works in the scope of preparation and submission of documents. During the implementation of the Task in the scope of verification and needs to update documents, on an ongoing basis, not less frequently than once a month.
				Engineer's Team	Verification of the documentation submitted by the Contractor to the Engineer.	Prior to the commencement of works, verification and acceptance of the document.  During the Task implementation period, on an ongoing basis, at least once a month.

Environmental Management Plan

Contract 1.B.5/2 - Reconstruction of the bridge to ensure minimum clearance - road bridge in km 2.45 of the Warta River in Kostrzyn nad Odrą

Item	Issue	Subject of monitoring	Place of monitoring	Responsible party	Monitoring method	Period and frequency of monitoring
106	Protection of health and safety of people	<p><b>Fencing of the construction site</b>                      Before commencing the 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> <p>The Contractor will also protect the area of the "Warta Mouth" National Park outside the area of the Task implementation against accidental damage by machines and vehicles used in the implementation of the Task - the way of protecting the area will be determined by the team of environmental supervision of the Contractor, taking into account the function of the ecological corridor of the Task implementation area. The method of protection shall be subject to the Engineer's approval.</p>	Task implementation area	Contractor's Team	Visual monitoring.	During the Task implementation period (including, inter alia, prior to the commencement of works and during the works period), on an ongoing basis, not less frequently than once a week and each time in case of occurrence of situations covered by the condition.
				Engineer's Team	Visual monitoring. Verification of the documentation submitted by the Contractor to the Engineer.	During the Task implementation period (including, inter alia, prior to the commencement of works and during the works period), on an ongoing basis, at least once a month.
107	Protection of health and safety of people	<p><b>Sapper supervision in the Task area</b>                      In order to minimise the risk related to digging out or finding dangerous objects of military origin in the Task implementation area, the Contractor shall provide::</p> <ul style="list-style-type: none"> <li>• prior to the commencement of works - a sapper's investigation of the Task implementation area, including the Warta riverbed (a report on the sapper's investigation will be submitted to the Engineer);</li> <li>• 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 of the Task area from dangerous objects of military origin together with their disposal;</li> <li>• in case of finding dangerous objects of</li> </ul>	Task implementation area	Contractor's Team	Visual monitoring. Checking the participation and agreement of required experts. Control of the submission of documents to the Engineer.	During the Task implementation period (including, inter alia, prior to the commencement of works and during the works period), on an ongoing basis, not less frequently than once a week and each time in case of occurrence of situations covered by the condition.
				Engineer's Team	Visual monitoring. Verification of the documentation submitted by the Contractor to the Engineer.	During the Task implementation period (including, inter alia, prior to the commencement of works and during the works period), on an ongoing basis, not less frequently than once a month and each time in case of occurrence of situations covered by the condition.



Environmental Management Plan

Contract 1.B.5/2 - Reconstruction of the bridge to ensure minimum clearance - road bridge in km 2.45 of the Warta River in Kostrzyn nad Odrą

Item	Issue	Subject of monitoring	Place of monitoring	Responsible party	Monitoring method	Period and frequency of monitoring
		military origin in the Task implementation area - implementation of procedures described in item 116.				
108	Protection of health and safety of people	<p><b>Documentation and monitoring of the technical condition of buildings exposed to vibrations</b></p> <p>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 and will use equipment, technologies and methods to ensure that vibrations are reduced.</p> <p>The spatial scope of the inventory shall be agreed by the Contractor with the Engineer.</p>	Task implementation area	Contractor's Team	Visual monitoring. Control of the submission of documents to the Engineer.	During the Task implementation period (including, among other things, before the commencement of works and during the works period) - on an ongoing basis, at least once a week.
				Engineer's Team	Visual monitoring. Verification of the documentation submitted by the Contractor to the Engineer	During the Task implementation period, on an ongoing basis, at least once a month.
109	Protection of health and safety of people	<p><b>Implementation of guidelines regarding requirements concerning the work safety</b></p> <p>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"> <li>• construction site management, including hazardous zones;</li> </ul>	Task implementation area	Contractor's Team	Visual monitoring.	During the Task implementation period, on an ongoing basis, at least once a week.

Environmental Management Plan

Contract 1.B.5/2 - Reconstruction of the bridge to ensure minimum clearance - road bridge in km 2.45 of the Warta River in Kostrzyn nad Odra

Item	Issue	Subject of monitoring	Place of monitoring	Responsible party	Monitoring method	Period and frequency of monitoring
		<ul style="list-style-type: none"> <li>storage and transport;</li> <li>electrical systems and equipment;</li> <li>machines and technical devices;</li> <li>works at height;</li> <li>earthworks;</li> <li>works carried out on water;</li> <li>demolition works;</li> <li>underwater works;</li> <li>navigation (shipping).</li> </ul> contained in the legal regulations in force.		Engineer's Team	Visual monitoring. Verification of the documentation submitted by the Contractor to the Engineer.	During the Task implementation period, on an ongoing basis, at least once a month.
	Protection of health and safety of people	<b>Ensuring hygienic conditions</b> In the Task implementation area, one shall:	Task implementation area			
110		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 101).		Contractor's Team	Visual monitoring	During the Task implementation period, on an ongoing basis, at least once a week.
				Engineer's Team	Visual monitoring. Verification of the documentation submitted by the Contractor to the Engineer.	During the Task implementation period, on an ongoing basis, at least once a month.
111		b) ensure that all employees are trained to maintain proper hygiene and cleanliness conditions within the construction site and its immediate surroundings.		Contractor's Team	Visual monitoring	During the Task implementation period, on an ongoing basis, at least once a week.
				Engineer's Team	Visual monitoring. Verification of the documentation submitted by the Contractor to the Engineer.	During the Task implementation period, on an ongoing basis, at least once a month.
112	Protection of health and safety of people	<b>Principles of HIV-AIDS prevention and other infectious diseases, including e.g. COVID 19</b> 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).	Task implementation area together with surroundings	Contractor's Team	Inspection of compliance of the Contractor's activities with the subject conditions specified in the Contract.	During the Task implementation period, on an ongoing basis, at least once a week.
				Engineer's Team	Verification of the documentation submitted by the Contractor to the Engineer.	During the Task implementation period, on an ongoing basis, at least once a month.

Environmental Management Plan

Contract 1.B.5/2 - Reconstruction of the bridge to ensure minimum clearance - road bridge in km 2.45 of the Warta River in Kostrzyn nad Odrą

Item	Issue	Subject of monitoring	Place of monitoring	Responsible party	Monitoring method	Period and frequency of monitoring
113	Protection of health and safety of people Protection of water	<b>Carrying out a bottom cleanliness attestation in the area of the bridge</b> After completion of works (including demolition of the temporary bridge), the Contractor will carry out bottom cleanliness attestation in the area of the reconstructed bridge and in the line of the temporary 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.	Task implementation area	Contractor's Team	Visual monitoring. Control of the submission of documents to the Engineer.	During the period of activity implementation, on an ongoing basis until the condition is met.
				Engineer's Team	Verification of the documentation submitted by the Contractor to the Engineer.	One-off, verification and the acceptance of the document.
<b>M</b>	<b>REQUIREMENTS FOR EXCEPTIONAL ENVIRONMENTAL HAZARDS</b>					
114	Protection of health and safety of people	<b>Rules for flood risk management</b> 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 case of flooding, the Contractor shall follow the procedures described in the aforementioned document, in particular, in the case of forecast high water stages on the Warta River, the Contractor shall protect the construction site against negative effects of surface water flow and shall carry out relevant evacuation of people, equipment and materials and shall prevent water pollution with substances and materials originating from the construction site, including hazardous ones.	Task implementation area	Contractor's Team	Visual monitoring. Control of the progress of works on the preparation of the subject-related document. Control of the timely submission of document to the Engineer	On a one-off basis, before the commencement of works in the scope of preparation and submission of documents. During the implementation of the Task in the scope of verification and needs to update documents, on an ongoing basis, not less frequently than once a month.
				Engineer's Team	Visual monitoring. Verification of the documentation submitted by the Contractor to the Engineer. Direct random checks of the Contractor's compliance with the procedures described in the subject-related document.	During the Task implementation period, on an ongoing basis, at least once a month.
115	Protection of health and safety of people	<b>Rules for notification of crisis situations</b> 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"> <li>immediately inform the relevant services (Fire Brigade, Ambulance, Police, etc.);</li> <li>until the arrival of appropriate services, carry</li> </ul>	Task implementation area	Contractor's Team	Visual monitoring. Control of the implementation of the required procedures. Control of the submission of documents to the Engineer.	During the Task implementation period, on an ongoing basis, not less frequently than once a month and each time in case of occurrence of situations covered by the condition.

Environmental Management Plan

Contract 1.B.5/2 - Reconstruction of the bridge to ensure minimum clearance - road bridge in km 2.45 of the Warta River in Kostrzyn nad Odra

Item	Issue	Subject of monitoring	Place of monitoring	Responsible party	Monitoring method	Period and frequency of monitoring
		<p>out necessary actions to reduce the risk of loss of personnel, property and the environment (agreed with the appropriate services, if possible);</p> <ul style="list-style-type: none"> <li>notify the Engineer and the Employer;</li> <li>upon arrival of the relevant services, follow strictly their recommendations and instructions.</li> </ul>		Engineer's Team	Visual monitoring Verification of the documentation submitted by the Contractor to the Engineer.	During the Task implementation period, on an ongoing basis, not less frequently than once a month and each time in case of occurrence of situations covered by the condition.
116	Protection of health and safety of people	<p><b>Rules for unexploded shells or ordnance management</b></p> <p>In case an unexploded shell or unexploded ordnance is found, one shall:</p> <ul style="list-style-type: none"> <li>stop the work immediately;</li> <li>evacuate the area around the finding;</li> <li>immediately inform the sapper supervision (see item 131) and the Police, and then follow their instructions;</li> <li>notify the Engineer and the Employer.</li> </ul> <p>It is strictly forbidden to lift, dig up, bury, carry, throw into fire or water, etc., unexploded shells or unexploded ordnance found.</p>	Task implementation area	Contractor's Team	Visual monitoring. Control of the implementation of the required procedures. Control of the submission of documents to the Engineer.	During the Task implementation period, on an ongoing basis, not less frequently than once a month and each time in case of occurrence of situations covered by the condition.
				Engineer's Team	Visual monitoring. Verification of the documentation submitted by the Contractor to the Engineer.	During the Task implementation period, on an ongoing basis, not less frequently than once a month and each time in case of occurrence of situations covered by the condition.
117	Protection of health and safety of people	<p><b>Rules for management of leakage of petroleum-derivative substances</b></p> <p>In connection with the risk of possible leakage of petroleum-derivative substances, the Contractor shall prepare a document, a so-called spillage procedure (see item 6.13 of the EMP text) and shall obtain its approval by the Engineer and will follow the approved procedure.</p>	Task implementation area	Contractor's Team	Visual monitoring. Control of the implementation of the required procedures. Check of the preparation and submission of document to the Engineer.	During the Task implementation period, on an ongoing basis, at least once a week until the condition is met.
				Engineer's Team	Visual monitoring. Verification of the documentation submitted by the Contractor to the Engineer.	During the Task implementation period, on an ongoing basis, at least once a month until the condition is met.
	Protection of health and safety of people	<p><b>Guidelines for safety on the waterway / prevention of shipping accidents</b></p>	Task implementation area			
118	Protection of people and water	<p>a) means of transport (floating sets) must meet the requirements of relevant regulations in force on the territory of the Republic of Poland in the field of inland navigation.</p>	Task implementation area	Contractor's Team	Visual monitoring. Verification of documentation concerning the transport service for the Task implementation area.	During the Task implementation period, on an ongoing basis, at least once a week.

Environmental Management Plan

Contract 1.B.5/2 - Reconstruction of the bridge to ensure minimum clearance - road bridge in km 2.45 of the Warta River in Kostrzyn nad Odra

Item	Issue	Subject of monitoring	Place of monitoring	Responsible party	Monitoring method	Period and frequency of monitoring
				Engineer's Team	Visual monitoring. Verification of the documentation submitted by the Contractor to the Engineer.	During the Task implementation period, on an ongoing basis, at least once a month.
119		b) means of transport (floating sets) in terms of parameters must be adapted to the conditions resulting from the current waterway and the current condition of the water on that waterway.		Contractor's Team	Visual monitoring. Verification of documentation concerning the transport service for the Task implementation area.	During the Task implementation period, on an ongoing basis, at least once a week.
				Engineer's Team	Visual monitoring. Verification of the documentation submitted by the Contractor to the Engineer.	During the Task implementation period, on an ongoing basis, at least once a month.
120		c) the use of floating vessels in the execution of the works requires consultation with the competent Director of the Inland Navigation Office in Szczecin and the Director of the Maritime Office in Szczecin (in the case of use of sea waters).		Contractor's Team	Visual monitoring. Verification of documentation concerning the transport service for the Task implementation area. Check of the progress in obtaining the arrangements in question.	During the Task implementation period, on an ongoing basis, at least once a week.
				Engineer's Team	Visual monitoring. Verification of the documentation submitted by the Contractor to the Engineer.	During the Task implementation period, on an ongoing basis, at least once a month.
121		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 risks 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.		Contractor's Team	Visual monitoring. Verification of documentation concerning the transport service for the Task implementation area. Check of the progress in obtaining the arrangements in question.	During the Task implementation period, on an ongoing basis, at least once a week.
				Engineer's Team	Visual monitoring. Verification of the documentation submitted by the Contractor to the Engineer.	During the Task implementation period, on an ongoing basis, at least once a month.
122		e) the works time schedule and the organisation of the works must take into account the occurrence of low water stages and the risks of adverse navigation conditions		Contractor's Team	Visual monitoring. Verification of documentation concerning the transport service for the Task implementation area.	During the Task implementation period, on an ongoing basis, at least once a week.
				Engineer's Team	Visual monitoring. Verification of the documentation submitted by the Contractor to the Engineer.	During the Task implementation period, on an ongoing basis, at least once a month.
<b>N</b>	<b>REQUIREMENTS FOR THE PROTECTION OF CULTURAL MONUMENTS</b>					

Environmental Management Plan

Contract 1.B.5/2 - Reconstruction of the bridge to ensure minimum clearance - road bridge in km 2.45 of the Warta River in Kostrzyn nad Odrą

Item	Issue	Subject of monitoring	Place of monitoring	Responsible party	Monitoring method	Period and frequency of monitoring
123	Protection of monuments	<p><b>Provision of archaeological supervision</b>                      For the whole period of the earthwork's 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"> <li>a) carrying out prior archaeological surveys within the found archaeological sites,</li> <li>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,</li> <li>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,</li> <li>d) preparation of an appropriate archaeological supervision action plan in the form of a Quality Assurance Plan.</li> </ul>	Task implementation area	Contractor's Team	Visual monitoring. Control of the participation of the required experts and the approvals obtained. Control of the submission of documents to the Engineer.	During the Task implementation period, on an ongoing basis, at least once a week.
				Engineer's Team	Visual monitoring. Verification of the documentation submitted by the Contractor to the Engineer. Checking the participation of required experts.	During the Task implementation period, on an ongoing basis, at least once a month.

Environmental Management Plan

Contract 1.B.5/2 - Reconstruction of the bridge to ensure minimum clearance - road bridge in km 2.45 of the Warta River in Kostrzyn nad Odrą

Item	Issue	Subject of monitoring	Place of monitoring	Responsible party	Monitoring method	Period and frequency of monitoring
124	Protection of monuments	<p><b>Rules of conduct in case of discovery of movable monuments or archaeological sites</b></p> <p>If the Contractor, in the course of the works, discovers an object which is presumed to be a monument, it is obliged (taking into account the requirements in item 125 below):</p> <p>a) stop any works likely to damage or destroy the discovered objects and secure, by 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 Kostrzyn nad Odrą. 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, and the Director of the Kostrzyn Fortress Museum,</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 the 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, the Contractor shall develop a procedure to be followed in case of finding an object, which has the features of a monument.</p>	Task implementation area	Contractor's Team	Visual monitoring. Control of the participation of the required experts and the approvals obtained. Control of the submission of documents to the Engineer.	During the Task implementation period, on an ongoing basis, not less frequently than once a week and each time in case of occurrence of situations covered by the condition.
				Engineer's Team	Visual monitoring. Verification of the documentation submitted by the Contractor to the Engineer. Checking the participation of required experts.	During the Task implementation period, on an ongoing basis, not less frequently than once a month and each time in case of occurrence of situations covered by the condition.
125	Protection of monuments	<p><b>Obtaining the permit of the Voivodship Conservator of Monuments</b></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</p>	Task implementation area	Contractor's Team	Check of the progress in obtaining the permits in question. Verification of the documentation submitted by the Contractor to the Engineer.	During the Task implementation period, on an ongoing basis, not less frequently than once a month and each time in case of occurrence of situations covered by the condition.

Environmental Management Plan

Contract 1.B.5/2 - Reconstruction of the bridge to ensure minimum clearance - road bridge in km 2.45 of the Warta River in Kostrzyn nad Odrą

Item	Issue	Subject of monitoring	Place of monitoring	Responsible party	Monitoring method	Period and frequency of monitoring
		attorney granted by the Employer, the permission of the Voivodship Conservator of Monuments (VCM) to carry out rescue archaeological surveys.		Engineer's Team	Verification of the documentation submitted by the Contractor to the Engineer.	During the Task implementation period, on an ongoing basis, not less frequently than once a month and each time in case of occurrence of situations covered by the condition.
126	Protection of monuments	<p><b>Protection of objects found in the municipal record of monuments</b></p> <p>The Contractor shall protect objects found in the municipal record of monuments (except for the bridge intended for demolition) in the area of the Task implementation and its immediate vicinity against damage, and in case of their damage, shall carry out appropriate repairs.</p> <p>The method of protection and conditions of carrying out works in the vicinity of the objects found in the municipal record of monuments shall be described in the construction site organisation project and agreed with the Contractor's architectural supervision.</p>	Task implementation area	Contractor's Team	Visual monitoring. Verification of the documentation submitted by the Contractor to the Engineer.	During the Task implementation period, on an ongoing basis, at least once a month.
				Engineer's Team	Visual monitoring. Verification of the documentation submitted by the Contractor to the Engineer.	During the Task implementation period, on an ongoing basis, at least once a month.
<b>O</b>	<b>REQUIREMENTS FOR THE CONTRACTOR'S PERSONNEL INVOLVED IN THE IMPLEMENTATION OF THE EMP</b>					
127	Implementation and reporting on the EMP implementation	<p><b>Training of the Contractor's staff in the EMP implementation</b></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</p>	Task implementation area	Contractor's Team	Verification of the training course completion by all required persons currently working on the Contract and submission of conclusions to the Construction Site Manager.	During the Task implementation period, on an ongoing basis, at least once a week.



Environmental Management Plan

Contract 1.B.5/2 - Reconstruction of the bridge to ensure minimum clearance - road bridge in km 2.45 of the Warta River in Kostrzyn nad Odra

Item	Issue	Subject of monitoring	Place of monitoring	Responsible party	Monitoring method	Period and frequency of monitoring
		<p>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 environmental supervision. Employees of the Contractor who will deal with fuels and other petroleum-derivative substances and other substances harmful to the 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>		Engineer's Team	<p>Verification of information on the training of the Contractor's personnel provided to the Engineer together with monthly reports.</p> <p>Current checks on the knowledge of EMP conditions by the current personnel of the Contractor.</p>	During the Task implementation period, on an ongoing basis, at least once a month.
128	Implementation and reporting on the EMP implementation	<p><b>Appointment of the EMP coordinator in the Contractor's team</b></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, inter alia:</p> <ul style="list-style-type: none"> <li>• supervision of the implementation of particular EMP conditions in subsequent stages of the Task implementation;</li> <li>• ongoing monitoring of the status of implementation of particular conditions from</li> </ul>	Task implementation area	Contractor's Team (Site Manager)	<p>Checking the presence of the EMP Coordinator.</p> <p>Verification of the documentation submitted by the Coordinator for EMP to the Engineer.</p>	During the Task implementation period, continuous monitoring.

Environmental Management Plan

Contract 1.B.5/2 - Reconstruction of the bridge to ensure minimum clearance - road bridge in km 2.45 of the Warta River in Kostrzyn nad Odrą

Item	Issue	Subject of monitoring	Place of monitoring	Responsible party	Monitoring method	Period and frequency of monitoring
		<p>the Attachments 1 and 2 in the Task implementation area;</p> <ul style="list-style-type: none"> <li>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;</li> <li>cooperation with the remaining part of the Contractor's team (including in particular the supervision of the environmental supervision team of the Contractor referred to in item 129) in ensuring the implementation of the EMP;</li> <li>reporting on the implementation of the EMP (in accordance with the rules set out in items 134 - 135);</li> <li>cooperation with persons responsible for the implementation of the EMP in the team of the Engineer and the Employer.</li> </ul> <p>The EMP Coordinator cannot be a member of the Contractor's environmental supervision team. The person appointed to the above mentioned function requires the Engineer's approval</p>		Engineer's Team	<p>Check of the presence of the required person in the Contractor's team.</p> <p>Verification of the documentation submitted by the Contractor to the Engineer.</p>	During the Task implementation period, on an ongoing basis, at least once a month.
129	Implementation and reporting of the EMP implementation	<p><b>Provision of environmental supervision team of the Contractor</b></p> <p>Throughout the whole Task implementation period, the Contractor shall ensure the participation of a team of environmental experts (environmental supervision), composed of representatives of the following specialities:</p> <ol style="list-style-type: none"> <li>botanist-phytosociologist (natural habitats and protected plant species);</li> <li>dendrologist (principles of tree care and protection);</li> <li>zoologist-fish fauna specialist (fish and aquatic animal species);</li> <li>zoologist-herpetologist (amphibians and</li> </ol>	Task implementation area	Contractor's Team	<p>Confirmation of the Contractor's execution of activities in the monthly report on the Contract implementation, supported by reports from the field inspection, reports of the Contractor's supervision team, etc.</p> <p>Check of the participation of the required expert the environmental supervision Contractor's team.</p>	During the Task implementation period, on an ongoing basis, at least once a week.

Environmental Management Plan

Contract 1.B.5/2 - Reconstruction of the bridge to ensure minimum clearance - road bridge in km 2.45 of the Warta River in Kostrzyn nad Odrą

Item	Issue	Subject of monitoring	Place of monitoring	Responsible party	Monitoring method	Period and frequency of monitoring
		<p>reptiles);</p> <p>e) zoologist-bird fauna specialist (birds);</p> <p>f) zoologist-mammalian fauna specialist (non-flying mammals),</p> <p>g) zoologist-bat fauna specialist (bats);</p> <p>h) zoologist - entomologist (insects).</p> <p>These experts will be involved in the implementation of selected mitigation and monitoring activities specified in the EMP, and in particular:</p> <p>a) mitigation activities listed in the Attachment 1 to the EMP in the items, in particular: 17, 26, 28, 30, 31 – 36, 41- 44, 49, 53 - 58, 62 – 69, 87, 99, 134 - 137;</p> <p>b) monitoring activities listed in the Attachment 2 to the EMP in the items, in particular: 17, 26, 28, 30, 31 – 36, 41- 44, 49, 53 - 58, 62 – 69, 87, 99, 134 - 137.</p> <p>The personal composition of the environmental expert's team requires the Engineer's approval. One member of the environmental supervision team may represent a maximum of two environmental specialisations listed in items a) to h) above.</p>		Engineer's Team	Verification of the documentation submitted by the Contractor to the Engineer. Ongoing inspections of the fulfilment of current duties by the the environmental supervision Contractor's team.	During the Task implementation period, on an ongoing basis, at least once a month.
130	Implementation and reporting of the EMP implementation	<p><b>Tasks of the environmental supervision team Wykonawcy</b></p> <p>The task of the environmental supervision will be to take appropriate protective measures in the event of identification of risk to protected species of fauna and flora as the result of execution of construction works. In particular, the duties of the environmental supervision should include:</p> <ul style="list-style-type: none"> <li>- prior to the commencement of the Task implementation, checking the area, in which the works are to be carried out in terms of the presence of protected species sites (see item 31);</li> <li>- 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</li> </ul>	Task implementation area	Contractor's Team	Confirmation of the Contractor's execution of activities in a monthly report on the implementation of the Contract, supported by the reports from the site investigation, reports of the experts of the environmental supervision team of the Contractor (referred to in item 129), etc. Check of participation of required experts in the the environmental supervision Contractor's team.	During the Task implementation period, on an ongoing basis, at least once a week.
				Engineer's Team	Verification of the documentation submitted by the Contractor to the Engineer. Ongoing inspections of the fulfilment of current duties by experts in the the environmental supervision	During the Task implementation period, on an ongoing basis, at least once a month.

Environmental Management Plan

Contract 1.B.5/2 - Reconstruction of the bridge to ensure minimum clearance - road bridge in km 2.45 of the Warta River in Kostrzyn nad Odrą

Item	Issue	Subject of monitoring	Place of monitoring	Responsible party	Monitoring method	Period and frequency of monitoring
		<p>appropriate permits for the execution of these activities before commencing construction works (see items 33 - 36);</p> <ul style="list-style-type: none"> <li>- carrying out supervision in the course of execution of construction works, including in particular these consisting in removal of trees and shrubs, designation of habitats and sites of protected species, restoration of green areas, bridge demolition, works in the river beds and oxbow lakes (see also items 32, 41 - 47, 53 - 58).</li> <li>- 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 44.</li> </ul>			Contractor's team.	
131	Implementation and reporting of the EMP implementation on Protection of human health and safety	<p><b>Provision of sapper supervision team</b></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 107).</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>	Task implementation area	Contractor's Team	Visual monitoring. Checking the participation and agreement of required experts. Control of the submission of documents to the Engineer.	During the Task implementation period, on an ongoing basis, not less frequently than once a week and each time in case of occurrence of situations covered by the condition in item 116.
				Engineer's Team	Checking the participation and agreement of required experts. Control of the submission of documents to the Engineer.	During the Task implementation period, on an ongoing basis, not less frequently than once a week and each time in case of occurrence of situations covered by the condition in item 116.
132	Implementation and reporting of the EMP implementation on Protection of cultural	<p><b>Providing a team of archaeologists' experts</b></p> <p>During execution of earthworks,, 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 these described in items 123 - 126). The members of the</p>	Task implementation area	Contractor's Team	Visual monitoring. Checking the participation and agreement of required experts. Control of the submission of documents to the Engineer.	During the Task implementation period, on an ongoing basis, not less frequently than once a week and each time in case of occurrence of situations covered by the condition in item 124.

Environmental Management Plan

Contract 1.B.5/2 - Reconstruction of the bridge to ensure minimum clearance - road bridge in km 2.45 of the Warta River in Kostrzyn nad Odra

Item	Issue	Subject of monitoring	Place of monitoring	Responsible party	Monitoring method	Period and frequency of monitoring
	goods	archaeologists' expert team must have appropriate professional licences. The composition of the archaeological expert team requires the approval of the Engineer. 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.		Engineer's Team	Checking the participation and agreement of required experts. Control of the submission of documents to the Engineer.	During the Task implementation period, on an ongoing basis, not less frequently than once a week and each time in case of occurrence of situations covered by the condition in item 124.
133	Implementation and reporting of the implementation of the EMP Protection of human health and safety	<b>Supervision of occupational health and safety services</b> During the Task implementation period, the Contractor shall ensure constant supervision of occupational health and safety services. The scope of responsibilities, qualifications and personnel composition of the Contractor's occupational health and safety services shall be in accordance with the Polish Labour Law. Prior to the commencement of works, the occupational health and safety supervision of the Contractor shall conduct dedicated training for the Contractor's personnel in the scope of occupational safety and accident risk during the Task implementation.	Task implementation area	Contractor's Team	Visual monitoring. Check of employees' documentation.	During the Task implementation period, continuous monitoring with monthly reporting.
				Engineer's Team	Visual monitoring. Verification of the documentation submitted by the Contractor to the Engineer.	During the Task implementation period, continuous monitoring.
<b>P</b>	<b>REQUIREMENTS FOR THE REPORTING OF THE EMP IMPLEMENTATION</b>					
134	Implementation and reporting of the EMP implementation	<b>Reporting on the state of implementation of the EMP in monthly reports</b> During the Task implementation period, the Contractor shall timely 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	Task implementation area	Contractor's Team	Control of the progress of preparation and submission of required reports and information within the Contractor's team.	During the Task implementation period, on an ongoing basis, at least once a week.

Environmental Management Plan

Contract 1.B.5/2 - Reconstruction of the bridge to ensure minimum clearance - road bridge in km 2.45 of the Warta River in Kostrzyn nad Odrą

Item	Issue	Subject of monitoring	Place of monitoring	Responsible party	Monitoring method	Period and frequency of monitoring
		reports on the implementation of environmental supervision). The Contractor shall prepare a template of the above report (checklist) and obtain the Engineer's approval for this document. <b>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.</b>		Engineer's Team	Control of the progress of preparation and submission of required reports and information to the Engineer	During the Task implementation period, on an ongoing basis, at least once a month.
135	Implementation and reporting of the EMP implementation	<b>Discussing the implementation of the EMP during working meetings and construction site meetings</b> 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 measures specified in the EMP. Regardless of the above, current requirements and problems related to the implementation of the EMP will be discussed at all construction site meetings.	Task implementation area	Contractor's Team	Control of the holding of the meetings in question and control of the discussion of matters related to the implementation of the EMP at the construction site meetings. Submission of applications to the Construction Site Manager.	During the Task implementation period, on an ongoing basis, at least once a month.
				Engineer's Team	Control of the holding of the meetings in question and control of the discussion of matters related to the implementation of the EMP at the construction site meetings. Submission of applications to the Construction Site Manager. Verification of the documentation submitted by the Contractor to the Engineer.	During the Task implementation period, on an ongoing basis, at least once a month.
	Implementation and reporting of the EMP implementation	<b>Reports of the Contractor's environmental supervision team</b> The Contractor's environmental supervision team carries out reporting:	Task implementation area			
136	Implementation and reporting of the EMP implementation	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		Contractor's Team	Control of the progress of preparation and submission of required reports and information to the Engineer. Check of the documentation submitted by the Contractor to the Engineer.	During the Task implementation period, on an ongoing basis, at least once a month.

Environmental Management Plan

*Contract 1.B.5/2 - Reconstruction of the bridge to ensure minimum clearance - road bridge in km 2.45 of the Warta River in Kostrzyn nad Odra*

Item	Issue	Subject of monitoring	Place of monitoring	Responsible party	Monitoring method	Period and frequency of monitoring
		environmental supervision) submitted to the Engineer and requiring his / her approval.		Engineer's Team	Verification of the documentation submitted by the Contractor to the Engineer.	During the Task implementation period, on an ongoing basis, at least once a month.
137		b) preparing reports to be submitted to the environmental authorities in accordance with the terms of decisions authorising derogations from the prohibitions applicable to species subject to species protection (see also items 33 to 36).		Contractor's Team	Control of the progress of preparation and submission of required reports and information to the Engineer. Check of the documentation submitted by the Contractor to the Engineer.	During the Task implementation period, on an ongoing basis, at least once a month.
		Engineer's Team		Verification of the documentation submitted by the Contractor to the Engineer.	During the Task implementation period, on an ongoing basis, at least once a month.	
		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.				

Environmental Management Plan

Contract 1.B.5/2 - Reconstruction of the bridge to ensure minimum clearance - road bridge in km 2.45 of the Warta River in Kostrzyn nad Odrą

Item	Issue	Subject of monitoring	Place of monitoring	Responsible party	Monitoring method	Period and frequency of monitoring
<b>R</b>	<b>MANAGEMENT STRATEGIES, ESHS IMPLEMENTATION PLANS AND SPECIFIC REQUIREMENTS OF ESHS POLICIES</b>					
<b>138</b>	Protection of health and safety of people Protection of water Protection of natural resources	<b>ES Code of Conduct</b> The Contractor shall take all necessary measures to ensure that the Contractor's personnel are informed about the ES Code of Conduct submitted with the bid and described in item 6.13 of the EMP text, including specific prohibited behaviours, and that they understand the consequences of engaging in such prohibited behaviours. The Contractor shall also ensure that the ES Code of Conduct is visibly presented in the places where the Contractor's personnel are located. The condition applies to the Contractor and its staff, regardless of the legal form of cooperation and respectively to Subcontractors and their staff.	Task implementation area	Contractor's Team	Visual monitoring. Control of the submission of documents to the Engineer.	During the Task implementation period, on an ongoing basis, at least once a month.
				Engineer's Team	Visual monitoring. Verification of the documentation submitted by the Contractor to the Engineer.	During the Task implementation period, on an ongoing basis, at least once a month.
<b>139</b>	Protection of health and safety of people	<b>Prevention of sexual harassment and mobbing</b> 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).	Task implementation area	Contractor's Team	Visual monitoring. Verification of the register of complaints and requests.	During the Task implementation period, continuous monitoring with monthly reporting.
				Engineer's Team	Visual monitoring. Verification of the register of complaints and requests. Verification of the documentation submitted by the Contractor to the Engineer.	During the Task implementation period, continuous monitoring.
<b>140</b>	Protection of health and safety of people	<b>Awareness-raising on the prevention of sexual harassment and mobbing</b> 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.	Task implementation area	Contractor's Team	Verification of the qualification of the service provider. Verification of training documentation and awareness-raising programme.	During the Task implementation period, continuous monitoring with monthly reporting.
				Engineer's Team	Verification of the documentation submitted by the Contractor to the Engineer.	During the Task implementation period. Once a month.



Environmental Management Plan

Contract 1.B.5/2 - Reconstruction of the bridge to ensure minimum clearance - road bridge in km 2.45 of the Warta River in Kostrzyn nad Odra

Item	Issue	Subject of monitoring	Place of monitoring	Responsible party	Monitoring method	Period and frequency of monitoring
141	Protection of health and safety of people	<p><b>Reporting cases of sexual harassment and mobbing</b></p> <p>It is the Contractor's duty to inform the Engineer 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 into 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>	Task implementation area	Contractor's Team	Verification of the register of complaints and requests.	During the Task implementation period, continuous monitoring with monthly reporting.
				Engineer's Team	Verification of the documentation submitted by the Contractor to the Engineer.	During the Task implementation period, continuous monitoring.
142	Protection of health and safety of people	<p><b>Ensuring that staff employed in the implementation of the Task can submit complaints and requests</b></p> <p>The Contractor will inform all employees 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 Engineer.</p>	Task implementation area	Contractor's Team	Verification of the register of complaints and requests.	During the Task implementation period, continuous monitoring with monthly reporting.
				Engineer's Team	Verification of the documentation submitted by the Contractor to the Engineer.	During the Task implementation period, continuous monitoring.
143	Protection of health and safety of people	<p><b>Ensuring accident-free working conditions</b></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,</p>	Task implementation area	Contractor's Team	Visual monitoring. Verification of construction documents and post-accident documentation.	During the Task implementation period, continuous monitoring with reporting once a month and each time in case of an accident covered by the condition.

Environmental Management Plan

Contract 1.B.5/2 - Reconstruction of the bridge to ensure minimum clearance - road bridge in km 2.45 of the Warta River in Kostrzyn nad Odra

Item	Issue	Subject of monitoring	Place of monitoring	Responsible party	Monitoring method	Period and frequency of monitoring
		Subcontractors' staff, etc., as well as third parties. In the event of such accidents, it is necessary to: <ul style="list-style-type: none"> <li>immediately ensure proper handling of the injured party;</li> <li>secure the location of the accident;</li> <li>inform the Engineer as soon as possible about the accident and the Contractor's reaction to the accident;</li> <li>notify the relevant services and allow them to reach the place of the accident.</li> </ul>		Engineer's Team	Visual monitoring. Verification of the documentation submitted by the Contractor to the Engineer.	During the Task implementation period, continuous monitoring.
144	Protection of health and safety of people	<b>Conditions of employment of young workers</b> In connection with the execution of the Contract, Contractor may employ only such a juvenile who is at least 15 years old, has completed primary school of at least eight years duration and has presented a 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).	Task implementation area	Contractor's Team	Visual monitoring. Check of employees' documentation.	During the Task implementation period, continuous monitoring with monthly reporting.
				Engineer's Team	Visual monitoring. Verification of the documentation submitted by the Contractor to the Engineer.	During the Task implementation period, continuous monitoring.
145	Protection of health and safety of people	<b>Health and Safety Supervision by the Contractor</b> 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. 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 the work safety and accident risk during the execution of the Task.	Task implementation area	Contractor's Team	Visual monitoring. Check of employees' documentation.	During the Task implementation period, continuous monitoring with monthly reporting.
				Engineer's Team	Visual monitoring. Verification of the documentation submitted by the Contractor to the Engineer.	During the Task implementation period, continuous monitoring.

Environmental Management Plan

Contract 1.B.5/2 - Reconstruction of the bridge to ensure minimum clearance - road bridge in km 2.45 of the Warta River in Kostrzyn nad Odrą

Item	Issue	Subject of monitoring	Place of monitoring	Responsible party	Monitoring method	Period and frequency of monitoring
145	Protection of health and safety of people	<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"> <li>ensuring equal pay for employees performing the same work without taking into account gender, sexual orientation or age.</li> <li>ensuring that persons employed in the Contract are not persecuted or discriminated against on the basis of gender, sexual orientation and age.</li> <li>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.</li> <li>ensuring by the Contractor to make it easier for employees to improve their professional qualifications.</li> </ul>	Task implementation area	Contractor's Team	Visual monitoring. Check of employees' documentation. Check of compliance with the procedures described in particular Contractor's documents and the legal provisions.	During the Task implementation period, continuous monitoring with monthly reporting.
				Engineer's Team	Verification of the documentation submitted by the Contractor to the Engineer. Direct random checks of compliance with the procedures described in particular Contractor's documents and the legal provisions.	During the Task implementation period, continuous monitoring.
<b>S GUIDELINES FOR DEALING WITH THE SITUATION IN THE EVENT OF AN EPIDEMIC OR EPIDEMIC EMERGENCY STATE IN FORCE DURING THE EXECUTION OF WORKS</b>						
146	Protection of health and safety of people	<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> <p>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</p>	Task implementation area	Contractor's Team	Visual monitoring.	During the Task implementation period, on an ongoing basis, not less frequently than once a week in case of an accident covered by the condition.
				Engineer's Team	Visual monitoring. Verification of the documentation submitted by the Contractor to the Engineer.	During the Task implementation period, on an ongoing basis, not less frequently than once a month in case of an accident covered by the condition.

Environmental Management Plan

Contract 1.B.5/2 - Reconstruction of the bridge to ensure minimum clearance - road bridge in km 2.45 of the Warta River in Kostrzyn nad Odrą

Item	Issue	Subject of monitoring	Place of monitoring	Responsible party	Monitoring method	Period and frequency of monitoring
		<p>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,</p> <p>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,</p> <p>c) implement relevant recommendations of the World Bank and sanitary services in the Republic of Poland,</p> <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</p>				

Environmental Management Plan

Contract 1.B.5/2 - Reconstruction of the bridge to ensure minimum clearance - road bridge in km 2.45 of the Warta River in Kostrzyn nad Odrą

Item	Issue	Subject of monitoring	Place of monitoring	Responsible party	Monitoring method	Period and frequency of monitoring
		<p>personnels at least in the scope of:</p> <ul style="list-style-type: none"> <li>i. updated procedures and documents,</li> <li>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,</li> <li>iii. procedures in case of noticing symptoms of the disease in oneself and others,</li> <li>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,</li> <li>v. applicable procedures for signalling infringements or reporting complaints by employees,</li> <li>vi. waste handling - e.g. masks, gloves, disinfectants and cleaning products</li> </ul> <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>				
<b>T</b>	<b>REQUIREMENTS FOR CARRYING OUT ENVIRONMENTAL MONITORING</b>					
<b>147</b>	Protection of water and soils	<b>Tightness check of tanks</b>  Regular leakage checks should be carried out on machine fuel tanks and tanks where fuels and oils are stored.	Task implementation area	Contractor's Team	Visual monitoring.	During the Task implementation period, on an ongoing basis, at least once a week.
				Engineer's Team	Visual monitoring. Verification of the documentation submitted by the	During the Task implementation period, on an

Environmental Management Plan

Contract 1.B.5/2 - Reconstruction of the bridge to ensure minimum clearance - road bridge in km 2.45 of the Warta River in Kostrzyn nad Odra

Item	Issue	Subject of monitoring	Place of monitoring	Responsible party	Monitoring method	Period and frequency of monitoring
					Contractor to the Engineer.	ongoing basis, at least once a month.
148	Protection of water and soils	<b>Preventing the emission of petroleum-derivative pollutants</b> For the whole duration of the Task implementation, the technical condition of working vehicles, machines and equipment should be checked on an ongoing basis in order to eliminate leaks of petroleum hydrocarbons to the ground and water.	Task implementation area	Contractor's Team	Visual monitoring.	During the Task implementation period, on an ongoing basis, at least once a week.
				Engineer's Team	Visual monitoring. Verification of the documentation submitted by the Contractor to the Engineer.	During the Task implementation period, on an ongoing basis, at least once a month.
149	Protection of water and soils	<b>Visual and organoleptic assessment of earth masses</b> During the execution of the earthworks, the Contractor will continuously assess and verify the quality of the excavated earth masses in terms of any possible changes in colour, smell and consistency.	Task implementation area	Contractor's Team	Visual monitoring.	During the Task implementation period, on an ongoing basis, at least once a week.
				Engineer's Team	Visual monitoring. Verification of the documentation submitted by the Contractor to the Engineer.	During the Task implementation period, on an ongoing basis, at least once a month.
<b>U</b>	<b>REQUIREMENTS CONCERNING THE CHECK OF COMPLIANCE WITH THE RECORDS OF DOCUMENTS PREPARED BY THE CONTRACTOR</b>					
146	Implementation and reporting on the EMP implementation	During the execution of the Task, the Contractor shall verify on an ongoing basis that the principles set forth in the documents prepared prior to the commencement of works are observed and shall update them if necessary. In particular, it will concern the following documents: the traffic organisation and works protection project, the construction site organisation project, the Health and Safety Protection (BIOZ) plan, the waste management plan, the construction site flood management plan for the duration of the works, the spillage procedure, the quality assurance plans, the ESHS Management Strategy and Implementation Plans.	Task implementation area	Contractor's Team	Check of compliance with the procedures described in individual documents.	During the implementation of the Task, on an ongoing basis, at least once a week.
			Task implementation area	Engineer's Team	Verification of the documentation submitted by the Contractor to the Engineer. Direct random checks of the Contractor's compliance with the procedures described in individual documents.	During the Task implementation period, on an ongoing basis, at least once a month.