

Attachment 2 - Plan of monitoring actions

In this Attachment to the Environmental Management Plan for the Odra - Vistula Flood Management Project - Contract 1B.3/2 - Stage II - The construction of docking-mooring infrastructure on Lower Odra River and on boundary sections of Odra River as well as new aids to navigation, the monitoring actions have been presented. The costs and time schedule for the implementation of these activities should be included in the Bid.

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

- 1) the activities listed in items 1 to 96 of the Attachment 2 of the EMP relate to the monitoring of the implementation of mitigation measures listed in items 1 to 96 of the Attachment 1 of the EMP (listed 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 remedying 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 remedying 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 79 in the Attachment 1 of 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) preparation of photographic documentation if it is necessary to document the occurrence of events or the implementation of actions 2) a site investigation carried out by the Engineer.

Environmental Management Plan

Contract 1B.3/2 Stage II - The construction of docking-mooring infrastructure on Lower Odra River and on boundary sections of Odra River as well as new aids to navigation

Items	Issue	Subject of monitoring	Place of monitoring	Responsible party	Monitoring method	Period and frequency of monitoring
A	REQUIREMENTS FOR THE TASK IMPLEMENTATION SCHEDULE					
1	Schedule of works	<p>Terms and conditions of the EMP concerning the dates of works When establishing the schedules of works and at the stage of their execution, the Contractor shall take into account the conditions of the EMP concerning dates and times of various types of works to be carried out, including:</p> <ul style="list-style-type: none"> a) permissible dates for works in the Odra riverbed (see item 32); b) permissible hours for execution of works (see item 38); c) permissible dates for execution of works in the land part (see item 33) d) permissible dates for removal of rushes (see item 23). 	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 of 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.
2	Schedule of works	<p>Terms and conditions of the EMP concerning activities to be carried out prior to the commencement or at the initial stage of works. When establishing the schedules of works and at the stage of their execution, the Contractor shall take into account the conditions of the EMP concerning activities to be carried out before the commencement or at the initial stage of works, including:</p> <ul style="list-style-type: none"> a) conditions concerning the execution and equipping of construction backup facilities (see items 18, 47, 48, 55, 56, 63, 64); b) conditions concerning the transport service for the construction site (see items 3-17) 	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 of 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 1B.3/2 Stage II - The construction of docking-mooring infrastructure on Lower Odra River and on boundary sections of Odra River as well as new aids to navigation

Items	Issue	Subject of monitoring	Place of monitoring	Responsible party	Monitoring method	Period and frequency of monitoring
		c) condition concerning carrying out a one-off environmental inventory (see item 26); d) conditions concerning preparation of documents (see items 4, 20, 25, 54, 57-60, 67); e) conditions for obtaining the Engineer's approval for the person of the coordinator for the implementation of the EMP and the composition of the environmental supervision team and the sapper's supervision team (see items 79, 80, 82); f) conditions for training on EMP implementation rules (see item 78); g) conditions for carrying out other types of training (see items 64, 66, 81, 89, 94).		Engineer's Team	Verification of the documentation submitted by the Contractor to the Engineer. Ongoing monitoring of implementation of particular terms and conditions of EMP listed in item 2 of the Attachment 1 of the EMP (as given in the descriptions for these items in the Attachment 2).	During the Task implementation period (including, among other things, prior to the commencement of works and during the works period) - on an ongoing basis, at least once a month.
B REQUIREMENTS FOR THE TRANSPORT SERVICE OF THE TASK IMPLEMENTATION AREA						
	Protection of health and safety of people, protection of material goods, protection of soil surface	Conditions for using access roads to the Task implementation area Transport related to the implementation of the Task will be carried out mainly by waterway. In the event of the use of access roads to the Task implementation area in a given location of a berthing place, the following conditions shall apply (the conditions are specified in items 3 - 13) :	Task implementation area and access roads to the Task implementation area together with their surroundings			
3		a) Access to the Task implementation area shall be determined on the basis of the existing roads.		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.
4		b) The Contractor shall prepare a design of traffic organisation and works protection for the duration of the Task implementation in	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 1B.3/2 Stage II - The construction of docking-mooring infrastructure on Lower Odra River and on boundary sections of Odra River as well as new aids to navigation

Items	Issue	Subject of monitoring	Place of monitoring	Responsible party	Monitoring method	Period and frequency of monitoring
		accordance with the provisions contained in the Technical Specifications and requirements of road authorities concerning transport routes and conditions of their use.			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.
5		c) The Contractor shall agree with the road authorities on the design of traffic organisation and works protection. The Contractor shall organise the traffic according to the agreed design (marking and securing of works and marking of diverted traffic and recommended road signs associated with the change of traffic organisation, etc.).		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.
6		d) Prior to the commencement of works, the Contractor shall submit to the Engineer for approval, as agreed with the road authorities and the traffic management authority, a traffic organisation and works protection design. Depending on the needs and progress of the works, the traffic organisation and works protection design shall be kept updated by the Contractor.		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.
7		e) The Contractor shall ensure that all access roads to the Task implementation area are properly marked, in accordance with the applicable law and agreements with the relevant road authorities. These markings shall be regularly inspected by the Contractor; in the event of damage or theft of the markings, the Contractor shall immediately reconstruct or supplement them.		Contractor's Team	Visual monitoring.	During the implementation, 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 maintain the hardened areas in good technical condition within the Task implementation area, within which the		Contractor's Team	Visual monitoring.	During the Task implementation period, on an ongoing basis, at least once a week.

Environmental Management Plan

Contract 1B.3/2 Stage II - The construction of docking-mooring infrastructure on Lower Odra River and on boundary sections of Odra River as well as new aids to navigation

Items	Issue	Subject of monitoring	Place of monitoring	Responsible party	Monitoring method	Period and frequency of monitoring
		traffic of vehicles will take place.		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 be liable for any damage to structures and buildings, roads, drainage ditches, culverts, water and gas pipelines, pillars and power lines, cables, geodetic network points and installations of any kind, and other objects such as vertical and horizontal signs, navigation signs, information boards, cultural goods objects, etc., caused by him or his Subcontractors during the Task implementation period. 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 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 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.
11		i) The Contractor shall obtain all necessary permits from the authorities for the carriage of non-standard cargo and shall notify the Engineer of any such carriage on a continuous basis.		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.
				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.
12		j) 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		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.

Environmental Management Plan

Contract 1B.3/2 Stage II - The construction of docking-mooring infrastructure on Lower Odra River and on boundary sections of Odra River as well as new aids to navigation

Items	Issue	Subject of monitoring	Place of monitoring	Responsible party	Monitoring method	Period and frequency of monitoring
		located in the vicinity of transport roads for building materials.		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.
13		k) Prior to the commencement of works, the Contractor shall carry out local inspections in the presence of road authorities, as the result of which reports on the condition of access roads to the Task implementation area will be drawn up. On this basis, the Contractor shall be obliged to restore the technical condition of roads from before the Task implementation period.		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.	
14	Protection of wildlife	Possible use of the dirt road between the construction site of the berthing place and approx. 600.4 km is allowed outside the breeding period of the red kite (from March 1 to August 31), due to the nest located here.	Task implementation Area in the location of Pławidło	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.
	Protection of health and safety of people, protection of material goods	Conditions related to the use of waterways	Task implementation area and waterways			
15		a) The Contractor shall be liable for any damage to structures, navigational signs of waterways and other engineering structures and technical infrastructure caused by the Contractor or its Subcontractors during the execution of the works, including the transport of dredging spoil and equipment. 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.
16		b) The Contractor shall be obliged to prepare photographic documentation of the entire Task implementation area, with particular emphasis on the technical condition of the		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 until the condition is met.

Environmental Management Plan

Contract 1B.3/2 Stage II - The construction of docking-mooring infrastructure on Lower Odra River and on boundary sections of Odra River as well as new aids to navigation

Items	Issue	Subject of monitoring	Place of monitoring	Responsible party	Monitoring method	Period and frequency of monitoring
17		infrastructure indicated in item a);		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.
		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.
C REQUIREMENTS FOR THE LOCATION OF CONSTRUCTION SITE FACILITIES						
18	Protection of wildlife	No land based construction site backup facilities are envisaged. The Contractor shall provide construction site backup facilities on board the vessels.	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.
D REQUIREMENTS FOR DREDGING WORKS AND SPOIL MANAGEMENT						
19	Protection of water and soil	Testing the quality of sediments for removal The contractor will carry out verification tests of the quality of sediments to be removed in locations selected on the basis of bottom surveys (carried out after the mooring sites are completed) in order to carry out the necessary dredging/pre-treatment works The required scope and methodology of testing are specified in the Regulation of the Minister of the	Task implementation area	Contractor's team	Visual monitoring. Verification of the documentation on how to manage spoil and verification of test documentation.	During the Task implementation period (having selected the location for the necessary dredging/pre-treatment works) – 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 (having selected the location for the necessary dredging/pre-treatment works) – on an ongoing basis, at least

Environmental Management Plan

Contract 1B.3/2 Stage II - The construction of docking-mooring infrastructure on Lower Odra River and on boundary sections of Odra River as well as new aids to navigation

Items	Issue	Subject of monitoring	Place of monitoring	Responsible party	Monitoring method	Period and frequency of monitoring
		<p>Environment of 11 May 2015 on the recovery of waste other than installations and devices (Journal of Laws of 2015, item 796).</p> <p>The contractor will also carry out verification tests of spoil if required by the Dredging works plan and the spoil management plan (see item 20), the method of management (in accordance with the requirements of the sediment recipient) or in the event of the situation indicated in item 21.</p> <p>The Contractor will submit reports on sludge quality tests to the Engineer.</p>				once a month.
20	Protection of water and soil	<p>Dredging works plan and the spoil management plan</p> <p>The Contractor will prepare a Dredging works plan and a spoil management plan in accordance with the description in chapter 6.14 of the EMP for dredging works in location selected on the basis of bottom surveys (conducted once the mooring sites are completed) in order to conduct necessary dredging/pre-treatment works.</p> <p>Spoil management method should be determined in accordance with the provisions for waste management, in accordance with the results of laboratory tests determining the degree of spoil contamination (see item 19).</p> <p>The dredging works plan and the spoil management plan need the Engineer's approval before dredging works commence.</p>	Task implementation area	Contractor's Team	Visual monitoring. Verification of documentation concerning the spoil management and verification of testing documentation.	During the Task implementation period (having selected the location for the necessary dredging/pre-treatment works) – 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 (having selected the location for the necessary dredging/pre-treatment works) – on an ongoing basis, at least once a month.

Environmental Management Plan

Contract 1B.3/2 Stage II - The construction of docking-mooring infrastructure on Lower Odra River and on boundary sections of Odra River as well as new aids to navigation

Items	Issue	Subject of monitoring	Place of monitoring	Responsible party	Monitoring method	Period and frequency of monitoring
21	Protection of water and soil	<p>Quality control of spoil during dredging operations</p> <p>If, as the result of current assessment and verification of spoil quality (see monitoring activity, item 97 in the Attachment 2 to the EMP), changes in the parameters and appearance of the spoil (e.g. colour, smell, consistency) are found:</p> <p>-The Contractor shall carry out control tests and determine the quality of the batch of spoil, in which changes in the parameters and appearance of spoil have been found, in accordance with applicable regulations (i.e. the Waste Act, the Environmental Protection Act and the executive acts of the aforementioned Acts). The tests should be carried out by laboratories accredited for such tests.</p> <p>If the presence of contaminated spoil is found, the Contractor shall handle the batch of contaminated spoil in accordance with the provisions of item 22: "Contaminated dredging spoil management".</p> <p>The contractor shall ensure the temporary storage of batches of suspected contaminated spoil until the results of the laboratory tests are available. The technology and conditions concerning the method of temporary storage of the spoil will be described by the Contractor in the Dredging works plan and the spoil management plan (see item 20). The adopted technology must not cause pollution of the environment.</p>	Task implementation area	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.
				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.
22	Protection of water and soil	<p>Contaminated dredging spoil management</p> <p>According to the results of the sediment quality surveys and their classification in this respect (see items 19 and 21), contaminated earth masses will be transported by water to transshipment points for land transport and then, after transshipment by land to appropriate landfills or to an authorised waste recipient.</p> <p>The exact locations of the target landfills, to which contaminated earth masses will be transported or waste recipients - will be selected by the Contractor</p>	Task implementation area	Contractor's Team	Visual monitoring. Verification of documentation concerning the soil quality and compliance with relevant regulations.	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 1B.3/2 Stage II - The construction of docking-mooring infrastructure on Lower Odra River and on boundary sections of Odra River as well as new aids to navigation

Items	Issue	Subject of monitoring	Place of monitoring	Responsible party	Monitoring method	Period and frequency of monitoring
		<p>and must be approved in advance by the Engineer. These landfills must meet the requirements of the law with regard to the possibility of storing soil with different levels of pollution, and waste recipients must ensure the management of contaminated spoil in accordance with the Waste Act.</p> <p>The transshipment works technology, including the conditions for the temporary storage of earth masses, will be described by the Contractor in the Quality Assurance Plan, which must be approved by the Engineer before the commencement of the works included therein. The adopted technology must not cause pollution of the environment within the adjacent areas.</p> <p>The method and the procedure of managing contaminated spoil shall be presented in the Dredging plan and the spoil management plan (see item 20).</p>				
E	REQUIREMENTS FOR REMOVAL OF RUSHES					
23	Protection of wildlife	Permissible dates for removal of rushes Removal of rushes that interfere with the planned Task should be carried out in the period of 01.10 - 28.02, i.e. outside the bird breeding season.	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.
24	Protection of wildlife	Conditional removal of rushes outside the permissible date If it is necessary to remove the rushes during the bird breeding season, immediately before the cutting is carried out, an ornithologist should carry out a visual inspection for the presence of bird habitats within the rushes, as indicated in item 79; in	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.

Environmental Management Plan

Contract 1B.3/2 Stage II - The construction of docking-mooring infrastructure on Lower Odra River and on boundary sections of Odra River as well as new aids to navigation

Items	Issue	Subject of monitoring	Place of monitoring	Responsible party	Monitoring method	Period and frequency of monitoring
		case the above habitats are found, in accordance with the registered habitats, appropriate permits should be obtained to derogate from the prohibitions applicable to particular protected fauna species (based on the rules specified in accordance with the applicable regulations) - see also items 28 - 31.		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.
H	REQUIREMENTS FOR THE CONSERVATION OF PROTECTED NATURAL RESOURCES					
25	Protection of wildlife	In order to avoid damage to marginal lake habitats, spawning disturbances, migration of fish and other aquatic organisms, the Contractor shall present, in the Quality Assurance Plan, a schedule and a plan of works, developed in consultation with the environmental supervision team (referred to in item 79). The Quality Assurance Plan must be approved by the Engineer before the start of the works included therein. The Contractor shall update the provisions of the above mentioned Quality Assurance Plan in accordance with the recommendations of the environmental supervision team, resulting from the observation of a one-off nature inventory (see item 26.) or current inspections of the environmental supervision team (see item 27.).	Task implementation area	Contractor's Team	Verification of documents. Check of the participation of experts in the Contractor's team.	One time, prior to the commencement of works and each time the documents are changed.
				Engineer's Team	Verification of the documentation submitted by the Contractor to the Engineer. Checking the participation of required experts.	One time, prior to the commencement of works and each time the documents are changed.

Environmental Management Plan

Contract 1B.3/2 Stage II - The construction of docking-mooring infrastructure on Lower Odra River and on boundary sections of Odra River as well as new aids to navigation

Items	Issue	Subject of monitoring	Place of monitoring	Responsible party	Monitoring method	Period and frequency of monitoring
26	Protection of wildlife	<p>One-off environmental inventory of the Task implementation area before the commencement of works</p> <p>Before commencing the works, the environmental supervision team, referred to in item 80, shall carry out a one-off nature inventory of the Task implementation area. In particular, the riverside strip and the waters of the Odra River must be inspected visually, in particular in terms of the presence of fringed water lily (<i>Nymphoides peltata</i>). 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 items 28 - 31.</p> <p>The environmental supervision team shall designate protected habitats and sites of protected species that require protection against physical destruction during the implementation phase. The Contractor will mark with contrasting tape protected habitats and stands of protected species for the duration of the works (see also items 40 - 43).</p> <p>Within the measure the Contractor's environmental supervision team will also carry out an assessment of the habitats of game species.</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 environmental supervision team (referred to in item 79), etc. Check of the participation of the required experts 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.
27	Protection of wildlife	<p>Ongoing inspections of the environmental supervision team during the Task implementation period</p> <p>Works and other works carried out during the Task implementation period shall be carried out under the current supervision of the environmental supervision team (referred to in item 80). Experts, in accordance with the speciality and type</p>	Task implementation area	Contractor's Team	Visual monitoring. Control of participation and arrangements of required experts.	During the Task implementation period, on an ongoing basis, at least once a week.

Environmental Management Plan

Contract 1B.3/2 Stage II - The construction of docking-mooring infrastructure on Lower Odra River and on boundary sections of Odra River as well as new aids to navigation

Items	Issue	Subject of monitoring	Place of monitoring	Responsible party	Monitoring method	Period and frequency of monitoring
		of works carried out, should, inter alia, 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 Team responsible for carrying out the works in accordance with the conditions of the EMP. Written minutes attached to the monthly reports on the implementation of the conditions of the EMP (referred to in item 83) should be drawn up from the executed inspections.		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.
	Protection of wildlife	Obtaining a decision allowing for derogations from the rules on the plant, fungi and animal species protection If the presence of habitats or sites of protected species of flora and fauna is found in the Task implementation area prior to the commencement of works as a part of a one-off nature inventory indicated in item 26 or during the construction works (see also item 27), the following conditions shall apply (indicated in items 28-31):	Task implementation area			
28		a) The Contractor shall obtain and submit for the Engineer's approval a written opinion of the environmental supervision team (referred to in item 80) 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 environmental supervision team (referred to in item 79), etc. Check of the participation of the required experts in the Contractor's team.	During the Task implementation period, each time a situation covered by the condition occurs.
				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, on an ongoing basis, at least once a month.

Environmental Management Plan

Contract 1B.3/2 Stage II - The construction of docking-mooring infrastructure on Lower Odra River and on boundary sections of Odra River as well as new aids to navigation

Items	Issue	Subject of monitoring	Place of monitoring	Responsible party	Monitoring method	Period and frequency of monitoring
					Ongoing inspections of the fulfilment of current duties by experts in the Contractor's team.	
29		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	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 environmental supervision team (referred to in item 79), etc. Check of the participation of the required experts in the Contractor's team.	During the Task implementation period, each time a situation covered by the condition occurs.
				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. Ongoing inspections of the fulfilment of current duties by experts in the Contractor's team.	During the Task implementation period, on an ongoing basis, at least once a month.
30		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 Team	Verification of the documentation submitted by the Contractor to the Engineer.	During the Task implementation period, each time a situation covered by the condition occurs.
31		d) The Contractor shall precisely and timely implement the conditions contained in the above mentioned decisions [see also items 80, 81 and 86] and already obtained decisions (Attachment 8 to EMP).		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	During the Task implementation period, each time a situation covered by the condition occurs.

Environmental Management Plan

Contract 1B.3/2 Stage II - The construction of docking-mooring infrastructure on Lower Odra River and on boundary sections of Odra River as well as new aids to navigation

Items	Issue	Subject of monitoring	Place of monitoring	Responsible party	Monitoring method	Period and frequency of monitoring
					the experts of the environmental supervision team (referred to in item 79), etc. Check of the participation of the required experts in the Contractor's team.	
				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. Ongoing inspections of the fulfilment of current duties by experts in the Contractor's team.	During the Task implementation period, on an ongoing basis, at least once a month.
32	Protection of Wildlife, protection of surface water	Dates for execution of works in the Odra riverbed Works interfering with the Odra riverbed shall be carried out outside the spawning period of fish and spawn incubation, i.e. outside the period from 1 March to 30 June.	Task implementation area	Contractor's Team	Visual monitoring. Verification of the works schedule.	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.
33	Protection of wildlife	Protection of herpetofauna The works aimed at disturbing the river bank will be carried out between 30 September and 1 April, when the activity of reptiles and amphibians is minimal. In case of a berthing place in Osinów Dolny, in the period from 30 September to 15 March.	Task implementation area	Contractor's Team	Visual monitoring. Verification of the works schedule.	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.
34	Protection of wildlife	In order to protect natural habitats, works will be carried out from the water side.	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 1B.3/2 Stage II - The construction of docking-mooring infrastructure on Lower Odra River and on boundary sections of Odra River as well as new aids to navigation

Items	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.
35	Protection of wildlife	Works interfering with the riverbed will only be carried out within the designed berthing places for icebreakers.	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.
36	Protection of wildlife	<p>Action mitigating environmental damage by recovering the fauna individuals excavated during dredging works and transporting them to a safe place.</p> <p>The dredging works carried out in the Odra riverbed will be subject to permanent environmental supervision by the ichthyologist expert referred to in item 80. Observations on the drawing up animals with river sediments and works on the relocation of individuals shall be carried out continuously during dredging works. If animals are found in the excavated sediments, they should be taken out and moved to temporary containers with river water. The retention time of organisms in temporary containers should be limited as much as possible, as indicated by the abovementioned ichthyologist expert. If necessary, use aeration (e.g. from a compressed oxygen cylinder). Caught animals should be displaced within a short distance of the investment but into places where: 1) dredging works have not been carried out so far; 2) construction and dredging works are not planned at later stages; 3) habitats are identical or similar to those in which fauna was present.</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.

Environmental Management Plan

Contract 1B.3/2 Stage II - The construction of docking-mooring infrastructure on Lower Odra River and on boundary sections of Odra River as well as new aids to navigation

Items	Issue	Subject of monitoring	Place of monitoring	Responsible party	Monitoring method	Period and frequency of monitoring
37	Protection of Wildlife, protection of surface water	<p>Protection of fish fauna against increased concentration of suspended solids in the Odra River water</p> <p>The dredging works shall be carried out in accordance with the following rules:</p> <p>a) in case concentrations of suspended solids higher than 200 mg/l or dissolved oxygen concentrations of < 4 mg O₂/l (at monitoring points located approx. 200 m below the work execution site) are found, the intensity of works should be limited (introduce 2-hour breaks every 2 hours) and if concentrations of >400 mg/l of suspended solids or <3 mg O₂/l dissolved oxygen are found, the works should be stopped immediately for at least 24 hours,;</p> <p>b) resumption of works after any break caused by exceeding the suspended solids concentration must be preceded by re-measurement of the suspended solids concentration at monitoring points;</p> <p>c) resumption of works may take place only in conditions of the suspended solids concentration below 200 mg/l at monitoring points.</p> <p>Monitoring of suspended solids should be carried out on a daily basis, with measurement after at least 2 hours of work (with normal intensity). If the concentration exceeds 200 mg/l, the measurement must be repeated after a 2-hours break in works. In parallel with the measurement of suspended solids, dissolved oxygen concentration will be measured. If the value is below 4 mg O₂/l, the works will be stopped for a minimum of 2 hours, and if the value is below 3 mg O₂/l - for a minimum of 24 hours. The oxygen concentration should be measured in the</p>	Task implementation area	Contractor's Team	Visual monitoring. Control of measurement of suspended solids concentration in the Odra River water. Check of the documentation submitted by the Contractor to the Engineer.	During the Task implementation period (during the execution of dredging works), on an ongoing basis, at least once a day.
				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 week.

Environmental Management Plan

Contract 1B.3/2 Stage II - The construction of docking-mooring infrastructure on Lower Odra River and on boundary sections of Odra River as well as new aids to navigation

Items	Issue	Subject of monitoring	Place of monitoring	Responsible party	Monitoring method	Period and frequency of monitoring
		middle of the water column - approx. 1.0 m below the surface.				
38	Protection of wildlife	Protection of bat fauna If work is carried out from the beginning of May to mid-August, which is the breeding season for animals, the noise generated by the mechanical equipment will be minimised by working only during the day, i.e. from sunrise to sunset.	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.
39	Protection of wildlife	Protection of bird fauna Due to the breeding of birds in the vicinity of the Task implementation area of species subject to protection, works related to the implementation of the Task should be carried out in the period from 1 October to 31 March.	Task implementation area (excluding location in the area of Szczecin)	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.
40	Protection of wildlife	Protection of natural habitats The contractor shall secure the area of natural habitat 91F0 - an oak, elm and ash riparian forest,	Task implementation area in the	Contractor's Team	Visual monitoring. Checking the participation and arrangements of required experts.	During the Task implementation period (including, among other things, prior to the

Environmental Management Plan

Contract 1B.3/2 Stage II - The construction of docking-mooring infrastructure on Lower Odra River and on boundary sections of Odra River as well as new aids to navigation

Items	Issue	Subject of monitoring	Place of monitoring	Responsible party	Monitoring method	Period and frequency of monitoring
		located in the immediate vicinity, e.g. by using a temporary fence to eliminate accidental damage during the works. Indication of places where the fence is to be made belongs to the tasks of the Contractor's environmental supervision referred to in the item 80. The Contractor shall monitor the condition of the fence and shall carry out any necessary repairs.	location of Zatoń Dolna			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. Checking the participation of required experts. Verification of the documentation submitted by the Contractor to the Engineer.	During the Task implementation period (including, among other things prior to the commencement of works and during the works period), on an ongoing basis, not less frequently than once a month.
41	Protection of wildlife	Protection of sites of protected species of flora The Contractor shall mark with a contrasting tape the area of presence of the marsh spurge <i>Euphorbia palustris</i> and shining spurge <i>Euphorbia lucida</i> for the duration of the works in order to protect this area from interference and accidental damage during the works. Indication of the places where the marking has been made is the responsibility of the Contractor's environmental supervision referred to in the item 80. The Contractor shall monitor the condition of the fence and carry out all necessary repairs.	Task implementation on area in the location of Pławidło, Osinów Dolny	Contractor's Team	Visual monitoring. Checking the participation and agreement of required experts.	During the Task implementation period (including, among other things, 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. Checking the participation of required experts. Verification of the documentation submitted by the Contractor to the Engineer.	During the Task implementation period (including, among other things prior to the commencement of works and during the works period), on an ongoing basis, not less frequently than once a month.
42	Protection of wildlife	Protection of sites of protected species of flora For the duration of the works, the area of the presence of dwarf everlast (<i>Helichrysum arenarium</i>) and habitat 3270 - flooded muddy river banks - shall be marked by the Contractor with a contrasting tape in order to protect this place against interference and accidental damage during the works.	Task implementation on area in the location of Kunice	Contractor's Team	Visual monitoring. Checking the participation and agreement of required experts.	During the Task implementation period (including, among other things, prior to the commencement of works and during the works period), on an ongoing basis, not less frequently than once a week

Environmental Management Plan

Contract 1B.3/2 Stage II - The construction of docking-mooring infrastructure on Lower Odra River and on boundary sections of Odra River as well as new aids to navigation

Items	Issue	Subject of monitoring	Place of monitoring	Responsible party	Monitoring method	Period and frequency of monitoring
		Indication of the places where the marking has been made is the responsibility of the Contractor's environmental supervision referred to in item 80. The Contractor shall monitor the condition of the fence and carry out all necessary repairs.				and each time in case of occurrence of situations covered by the condition.
				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 (including, among other things prior to the commencement of works and during the works period), on an ongoing basis, not less frequently than once a month.
43	Protection of wildlife	Minimising the impact on beavers (<i>Castor fiber</i>) The Contractor will carry out the works under supervision of teriologist, who after the completion of the investment will assess the impact of the investment on the beaver family inhabiting the investment area will and indicate possible measures to mitigate the impact of mooring icebreakers.	Task implementati on area in the location of Zatoń Dolna	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.
G	REQUIREMENTS FOR THE PREVENTION OF ENVIRONMENTAL POLLUTION (INCLUDING THE LIMITATION OF EMISSIONS INTO THE ENVIRONMENT)					
44	Protection of water and soil, protection of wildlife	Use of construction materials complying with the regulations and standards and environmentally friendly The investment will be carried out using solely the raw materials and construction materials (such as gravel, sand, stone, fascine), which will not cause any deterioration of the environment in relation to the existing condition. The construction materials to be used must have certificates and technical approvals allowing them to be used in the construction industry.	Task implementati on 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 Task implementation period, on an ongoing basis, at least once a month.

Environmental Management Plan

Contract 1B.3/2 Stage II - The construction of docking-mooring infrastructure on Lower Odra River and on boundary sections of Odra River as well as new aids to navigation

Items	Issue	Subject of monitoring	Place of monitoring	Responsible party	Monitoring method	Period and frequency of monitoring
45	Protection of water and soil	<p>Technical functionality and maintenance of vehicles, machinery and equipment</p> <p>The following conditions shall apply to the technical performance and maintenance of vehicles, machines and equipment:</p> <ul style="list-style-type: none"> • construction and dredging works shall be carried out using only technically operational machinery, in such a way as to prevent pollution from getting into water and soil; • The Contractor shall continuously carry out current inspections of the condition of vehicles, machinery and equipment and eliminate the possibility of any pollution entering the soil and water environment, including in particular the occurrence of spillage of fuels, hydraulic oils and petroleum-derivative substances, both during servicing, transport and operation of vehicles, machinery and equipment with available organisational means. • The vessels used in the implementation of the Task should be maintained in a technical condition ensuring proper protection of waters against pollution by harmful substances, in particular petroleum-derivative substances. 	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.
46	Protection of water and soil	<p>Procedure in case of emissions of petroleum-derivative pollutants</p> <p>In the event of an emergency leakage of petroleum-derivative substances or other consumables into the soil or water, it is necessary to proceed with the immediate neutralisation of the leakage, its collection and transfer to entities authorised to manage waste for disposal.</p> <p>In the case of major accidents, use the procedures described in item 68.</p>	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 circumstances 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 - prophylactically on an ongoing basis, at least once a month, and each time in case of occurrence of circumstances covered by the condition.

Environmental Management Plan

Contract 1B.3/2 Stage II - The construction of docking-mooring infrastructure on Lower Odra River and on boundary sections of Odra River as well as new aids to navigation

Items	Issue	Subject of monitoring	Place of monitoring	Responsible party	Monitoring method	Period and frequency of monitoring
47	Protection of water and soil	Equipping with sorbents At each section of the works (individual berthing places), adequate quantity of sorbents (suitable for use on solid surfaces and waters), necessary for use in the event of uncontrolled leakages of petroleum-derivative substances, should be provided on vessels, in accordance with the developed spillage procedure described in detail in item 6.14 of the text of the EMP. Stands with sorbents should be located in the vicinity of places designated for the servicing of vehicles, machinery and equipment in the Task implementation area.	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.
48	Protection of waters	Possession of oil spill containment booms on water 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 - in accordance with the developed spillage procedure described in detail in item 6.14 of the text of the EMP.	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.
49	Protection of waters	Refuelling of floating equipment Refuelling will take place at the place designated for refuelling. If it is necessary to obtain a separate permit from the Director of the Inland Navigation Office in Szczecin to locate a bunkering or stopping place for a fuel ship and the manner of its operation, the Contractor shall obtain such a permit.	Task implementation area (water part)	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.
50	Protection of acoustic climate	Restricting works to daytime Construction works shall only be carried out during the daytime (6:00 - 22:00).	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 1B.3/2 Stage II - The construction of docking-mooring infrastructure on Lower Odra River and on boundary sections of Odra River as well as new aids to navigation

Items	Issue	Subject of monitoring	Place of monitoring	Responsible party	Monitoring method	Period and frequency of monitoring
51	Protection of acoustic climate, air protection	Reducing noise and exhaust gases emissions from vehicles, machinery and equipment a) During the Task implementation period, the least acoustically onerous construction technologies should be used for execution of construction works, e.g. use vehicles, machines and equipment with the lowest possible noise levels and fully functional; switch off engines and equipment that are not working at a given moment, do not overload machines and vehicles, limit the operating time of engines at the highest revolutions, maintain good work organisation; b) During the Task implementation period, only technically functional vehicles, machines and equipment with sound emission (acoustic power) and exhaust gases emission in accordance with the applicable regulations shall be used.	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.
	Air protection, protection of acoustic climate	Reducing air pollution by exhaust gases In order to reduce the negative impact on the air condition:	Task implementation area			
52		a) avoid leaving machines, vehicles or vessels idle during breaks in their work;		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.
53		b) vehicles and vessels should be parked with the engine turned off.		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.
H	REQUIREMENTS FOR WASTE AND WASTE WATER MANAGEMENT					

Environmental Management Plan

Contract 1B.3/2 Stage II - The construction of docking-mooring infrastructure on Lower Odra River and on boundary sections of Odra River as well as new aids to navigation

Items	Issue	Subject of monitoring	Place of monitoring	Responsible party	Monitoring method	Period and frequency of monitoring
54	Protection of water and soil	Preparation of Waste Management Plan (WMP) Prior to the commencement of works, the Contractor shall prepare a Waste Management Plan and shall obtain its approval by the Engineer (see item 6.14 of the EMP text).	Task implementation area	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 until the condition is met.
				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.
55	Protection of water and soil, protection of air	Waste management rules For the waste generated during the Task implementation, one shall: <ul style="list-style-type: none"> • segregate and store it selectively in tight containers on vessels; • Hazardous waste should be segregated and stored - until it is handed over to authorised entities for further management - separately in designated tight containers in a manner protecting against environmental pollution (in particular, 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 or 25% of the total volume of liquid waste). Containers and storage areas must be labelled and protected against access by third parties; • ensure successive collection of waste by entities authorised to further manage it; • ship waste should be transferred to ship's waste reception points. • waste management should be executed in accordance with the provisions of the Act of 14 December 2012 on Waste, the Act of 21 December 2000 on Inland Navigation and the Waste Management Plan referred to in item 54, Attachment 1 to the EMP. The Contractor shall be obliged to keep waste records and submit the records to the Engineer for monitoring purposes.	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 1B.3/2 Stage II - The construction of docking-mooring infrastructure on Lower Odra River and on boundary sections of Odra River as well as new aids to navigation

Items	Issue	Subject of monitoring	Place of monitoring	Responsible party	Monitoring method	Period and frequency of monitoring
56	Protection of water and soil	Rules for management of household and municipal waste water One shall provide the construction backup facilities with tight bathroom and toilet facilities for household waste water and ensure that they are emptied regularly 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.
I REQUIREMENTS FOR THE PROTECTION OF HUMAN HEALTH AND SAFETY						
	Protection of health and safety of people	Preparation of documents related to the security in the Task implementation area In the Task implementation area, order and proper organisation of works shall be maintained. Prior to the commencement of works, the Contractor shall prepare and obtain the Engineer's approval for the following documents related to safety on the construction site:	Task implementation area			
57		a) Health and Safety protection plan (the BIOZ plan) - see Section 6.14 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.
58		b) Plan of the organization of works and management of the construction site, see Section 6.14 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.
59	c) Safe Shipping Project (Instruction on operating and movement of vessels during the works) described in detail in item 6.14 of the text of the EMP, which the Contractor shall agree with the director of	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	One time, prior to the		

Environmental Management Plan

Contract 1B.3/2 Stage II - The construction of docking-mooring infrastructure on Lower Odra River and on boundary sections of Odra River as well as new aids to navigation

Items	Issue	Subject of monitoring	Place of monitoring	Responsible party	Monitoring method	Period and frequency of monitoring
		the Inland Navigation Office and the waterway administration.		Team	submitted by the Contractor to the Engineer.	commencement of works, verification and acceptance of the document.
60	Protection of health and safety of people	<p>ES Code of Conduct</p> <p>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 6.14 of the EMP text, including specific prohibited behaviours, and that they understand the consequences of engaging in such prohibited behaviours.</p> <p>The Contractor shall also ensure that the ES Code of Conduct is visibly presented in the places where the Contractor's personnel are located.</p> <p>This condition applies to the Contractor and its staff, regardless of the legal form of cooperation and Subcontractors and their staff respectively.</p>	Task implementation area	Contractor's Team	<p>Visual monitoring.</p> <p>Control of the submission of documents to the Engineer.</p>	During the Task implementation period, on an ongoing basis, at least once a month.
				Engineer's Team	<p>Visual monitoring.</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.
61	Protection of health and safety of people	<p>Sapper supervision in the Task area</p> <p>In order to minimise the risk associated with the possibility of dangerous objects of military origin being present in the Task area, the Contractor shall provide:</p> <ul style="list-style-type: none"> before the commencement of works - sapper's reconnaissance of the Task implementation area (the report on sapper's reconnaissance will be submitted to the Engineer; in the course of the works - sapper's supervision of the works (performed by the sapper supervision team), which consists in ongoing checking and cleaning the Task area from dangerous objects of military origin together with their disposal; in case of finding dangerous objects of military origin in the Task implementation area - implementation of procedures described in item 69. 	Task implementation area	Contractor's Team	<p>Visual monitoring.</p> <p>Checking the participation and arrangements of required experts.</p> <p>Control of the submission of documents to the Engineer.</p>	During the Task implementation period (including, among other things, 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	<p>Visual monitoring.</p> <p>Verification of the documentation submitted by the Contractor to the Engineer.</p>	During the Task implementation period (including, among other things, 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

Environmental Management Plan

Contract 1B.3/2 Stage II - The construction of docking-mooring infrastructure on Lower Odra River and on boundary sections of Odra River as well as new aids to navigation

Items	Issue	Subject of monitoring	Place of monitoring	Responsible party	Monitoring method	Period and frequency of monitoring
						covered by the condition.
62	Protection of health and safety of people	Implementation of guidelines regarding requirements concerning the work safety The Contractor shall ensure implementation of detailed guidelines concerning the work safety, among other things in the scope of: <ul style="list-style-type: none"> • construction site management, including hazardous zones; • storage and transport; • electrical systems and equipment; • machines and technical devices; • earthworks; • works carried out on water; • demolition works; • underwater works. contained in the legal regulations in force.	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.
63	Protection of health safety of people Protection of water and soil	Ensuring hygienic conditions In the Task implementation area, one shall: <ol style="list-style-type: none"> a) tight toilet facilities must be provided and use of them by the staff shall be ensured. (Rules for management of household and municipal waste water have been given in item 56). 	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.
64		<ol style="list-style-type: none"> b) ensure that all employees are trained to maintain adequate hygienic conditions within the Task implementation area 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.
65		<ol style="list-style-type: none"> c) adequate amenities shall be provided for posted employees. When organising the site backup facilities, the provisions referred to in items 18, 55, 56 concerning the prohibition on establishing the land based site backup facilities, municipal waste management and domestic and 		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 1B.3/2 Stage II - The construction of docking-mooring infrastructure on Lower Odra River and on boundary sections of Odra River as well as new aids to navigation

Items	Issue	Subject of monitoring	Place of monitoring	Responsible party	Monitoring method	Period and frequency of monitoring
		household waste water management shall apply.				
66	Protection of health safety of people	Prevention of HIV-AIDS and other infectious diseases, including e.g. COVID 19 The Contractor, through an approved service provider, shall implement an HIV-AIDS awareness-raising programme (including conducting an appropriate training) and 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). The training will also cover other infectious diseases (e.g. COVID 19).	Task implementati on area with surroundings	Contractor's Team	Inspection of conformity 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.
J	REQUIREMENTS FOR EXCEPTIONAL ENVIRONMENTAL HAZARDS					
67	Protection of health safety of people	Rules for flood risk management In connection with the risk of flooding, the Contractor shall prepare a document entitled: Flood management plan for the construction site and shall obtain the Engineer's approval (see item 6.14 of the EMP text). In the event of flood occurrence, the Contractor shall follow the procedures described in the above mentioned document.	Task implementati on 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 on the preparation and submission of document. 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.
68	Protection of health safety	Rules for notification of crisis situations In the event of a crisis situation (other than flood), accident, major breakdown, etc., the Contractor	Task implementati	Contractor's Team	Visual monitoring. Control of the implementation of the required procedures.	During the Task implementation period, on an ongoing basis, not less frequently than once a

Environmental Management Plan

Contract 1B.3/2 Stage II - The construction of docking-mooring infrastructure on Lower Odra River and on boundary sections of Odra River as well as new aids to navigation

Items	Issue	Subject of monitoring	Place of monitoring	Responsible party	Monitoring method	Period and frequency of monitoring
	of people	shall take the following actions: <ul style="list-style-type: none"> immediately inform the relevant services (Fire Brigade, Ambulance, Police, etc.); until the arrival of relevant services, carry out necessary actions to reduce the risk of loss of personnel, property and the environment (agreed with the relevant services, if possible); notify the Engineer and the Employer; upon arrival of the relevant services, follow strictly their recommendations and instructions. 	on area		Control of the submission of documents to the Engineer.	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.
69	Protection of health and safety of people	Rules for unexploded shells or unexploded ordnance management In case an unexploded shell or unexploded ordnance is found, one shall: <ul style="list-style-type: none"> stop the work immediately; evacuate the area around the finding; Immediately inform the sapper supervision (see item 82] and the Police, and then follow their instructions; notify the Engineer and the Employer. It is strictly forbidden to lift, dig up, bury, carry, throw into fire or water, etc., unexploded shells or unexploded ordnance found.	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.
70	Protection of health safety of people, protection of waters	Rules for management of leakage of petroleum-derivative substances In connection with the risk of possible leakage of petroleum-derivative substances, the Contractor shall prepare a document, a so-called spillage procedure and shall obtain its approval by the Engineer. In the event of the above mentioned leakage, the Contractor shall follow the procedures described in the above mentioned document.	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.
	Protection of	Guidelines for safety on the waterway / prevention	Task			

Environmental Management Plan

Contract 1B.3/2 Stage II - The construction of docking-mooring infrastructure on Lower Odra River and on boundary sections of Odra River as well as new aids to navigation

Items	Issue	Subject of monitoring	Place of monitoring	Responsible party	Monitoring method	Period and frequency of monitoring
71	health safety of people, protection of waters	of shipping accidents	implementati on area			
		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.		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.
72		b) means of transport (floating sets) in terms of parameters must be adapted to the conditions resulting from the current waterway class.		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.
				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.
73		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 case of using sea waters).		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.
				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.
74		d) Prior to the commencement of works, a Safe Shipping Project should be prepared, which requires approval by the Director of the Inland Navigation Office in Szczecin, the Director of the Maritime Office in Szczecin (in case of using sea waters) and with appropriate 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.

Environmental Management Plan

Contract 1B.3/2 Stage II - The construction of docking-mooring infrastructure on Lower Odra River and on boundary sections of Odra River as well as new aids to navigation

Items	Issue	Subject of monitoring	Place of monitoring	Responsible party	Monitoring method	Period and frequency of monitoring
75		e) the work area and the waterway must be marked in accordance with the Inland Navigation Act and the local law to inform about the existing hazards and restrictions in shipping traffic. The method of marking and the location of the marking should be agreed with the Director of the Inland Navigation Office in Szczecin and with the competent waterway administration.		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.
K	REQUIREMENTS FOR THE PROTECTION OF CULTURAL MONUMENTS					
76	Protection of monuments	Rules of conduct in case of discovery of movable monuments or archaeological sites If the Contractor, during the execution of construction works or earthworks, discovers an object, which is supposed to be a monument, he is obliged to stop all works that may damage or destroy the discovered objects, secure this object and the place of discovery with the use of available means, immediately notify the Voivodship Conservator of Monuments and, if this is not possible, the Mayor of the City of Szczecin. The Contractor shall at the same time notify the Engineer accordingly about the above scope.	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, 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. 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.
77	Protection of monuments	Obtaining the permit of the Voivodship Conservator of Monuments In order to implement the provisions of the EMP related to the Protection of Cultural Heritage and Historical Monuments, the Contractor, if necessary, shall also obtain, on the basis of the power of attorney granted by the Employer, the permission of the Voivodship Conservator of Monuments (VCM) to carry out rescue archaeological surveys and carry out such surveys.	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.
				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.

Environmental Management Plan

Contract 1B.3/2 Stage II - The construction of docking-mooring infrastructure on Lower Odra River and on boundary sections of Odra River as well as new aids to navigation

Items	Issue	Subject of monitoring	Place of monitoring	Responsible party	Monitoring method	Period and frequency of monitoring
O	REQUIREMENTS FOR THE CONTRACTOR'S PERSONNEL INVOLVED IN THE IMPLEMENTATION OF THE EMP					
78	Implementation and reporting of the EMP implementation	<p>Training of the Contractor's staff in the EMP implementation</p> <p>The Contractor shall be responsible for conducting the training (concluded with a knowledge verifying test of the participants) on the terms and conditions of the EMP and protective guidelines during the construction process for its management and engineering and technical staff supervising the construction site, which should be prepared with the assistance of its team of environmental experts. Employees of the Contractor who will deal with fuels and other petroleum-derivative substances and other substances harmful to health and the environment shall be trained in the principles of the soil and water environment protection and application of protection measures, including the use of sorbents.</p> <p>In the monthly reports submitted to the Engineer, the Contractor shall provide information on the state of training of the Contractor's personnel in the EMP conditions in the current reporting period.</p>	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.
				Engineer's Team	Verification of information on the training of the Contractor's personnel provided to the Engineer together with monthly reports. Current checks on the knowledge of EMP conditions by the current personnel of the Contractor.	During the Task implementation period, on an ongoing basis, at least once a month.

Environmental Management Plan

Contract 1B.3/2 Stage II - The construction of docking-mooring infrastructure on Lower Odra River and on boundary sections of Odra River as well as new aids to navigation

Items	Issue	Subject of monitoring	Place of monitoring	Responsible party	Monitoring method	Period and frequency of monitoring
79	Implementation and reporting of the EMP implementation	<p>Appointment of the EMP coordinator in the Contractor's team</p> <p>A person will be appointed in the Contractor's team to coordinate and supervise activities related to the implementation of the EMP.</p> <p>The duties of such person will include, among other things:</p> <ul style="list-style-type: none"> • supervision of the implementation of particular EMP conditions in subsequent stages of the Task implementation; • ongoing monitoring of the status of implementation of particular conditions from the Attachments 1 and 2 of the Task implementation area; • keeping the management of the Contractor's team informed about the obligations arising from the EMP at a given stage of works as well as about any problems with the implementation of the EMP; • cooperation with the remaining part of the Contractor's team (including in particular the supervision of the environmental supervision team referred to in item 80) in ensuring the implementation of the EMP; • reporting on the implementation of the EMP (in accordance with the rules set out in items 83 - 85); • cooperation with persons responsible for the implementation of EMP in the team of the Engineer and the Employer. <p>The EMP Coordinator cannot be a member of the Contractor's team of environmental experts (environmental supervision).</p> <p>The person appointed to the above mentioned function requires the Engineer's approval.</p>	Task implementation area	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.

Environmental Management Plan

Contract 1B.3/2 Stage II - The construction of docking-mooring infrastructure on Lower Odra River and on boundary sections of Odra River as well as new aids to navigation

Items	Issue	Subject of monitoring	Place of monitoring	Responsible party	Monitoring method	Period and frequency of monitoring
80	Implementation and reporting of the EMP implementation	<p>Provision of environmental supervision team</p> <p>Throughout the 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> <ul style="list-style-type: none"> a) expert on botany/phytosociology (natural habitats and protected plant species); b) zoologist - expert on fish fauna (fish); c) zoologist - expert on herpetology (amphibians and reptiles); d) zoologist - expert on bird fauna (birds); e) zoologist - expert on mammals (non-flying mammals). <p>These experts will be involved in the implementation of selected mitigation and monitoring activities specified in the EMP, and in particular:</p> <ul style="list-style-type: none"> a) mitigation activities listed in the Attachment 1 to the EMP in the items, in particular: 24, 25 - 31, 36, 40 - 43, 81, 85 - 86; b) monitoring activities listed in the Attachment 2 to the EMP in the items, in particular: 24, 25 - 31, 36, 40 - 43, 81, 85 - 86. <p>The personal composition of the environmental experts' 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 e) above.</p>	Task implementation area	Contractor's Team	Confirmation of the Contractor's execution of activities in the monthly report on the Contract implementation, supported by reports from the site investigation, reports of supervision team, etc. Check of the participation of the required experts in the 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 environmental experts in the Contractor's team.	During the Task implementation period, on an ongoing basis, at least once a month.
81	Implementation and reporting of the EMP implementation	<p>Tasks of the environmental supervision team</p> <p>The task of environmental supervision will be to take appropriate protective measures in the event of a risk to protected species of fauna and flora as the result of execution of construction works. In particular, the duties of the environmental supervision should include:</p>	Task implementation area	Contractor's Team	Visual monitoring. Verification of the documentation provided by the environmental supervision team to the Engineer. Check of the participation of the required experts in the Contractor's team.	During the Task implementation period, on an ongoing basis, at least once a week.

Environmental Management Plan

Contract 1B.3/2 Stage II - The construction of docking-mooring infrastructure on Lower Odra River and on boundary sections of Odra River as well as new aids to navigation

Items	Issue	Subject of monitoring	Place of monitoring	Responsible party	Monitoring method	Period and frequency of monitoring
		<ul style="list-style-type: none"> - prior to the commencement of the Task implementation, checking the area on which the construction works are to be carried out in terms of the presence of protected species sites; - indicating the location of security devices (fencing and warning tape), referred to in items 40 - 43; - if habitats and species of fauna and flora subject to protection are found, for which it will be necessary to breach the prohibitions set out in the applicable regulations, obtaining of appropriate permits for the execution of these activities before commencing construction works (see items 28-31); - provision of supervision during execution of construction and dredging works; - training the contractor's employees in the procedure to be followed in the event of situations on the construction site, which pose a risk to the natural environment. 		Engineer's Team	<p>Visual monitoring.</p> <p>Verification of the documentation submitted by the Contractor to the Engineer. Ongoing checks of the fulfilment of current duties by environmental experts in the Contractor's team.</p>	During the Task implementation period, on an ongoing basis, at least once a month.
82	Implementation and reporting of the EMP implementation	<p>Provision of sapper supervision team</p> <p>The Contractor will ensure the participation of the sapper supervision team for the whole duration of the Task implementation period. Such team will be involved in the implementation of selected mitigation measures specified in the EMP (in particular the activities listed in item 61). 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	<p>Visual monitoring.</p> <p>Checking the participation and agreement of required experts. Control of the submission of documents to the Engineer.</p>	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 in item 61.
				Engineer's Team	<p>Checking the participation and agreement of required experts. Verification of the documentation submitted by the Contractor to the Engineer.</p>	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 in item 61.
P	REQUIREMENTS FOR THE REPORTING OF THE EMP IMPLEMENTATION					

Environmental Management Plan

Contract 1B.3/2 Stage II - The construction of docking-mooring infrastructure on Lower Odra River and on boundary sections of Odra River as well as new aids to navigation

Items	Issue	Subject of monitoring	Place of monitoring	Responsible party	Monitoring method	Period and frequency of monitoring
83	Implementation and reporting of the EMP implementation	<p>Reporting on the state of implementation of the EMP in monthly reports</p> <p>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 reports on the implementation of environmental supervision).</p> <p>The Contractor shall prepare a template of the above report (checklist) and obtain the Engineer's approval for this document.</p> <p>Depending on the circumstances, the Engineer may require from the Contractor to submit additional reports concerning, among other things, crisis situations, implementation of selected items of the EMP and other things.</p>	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.
				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.
84	Implementation and reporting of the EMP implementation	<p>Discussing the implementation of EMP during working meetings and construction site meetings</p> <p>During the Task implementation period, monthly meetings of representatives of the PIO, Engineer and Contractor will be held to discuss and control the implementation of mitigation and monitoring activities specified in the EMP.</p> <p>Regardless of the above, current requirements and problems related to the implementation of the EMP will be discussed at all construction site meetings.</p>	Task implementation area	Contractor's Team	Control of holding the meetings in question and control of the discussion of matters related to the implementation of 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 holding the meetings in question and control of the discussion of matters related to the implementation of 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	<p>Reports of the Contractor's environmental team</p> <p>The Contractor's environmental team carries out reporting:</p>	Task implementation area			

Environmental Management Plan

Contract 1B.3/2 Stage II - The construction of docking-mooring infrastructure on Lower Odra River and on boundary sections of Odra River as well as new aids to navigation

Items	Issue	Subject of monitoring	Place of monitoring	Responsible party	Monitoring method	Period and frequency of monitoring
85	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 environmental supervision) submitted to the Engineer and requiring his / her approval.		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.
86		b) preparation of reports submitted to the relevant environmental authorities in accordance with the terms of decisions allowing derogations from the prohibitions applicable to species subject to species protection (see also items 28-31). 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.		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.

Environmental Management Plan

Contract 1B.3/2 Stage II - The construction of docking-mooring infrastructure on Lower Odra River and on boundary sections of Odra River as well as new aids to navigation

items	Issue	Subject of monitoring	Place of monitoring	Responsible party	Monitoring method	Period and frequency of monitoring
N	SPECIFIC REQUIREMENTS OF THE ES WORLD BANK POLICIES					
87	Protection of health and safety of people Protection of waters, protection of natural resources	Contractor's responsibility for compliance with the ES The Contractor shall ensure that all requirements and conditions of the ES and the Code of Conduct referred to in item 60 are met.	Task implementation area	Contractor's Team	Visual monitoring. Verification of the documentation submitted by Subcontractors to the Contractor.	During the implementation period, continuous monitoring with monthly reporting.
		This condition applies to the Contractor and its staff, regardless of the legal form of cooperation and respectively to Subcontractors and their staff.		Engineer's Team	Visual monitoring. Verification of the documentation submitted by the Contractor to the Engineer.	During the implementation period, continuous monitoring.
88	Protection of health and safety of people	Prevention of sexual harassment and mobbing 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 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 implementation period, continuous monitoring.
89	Protection of health and safety of people	Awareness-raising on the prevention of sexual harassment and mobbing 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 defects notification period, at least every two months. These will take 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 implementation period, continuous monitoring with monthly reporting.
				Engineer's Team	Verification of the documentation submitted by the Contractor to the Engineer.	During the implementation period. Once a month.
90	Protection of	Reporting cases of sexual harassment and mobbing It is the Contractor's duty to inform the Consultant	Task implementation area	Contractor's Team	Verification of the register of complaints and requests.	During the implementation period,

Environmental Management Plan

Contract 1B.3/2 Stage II - The construction of docking-mooring infrastructure on Lower Odra River and on boundary sections of Odra River as well as new aids to navigation

items	Issue	Subject of monitoring	Place of monitoring	Responsible party	Monitoring method	Period and frequency of monitoring
	health and safety of people	immediately about all reported cases and suspicions concerning sexual harassment and mobbing. All reported cases and suspicions concerning sexual harassment and mobbing should be entered in the register of complaints and requests kept by the Contractor. 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.	on area			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.
91	Protection of health and safety of people	Ensuring that staff employed in the implementation of the Task can submit complaints and requests 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. The Contractor will keep a register of complaints and requests. The content of the leaflet and the format of the register will be agreed with the Consultant.	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.
92	Protection of health and safety of people	Ensuring accident-free working conditions The Contractor shall ensure such conditions in the Task area and outside the Task area (during activities related to the execution of the Task, e.g. during transport) as to prevent accidents involving persons related to the execution of the Contract, including Contractor's, Engineer's, Investor's, Subcontractors' staff, etc., as well as third parties. In the event of such accidents, it is necessary to: <ul style="list-style-type: none"> immediately ensure proper handling of the injured party; 	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.
				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 1B.3/2 Stage II - The construction of docking-mooring infrastructure on Lower Odra River and on boundary sections of Odra River as well as new aids to navigation

items	Issue	Subject of monitoring	Place of monitoring	Responsible party	Monitoring method	Period and frequency of monitoring
		<ul style="list-style-type: none"> secure the location of the accident; inform the Engineer as soon as possible about the accident and about the Contractor's reaction to the accident; notify the relevant services and allow them to reach the place of the accident. 				
93	Protection of health and safety of people	Conditions of employment of young workers In connection with the execution of the Contract, Contractor may employ only such a minor who is at least 15 years old, has completed primary school of at least eight years duration and has presented a 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. 6.15 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.
94	Protection of health and safety of people	Health and Safety Supervision by the Contractor 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 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 1B.3/2 Stage II - The construction of docking-mooring infrastructure on Lower Odra River and on boundary sections of Odra River as well as new aids to navigation

items	Issue	Subject of monitoring	Place of monitoring	Responsible party	Monitoring method	Period and frequency of monitoring
95	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"> ensuring equal pay for employees performing the same work without taking into account gender, sexual orientation or age; ensuring that persons employed in the Contract are not persecuted or discriminated against on the basis of gender, sexual orientation and age; ensuring that the Contractor, in accordance with the possibilities and conditions and the Polish Labour Code provisions, will meet the living and social needs of employees in the workplace; ensuring by the Contractor to make it easier for employees to improve their professional qualifications. 	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.
0	REQUIREMENTS FOR ENVIRONMENTAL MONITORING					
96	Protection of human health and safety	<p>In the event of a state of epidemic or an epidemiological threat during the works, the Contractor is obliged to:</p> <p>a) provide persons at the Construction Site with all necessary means to maintain the health and safety of manual workers, the Contractor's Personnel, to the extent described in the Contract Terms and Conditions, in particular to introduce appropriate measures to avoid or minimise the spread of diseases, including measures aimed at avoiding or minimising the transmission of infectious diseases that may be associated with the inflow of temporary or permanent workforce in</p>	Task implementation area	Contractor's Team	Visual monitoring.	During the Task implementation period, on an ongoing basis, at least once a week if the event to which the requirement pertains takes place.
				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 if the event to which the requirement pertains takes place.

Environmental Management Plan

Contract 1B.3/2 Stage II - The construction of docking-mooring infrastructure on Lower Odra River and on boundary sections of Odra River as well as new aids to navigation

items	Issue	Subject of monitoring	Place of monitoring	Responsible party	Monitoring method	Period and frequency of monitoring
		<p>relation to the implementation of the Contract, in a manner specified in the applicable Law, e.g. regulations issued on the basis of Article 46a of the Act of 5 December 2008 on preventing and combating infections and infectious diseases in humans (consolidated text: Journal of Laws of 2019, item 1239, as amended) on establishing certain restrictions, orders and bans in connection with the occurrence of an epidemic,</p> <p>b) designate for the Contract a person responsible for matters related to health and safety at the time of the epidemic or epidemiological threat,</p> <p>c) implement the relevant recommendations of the World Bank and sanitation services in the Republic of Poland,</p> <p>d) cooperate with the Employer and the Engineer, in particular to provide current information on precautionary measures taken or planned, including in the field of adequate securing the Construction Site against unauthorized access, procedures introduced, and appropriate update of documents described in item 6.13, in particular the BIOZ Plan, Waste Management Plan, Construction Site Organisation Project, Management Strategy and ES Implementation Plans,</p> <p>e) organise an information campaign (e.g. in the form of posters and instructions on the Construction Site) regarding the symptoms of infection, the spread of the virus, methods of protection (including e.g. regular hand washing),</p> <p>f) organise training courses for the manual workers, the Contractor's Staff, covering at</p>				

Environmental Management Plan

Contract 1B.3/2 Stage II - The construction of docking-mooring infrastructure on Lower Odra River and on boundary sections of Odra River as well as new aids to navigation

items	Issue	Subject of monitoring	Place of monitoring	Responsible party	Monitoring method	Period and frequency of monitoring
		<p>least:</p> <ul style="list-style-type: none"> i. updated procedures and documents, ii. symptoms of COVID-19 (or another infectious disease related to the state of epidemic/epidemiological threat), including information on self-monitoring, virus spread, available protective measures, iii. course of action after noticing symptoms in oneself or others, iv. applicable regulations regarding the quarantine of employees and their families, remuneration for the period of illness, isolation, or quarantine, provision of health care, including sanitary transport, in connection with the prevention of infections, v. applicable procedures for reporting violations or reporting complaints by employees, vi. management of waste – e.g. masks, gloves, disinfectant liquids and cleaning agents. <p>In the event of a state of epidemic or epidemiological threat, to the extent permitted by law, training should be conducted via electronic means of communication or in the form of self-education.</p> <p>The above rules should be applied in an appropriate manner in the event of an epidemic or epidemiological threat being announced in the Republic of Poland in connection with an infectious disease.</p>				
S	REQUIREMENTS FOR ENVIRONMENTAL MONITORING					
97	Protection of wildlife	Execution of monitoring of the protection of fish fauna	Monitoring points located approx. 200 m	Contractor	Measurement of suspended solids and oxygen concentration in water using an on-line analyser.	During the Task implementation period, on an ongoing basis, at least once a

Environmental Management Plan

Contract 1B.3/2 Stage II - The construction of docking-mooring infrastructure on Lower Odra River and on boundary sections of Odra River as well as new aids to navigation

items	Issue	Subject of monitoring	Place of monitoring	Responsible party	Monitoring method	Period and frequency of monitoring
		Monitoring (measurements of water temperature, measurements of suspended solids concentration in water) shall be carried out in accordance with the principles specified in item 37 of the Attachment 1 to the EMP.	below the site where works are carried out.		The dissolved oxygen concentration should be measured in the middle of the water column - approx. 1.0 m below the surface.	day during the period of execution of works. Monitoring of suspended solids and dissolved oxygen concentrations should be carried out daily, after at least 2 hours of works (with normal intensity).
				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.
98	Protection of soils, surface waters	Visual and organoleptic assessment of spoil During the execution of the Task, the Contractor will continuously assess and verify the quality of the spoil in terms of any possible changes in colour, smell and consistency.	Task implementation area	Contractor's Team	Visual monitoring.	On continuous basis throughout the entire period of execution of work, with reporting 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 soil	Preventing the emission of petroleum-derivative pollutants 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.
P	REQUIREMENTS CONCERNING THE CHECK OF COMPLIANCE WITH THE RECORDS OF DOCUMENTS PREPARED BY THE CONTRACTOR					
100	Implementation and reporting of the EMP	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	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.

Environmental Management Plan

Contract 1B.3/2 Stage II - The construction of docking-mooring infrastructure on Lower Odra River and on boundary sections of Odra River as well as new aids to navigation

items	Issue	Subject of monitoring	Place of monitoring	Responsible party	Monitoring method	Period and frequency of monitoring
	implementation	update them if necessary. In particular, it will apply to the following documents: health protection and safety plan, waste management plan, flood protection plan for the construction site for the duration of the works, spillage procedure, dredging works plan, ES Code of Conduct.	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.