

Appendix 1. Checklist - Plan of mitigation measures

NOTE:

- The border of the Natura 2000 area **Tarnobrzaska Vistula River Valley** runs along the water-side edge of the embankment along the entire length of the section due for raising. Interference in the terrace area is to be reduced to a bare minimum.
- The Contractor shall provide environmental team over the Works in accordance with the provisions of the Technical Specification TS-0 (General Requirements) which constitutes a part of the Bidding Documents. The cost of supervision should be included in the total Bid Price.
- The following specialists are required to implement EMP prepared for this Works Contract: (i) a botanist (or phytosociologist), (ii) an entomologist, (iii) a chiropterologist, (iv) a herpetologist and (v) an ornithologist. They will be involved in the implementation of the mitigation measures: II.3, II.4, II.5, II.6, II.8, II.9, II.10, II.13, II.22, II.25, II.29, II.30, II.31, II.32, III.6 and III.7 (in accordance with numbers given in the Mitigation Measures' Table - Appendix 1 and decisions on environmental, work conditions and demolition permission - Appendix 4).
- The abovementioned activities shall be carried out prior and during the implementation of the Works Contract 3B.3, in accordance with the schedule for each location prepared by the Contractor and approved by the Employer, in a way as to ensure their completion prior to commencing the construction/raising works in any individual location.

| No. | Item | Issue / Area | Mitigation Measures | Unit Responsible |
|---|-------|---|---|------------------|
| 01- REQUIREMENTS CONCERNING ENVIRONMENTAL PROTECTION TO BE INCLUDED IN THE BUILDING DESIGN | | | | |
| 1 | III.1 | Agreements concerning environmental protection to application in the building design | Construction design shall consider recommendations resulting from the issued decision on environmental permit in the range of conditions of execution of construction - assembly works (indicated in table below). | Designer |
| 2 | III.2 | Recommended environmentally friendly technical solutions | On the section of the embankment at 5 + 950 -15 + 700 km (of the embankment) it is important to provide horizontal filtration screen with a max. depth of 10.00 m. The screen will be constructed using DSM (Deep Soil Mixing) process by means of vertical or horizontal mixers. | Designer |

| No. | Item | Issue / Area | Mitigation Measures | Unit Responsible |
|---|-------|--|--|---|
| 3 | III.3 | Recommended environmentally friendly technical solutions | Additionally, for the purpose of sealing of the waterside of the embankment section at 5 + 950 -15 + 700 km (of the embankment) it is necessary to place foil covered with a layer of material used for renovation of the embankment. | Designer |
| 4 | III.4 | Recommended environmentally friendly technical solutions | To protect the area located beyond the embankment on the section of the embankment at 15 + 700 -15 + 819 (embankment's millage) place of ferry crossing it is necessary to apply stop-log protection which shall be assembled in the case of weather forecast of flood water approaching. | Designer |
| 5 | III.5 | Recommended environmentally friendly technical solutions | Along the entire length of the examined embankment section, from the waterside a landscaped process lane should be designed with a width of ca. 4.0 m. | Designer |
| 02 – RULES CONNECTED WITH PROPERTY ACQUISITION | | | | |
| 6 | II.11 | Land surface and landscape protection, minimization temporary occupancy / The whole section of the embankment being renovated | <p>Using the area during the works should be economical and its transformation is acceptable only with regard to the implemented Works Contract, therefore the works related to implementation of the particular part of works should be limited to the area directly occupied for the purpose of execution of works, i.e. the renovated embankment section with a process lane with a width of a dozen or so meters (both on the landside and the terrace area) and area of site facilities.</p> <p>It is accepted to occupy only land within the lines demarcating the project area (see maps with the Site Plan). The Contractor will acquire, by their own effort, the area intended for the site facilities. The area must be located beyond any environmentally valuable areas and approved by the Contractor's environmental team. It is not allowed to locate the site facilities within the terrace area.</p> | Contractor / Site Manager |
| 7 | IV.3 | Illegal, or excessive land occupancy, which may cause losses with regard to archaeological, or natural resources | Any occupation of land beyond the demarcation lines of the project indicated on the Site Plan and obtained by the Contractor for the site facilities is prohibited. | Contractor / Site Manager and Contractor's environmental team |
| 8 | IV.4 | Real estate acquisition | Buyouts, compensation and help for persons affected by the Project (by Land Acquisition and Resettlement Action Plan) | PZMiUW / Engineer |

| No. | Item | Issue / Area | Mitigation Measures | Unit Responsible |
|--|--------|--|--|---|
| 9 | II.1 | Land surface and landscape protection, habitat protection / Terrace area | Soil mass collection from the terrace area is not allowed. | Contractor / Site Manager |
| 03 - MEASURES TO BE PERFORMED PRIOR TO WORKS COMMENCEMENT | | | | |
| 10 | IV.3 | Illegal, or excessive land occupancy, which may cause losses with regard to archaeological, or natural resources | Prior to commencement of the construction works, separate, at least by means of forest netting, a gauge of 4-meter strip, counting from the edge of the embankment footing on the waterside side. | Contractor / Site Manager and Contractor's environmental team |
| 11 | III.6* | Flora protection | Prior to the commencement of the works, the botanist or phytosociologist shall perform additional survey of flora in order to determine the current distribution of protected plant species in the areas intended for the Project implementation. In case of identifying specimen of any protected plants – after obtaining a respective permit of relevant nature protection authority (according to Art. 56 of the Act of 16 April 2004 on Nature Protection) – transfer them to a habitat that fits a particular species beyond the work area. The botanist or phytosociologist will indicate optimal technology and the site for replanting. | Contractor / Botanist or Phytosociologist |
| 12 | II.31 | General conditions concerning nature protection - prevent and elimination of invasive species / The entire section of the embankment being renovated | Prior to beginning of the construction works carry out field inspection of place of works with participation of phytosociologist in order to locate the presence and estimate population of invasive plants (except for impatiens parviflora). After locating and visibly marking in places where invasive plants grow take preventive actions during the implementation investment, which limit spreading of these plants, including, among others, removing topsoil layer along with invasive plants and transporting them from area of works to the composting plant or neutralizing in any other effective manner. It is unacceptable to mix this topsoil with topsoil overgrown with local native vegetation. | Contractor / Botanist or Phytosociologist |
| 13 | II.2 | Land surface and landscape protection, habitat protection / The entire section of the embankment being renovated | Removal of a layer of humus, thickness: ca. 20-30 cm is required prior to commencement of works; humus will be piled on the landside of the embankment and used for future reclamation of the area of works. | Contractor / Botanist or Phytosociologist |

| No. | Item | Issue / Area | Mitigation Measures | Unit Responsible |
|-----|------|---|---|--|
| 14 | II.7 | Tree protection / The whole section of the embankment being renovated where trees and shrubs are present | <p>It is unacceptable to damage trees and shrubs not identified for felling and located in the vicinity of conducted earthworks related to the implementation of the Project.</p> <p>For this purpose it is recommended to use tree trunk covers (e.g. straw mats, wire braided plank formwork). If the application of the aforementioned protections should prove technically unfeasible, fencing is recommended (for the period of work execution) of groups of trees/shrubs, by means of coloured tape. It is also not acceptable to store any building materials or waste materials near tree trunks (i.e. inside the outline range of the tree crowns and at the minimum 2 m outside that outline) and shrubs.</p> | Contractor / Site Manager and Botanist or Phytosociologist |
| 15 | IV.1 | Accidents of local inhabitants caused by vehicle and machine traffic | <p>Proper demarcation of construction area and the access roads.</p> <p>The Contractor's Work Safety supervision will be responsible for proper marking of the Construction Site in accordance with relevant regulations. This signage will be regularly controlled and if any signage is destroyed or stolen, the Contractor shall promptly replace it.</p> <p>The access roads will be marked in accordance with relevant regulations and agreement with the Administrators of the roads used by the Contractor. This signage will be regularly controlled, if any signage is destroyed or stolen, the Contractor shall promptly replace it.</p> | Contractor / OHS supervision |
| 16 | IV.2 | Employee accidents during works | <p>Preparation, implementation and compliance with the Health and Safety Protection Plan.</p> <p>Work of machinery and equipment within the embankment must be carried out in a way that does not endanger the safety of persons and property, excluding their overturning, sliding or descent into the slope of the embankment.</p> | Contractor / OHS supervision |
| 17 | IV.9 | Protection of religious cult object | <p>In km 12+845 of the embankment (in Dzikowska Street) in the area of works impact there is a roadside chapel. The Contractor's obligation shall be the protection of the chapel for the period of works performance so that no accidental damage of the object occurs.</p> | Contractor / Site Manager |

| No. | Item | Issue / Area | Mitigation Measures | Unit Responsible |
|--|-------|---|--|--|
| 18 | IV.10 | Protection of information desk concerning NATURA 2000 site | In km 12+845 of the embankment (in Dzikowska Street) in the area of works impact, there is an information desk concerning NATURA 2000 site (section no. 3). The Contractor's obligation shall be the protection of the street furniture object for the period of works performance so that no accidental damage of the object occurs. | Contractor / Site Manager |
| 04 - REQUIREMENTS CONCERNING ENSURE THE ACCESS ROUTES TO THE CONSTRUCTION SITES | | | | |
| 19 | II.25 | Natural resource protection / Embankment sections where existing roads are located that the Contractor will use, and where temporary routes will be designated | <p>Transport of materials shall be conducted on existing roads or designated temporary roads, established in such a way so as to reduce interfering with the habitat identified by the environmental team.</p> <p>Parking of cars of the Contractor's employees may take place only in a designated area. It is prohibited to park in the area of habitat.</p> | Contractor / Site Manager and Botanist or Phytosociologist |
| 20 | II.26 | General principles for carrying out works / Embankment sections where existing roads are located that the Contractor will use, and where temporary routes will be designated | <p>Trucks transporting aggregate to the earth embankment construction site shall travel along the road sections:</p> <ul style="list-style-type: none"> - road 723 - access road (road section 723 - earth embankment), - the road along the earth embankment on the side of the Vistula River (road along the embankment foot shall be shielded by the embankment of the height between 3 m and 4 m). | Contractor / Site Manager |

| No. | Item | Issue / Area | Mitigation Measures | Unit Responsible |
|---|-------|--|---|---|
| 21 | II.24 | Soil protection / The whole section of the embankment being renovated | <p>After completing all construction works, areas temporarily occupied for access roads and storage yards should be restored to their prior condition.</p> <p>The Contractor is obliged to provide photographs of the whole work area with particular focus on the technical condition of the roads and buildings located in the vicinity of any roads used for transport of building materials. The access route to the construction site has been indicated in the letter of the Mayor of Tarnobrzeg of 25.11.2013 (file ref. ABI.IX.7234.163.2013), being an Appendix to the Bidding Documentation.</p> <p>Before commencing the works, the Contractor shall carry out, with the Administrator present, an inspection in the area on the basis of which a report shall be prepared on the condition of the roads prior to access for construction purpose. Based on that, the Contractor will be obliged to restore their technical condition.</p> | Contractor / Site Manager |
| 05 - ORGANIZATION OF THE BACK-UP FACILITIES, WAREHOUSES AND STACKING YARDS | | | | |
| 22 | IV.8 | Construction site facilities and storage places | <p>The Contractor, by their own effort, will acquire an area for the site facilities and storage yards. Any approval for temporary occupancy must be preceded by an analysis of its impact on particular environmental elements. When selecting the location for the site facilities for the construction site, the Contractor will consider the following aspects:</p> <ul style="list-style-type: none"> - examining the area for its ground base, vegetation and ground water table: any construction sites should be located on areas free from trees and where the ground water table is below 1.5 m b.g.l., - the geological structure of any selected area shall effectively protect ground water, - the construction site location shall provide convenient access to energy and water supply for social purposes. - the access road to the site facilities shall not hinder access to the nearby buildings, - locate the construction site only beyond the area of any protected habitats. <p>The Contractor should prepare construction site organization plan which will indicate, apart from the location of the construction site facilities, the conditions of its management, including: the location of parks for the construction equipment and other vehicles, the method of soil and water protection against contamination with substances harmful for the environment, the method of draining rainfall water, the location of the warehouses for construction materials, and the place for municipal waste storage.</p> | Contractor / Site Manager and OHS supervision |

| No. | Item | Issue / Area | Mitigation Measures | Unit Responsible |
|---|-------|---|--|--|
| 23 | II.14 | Water and soil protection / Construction site back-up facilities | Household sewage should be collected in a sealed septic tank (TOI TOI type facilities), the contents of which shall be transported to the nearest sewage treatment plant provided with a wastewater collection point. | Contractor / Site Manager |
| 06 - REQUIREMENTS FOR CUTTING OUT TREES AND SHRUBS | | | | |
| 24 | II.6 | Tree protection, bird protection / The whole section of the embankment being renovated | Felling shall be limited to trees and shrubs growing at the foot, on the slopes and the top of the embankment intended for raising, i.e. to ca a dozen or so trees and a dozen or so shrubs. Felling shall be conducted outside the main bird breeding period, i.e. excluding the period between 1 March and 15 October. | Contractor / Ornithologist |
| 25 | II.30 | Fauna protection / The whole section of the embankment being renovated | In case of intention of felling trees with their breast height above 50cm, perform with the participation of specialists: - entomologist – control of the trees for occupancy by the protected beetle species, - chiropterologist – control for occupancy bats presence control. In case when the presence of beetles is established (larval or adult forms), permission for felling trees can be conditioned only by technical or process conditions after obtaining - as required by law - the permit from the competent authority to destroy habitat of protected species (in co-operation with entomologists) where appropriately-cut fragments of trees will be moved, (according to the Nature conservation act from 16 April 2004 – article 56). In case of observing the presence of bats in trees to be felled, suspend felling temporarily and implement the chiropterologist's recommendations which are adequate to the current atmospheric conditions and the identified species of bats. | Contractor / Entomologist and Chiropterologist |
| 07 - REQUIREMENTS AT THE IMPLEMENTATION OF WORKS STAGE | | | | |
| 26 | II.3 | Land surface and landscape protection, habitat protection / The entire section of the embankment being renovated | Works associated with the removal of a layer of humus in wetland areas shall be conducted from 1 September to 31 October and in other areas with the exclusion of the period from 1 March to 31 July. If, due to technical reasons, the works would have to be conducted (partially or fully) at a different time, they shall have to be conducted under environmental supervision. | Contractor / Botanist or Phytosociologist |
| 27 | II.4 | Amphibian protection / Embankment sections with reservoirs or watercourses and wetlands | Works involving interference with amphibian reproduction habitat identified by the environmental team (e.g. draining ditches, embankment floodgate outflows, locations of periodical water stagnation) shall be conducted outside the period from 1 March to 30 June and works interfering with amphibian wintering habitat identified by the environmental team shall be conducted with the exclusion of the period from 1 November until the end of February. | Contractor / Herpetologist |

| No. | Item | Issue / Area | Mitigation Measures | Unit Responsible |
|-----|-------|---|---|--|
| 28 | II.5 | Amphibian protection / Embankment sections with reservoirs or watercourses and wetlands | Execution of works in the vicinity of amphibian reproduction habitat identified by the environmental team will be carried out excluding the period between 1 March and 31 May i.e. after the end of the main amphibian breeding migration period. It is also acceptable to use, in accordance with the environmental team recommendations, temporary fencings for the migration passages (to enable amphibians to reach the breeding grounds and limit the trampling of specimens by mechanical equipment). | Contractor / Herpetologist |
| 29 | II.8 | Habitat Protection / The whole section of the embankment being renovated where habitats are present | It is forbidden to interfere in patches of habitat of willow, poplar, alder and ash marsh meadows Salicetum or – fragilis, Populetum albae, Alnenion (91E0) identified in the vicinity of the proposed works therefore the patches of habitat and other valuable habitat indicated by the environmental team should be protected in the vicinity of executed works, e.g.: by tape fencings which will be removed after completion of the works. | Contractor / Botanist or Phytosociologist |
| 30 | II.9 | Protection of surface waters / Inter-embankment, and embankment sections where water reservoirs or watercourses and wetlands are present | It is not allowed to store waste, soil, or locate material base in the terrace area of the Vistula River and in area of stagnant water, ponds and other habitats indicated by the environmental team. | Contractor / Site Manager and Botanist or Phytosociologist |
| 31 | II.10 | Fauna protection / Embankment sections, where excavations will be made, and structures erected | Excavations and structures which may constitute a trap for small animals, mainly amphibians, should be adequately secured (e.g. tightly covered at the end of each workday). In addition, these areas shall be inspected daily and in the case of possible trapping of animals, they should be transferred to habitats proper for a given species, outside the works' area. | Contractor / Herpetologist |
| 32 | II.12 | Protection against noise, protection of the atmosphere / The whole section of the embankment being renovated | Whenever possible the works should be carried out section by section, i.e. after completing works in a given section and its reclamation, works should begin at the next embankment section intended for extension. | Contractor / Site Manager |

| No. | Item | Issue / Area | Mitigation Measures | Unit Responsible |
|-----|-------|--|--|--|
| 33 | II.13 | Environmental team / The whole section of the embankment being renovated | Compliance with the above conditions shall be overseen by experienced environmental team. Reporting from supervisors' activities shall be submitted to the local authority within 6 months from completion of works. | Contractor / Contractor's Environmental team |
| 34 | II.15 | Water protection / Embankment sections, where barriers will be made | At the construction stage, water for grout production pumped into the embankment body (filtration barrier) shall be delivered from the water supply network, by means of a water-wagon. | Contractor / Site Manager |
| 35 | II.16 | Protection of surface waters / Embankment sections with reservoirs or watercourses | During earthworks, surface waters must be protected against excessive silting due to increased erosion. | Contractor / Site Manager |
| 36 | II.17 | Water and soil protection / The whole section of the embankment being renovated | During construction works, the soil-water environment should be protected against contamination with substances used, sewage, or waste generated in connection with executed works. | Contractor / Site Manager |
| 37 | II.18 | General principles for carrying out works / The whole section of the embankment being renovated | Earthworks shall be carried out so that no damage is caused to regulatory structures. The Contractor shall ensure the patency of embankment culverts throughout the duration of the works. | Contractor / Site Manager |
| 38 | II.19 | General principles for carrying out works / The whole section of the embankment being renovated | Construction works should be conducted outside the flood risk season. The Contractor will be obliged to establish communication with IMGW-PIB to receive current information on weather forecast. In case of any warning about high water, the Contractor shall immediately notify the Engineer and the Employer and shall take appropriate actions according to the procedures described by the Flood Management Plan. | Contractor / Site Manager |

| No. | Item | Issue / Area | Mitigation Measures | Unit Responsible |
|-----|--------|---|--|--|
| 39 | II.20 | General principles for carrying out works / The whole section of the embankment being renovated | Plan of flood protection should be provided for the duration of construction works, specifying the relation between the time of commencement of the evacuation or protection of the equipment and the occurrence of a certain hydro-meteorological situation. | Contractor / Site Manager |
| 40 | II.21 | Water and soil protection / The whole section of the embankment being renovated | During the course of construction works, maintenance and repairs on the construction site are prohibited. | Contractor / Site Manager and OHS supervision |
| 41 | II.27 | Protection against noise / The whole section of the embankment being renovated | Construction works and activities related to transport of aggregate by trucks at the stage of Project implementation shall be conducted only during the day i.e. from 6am to 10pm. | Contractor / Site Manager |
| 42 | II.28 | Protection against noise / Embankment sections where existing roads are located that the Contractor will use | Hard surface which will be used by vehicles transporting aggregate should be maintained in an appropriate condition. | Contractor / Site Manager |
| 43 | III.7* | Flora protection / The whole section of the embankment being renovated | If, at the stage of conducting works, a collision is determined of planned works with protected plant positions, then (if technically possible and environmentally justified), after obtaining necessary permits, (in accordance with information included herein), a given specimen shall be replanted to a habitat proper for a given species, outside the concerned works, if possible, in close proximity to the current place. | Contractor / Botanist or Phytosociologist |
| 44 | II.32 | Fauna and fungi protection / The whole section of the embankment being renovated | If, at the stage of conducting works, a collision is determined of planned works with protected fungi or animals positions, then (if technically possible and environmentally justified) Contractor shall obtain all necessary permits for derogations from prohibitions in relation to the protected animals and fungi species issued by RDOŚ/GDOŚ (in accordance with Article 56, Paragraph 1 and 2 of the Act of 16 April on environmental protection). | Contractor / Botanist, entomologist, herpetologist, chiropterologist |

| No. | Item | Issue / Area | Mitigation Measures | Unit Responsible |
|-----|-------|--|---|--|
| 45 | IV.5 | Archaeological findings / The whole section of the embankment being renovated | In the case of discovery of immovable structures or mobile archaeological monuments the Contractor is obliged to notify immediately the Podkarpacki Monuments Conservation Officer as well as the Client and the Engineer. During Works' implementation the Works Contractor shall comply with guidelines of the Monuments Conservation Officer. ATTENTION: Provincial Monuments' Conservator, in the opinion of 27.12.2013 (file ref. UOZ-T-3.5133.34.2013), advised that "in the vicinity of the Vistula River embankment, in the town of Sielec, there is an archaeological site listed in the Archaeological Artefact Register. In connection with the above, during any construction works in this area, archaeological supervision should be provided". | Contractor (archaeological supervision) / Engineer |
| 46 | IV.6 | Unexploded ordinances / The whole section of the embankment being renovated | Contractor is obliged to ensure permanent UXO monitoring during of earthworks regarding checking and cleaning the area from dangerous military items. | Contractor (sapper supervision) |
| 47 | IV.7 | Health and Safety / The whole section of the embankment being renovated | HIV-AIDS Prevention. The Contractor shall conduct an HIV-AIDS awareness programme and shall undertake such other measures to reduce the risk of the transfer of the HIV virus between and among the Contractor's Personnel and the local community, to promote early diagnosis and to assist affected individuals. | Contractor / OHS supervision |
| 48 | II.33 | Soil and water protection / The whole section of the embankment being renovated | It is necessary to equip all construction sites with a required number of portable toilets and provide training to all the employees with regard to maintaining appropriate hygienic conditions within the area of the construction site and its direct surrounding. Appropriate penalties for noncompliance with this rule should be included in the Contractor's work regulations. | Contractor / Site Manager |
| 49 | II.34 | Soils, surface water and air protection / The whole section of the embankment being renovated | Construction equipment must be in working order which satisfies all legal conditions authorizing it for putting such equipment into service. | Contractor / Site Manager |
| 50 | II.35 | Soils, surface water and air protection / The whole section of the embankment being renovated | The type and working order of such equipment must ensure the protection of soil, surface waters and ground waters against pollution, dust and gas emission to the air and noise emission. | Contractor / Site Manager |

| No. | Item | Issue / Area | Mitigation Measures | Unit Responsible |
|-----|-------|---|--|--|
| 51 | II.36 | Air protection (Protection against dusting) / The whole section of the embankment being renovated | <p>Limit dust generation caused by the means of transport by:</p> <ul style="list-style-type: none"> • cleaning vehicle wheels before entering the public roads, • cleaning technological internal roads surface, • using of vehicles with tilts for transportation of dusty materials or transportation of powdery materials in packaging, • prevention of contamination of local roads with sand and other material transported by vehicles, • sprinkling of surfaces of internal technological roads. <p>Bulk materials and construction aggregate for use in the construction phase should be protect against the blowing and excessive dusting from the surface both during storage and during incorporation (particularly in the vicinity of agricultural crops and orchards, and built-up areas)</p> | Contractor / Site Manager |
| 52 | II.37 | Air protection / The whole section of the embankment being renovated | It is necessary to adhere to the rule of switching off machines and appliances during breaks at work. | Contractor / Site Manager |
| 53 | II.40 | Protection against noise / The whole section of the embankment being renovated | In the areas under acoustic protection and the working sites adjacent to these areas, in order to mitigate the nuisance for inhabitants and environment, it is allowed to use only pumping engines equipped with soundproof housing. | Contractor / Site Manager |
| 54 | II.41 | Air protection (Protection against dusting) / Embankment sections where filtration barriers will be made | It is necessary to apply required measures limiting dust emission at the time of construction of the filtration barrier using DSM process. | Contractor / Site Manager |
| 55 | II.42 | Environment, human health and safety protection | The Contractor and Contractor's environmental team is responsible for training of the rules and conditions of the EMP for Contractor's management and engineering-technical personnel. | Contractor / Contractor's environmental team |
| 56 | II.43 | Periodic meetings environmental team | During the implementation of the tasks arising from the EMP monthly team meetings of PIO, Consultant and Contractor will take place to discuss and monitor the implementation of mitigating and monitoring measures. | PIO and Contractor / Contractor's environmental team |

| No. | Item | Issue / Area | Mitigation Measures | Unit Responsible |
|--|--------|---|--|--|
| 08 - REQUIREMENTS AFTER COMPLETION OF WORKS | | | | |
| 57 | II.22 | Soil protection, flora protection / The whole section of the embankment being renovated | After completion of earthworks, the construction site should be immediately restored. Damaged land should be sown with grass and the renovated embankment section should be planted with native plants. | Contractor / Site Manager and Botanist or Phytosociologist |
| 58 | II.23 | Soil protection / The whole section of the embankment being renovated | After completing the construction works the entire work area will be covered with humus and sown with grass. | Contractor / Site Manager and Botanist or Phytosociologist |
| 59 | II.24 | Soil protection / The whole section of the embankment being renovated | After completing all construction works, areas temporarily occupied for access roads and storage yards should be restored to their prior condition. | Contractor / Site Manager |
| 60 | II.29* | Flora protection / The whole section of the embankment being reconstructed from the upstream embankment side | Sections where the embankment is attached to habitat 6510, should be subject to the reconstruction of meadow undergrowth of the slopes. Prior to the commencement of the works, the botanist or phytosociologist shall perform additional survey in order to determine the current distribution of any protected habitats, with particular focus on habitat 6510 in the areas intended for the Project. The results of the survey will be indicated on the maps in order to sow grass mix compliant with the list of species of the identified habitat on the embankment sections after the works are completed,. | Contractor / Botanist or Phytosociologist |
| 61 | II.38 | Land area and landscape protection / All work areas | Places sowed with grass mixes should be taken care of by means of, among others, twofold mowing of flood embankments (in June and September) and removal of hard lichens. This activity includes also Defect Notification Period. | Contractor / Site Manager |
| 09 - GENERAL REQUIREMENTS | | | | |

| No. | Item | Issue / Area | Mitigation Measures | Unit Responsible |
|--|-------|---|---|---------------------------|
| 62 | II.39 | Legislation in the country where the Agreement is to be implemented / All work areas | Contractor is obliged to knowledge and adherence to all laws currently binding in the country where the Agreement is to be implemented in the period of construction and assembly works and the Defects Notification Period. None of the provisions above do not exempt the Contractor from the application of the law. | Contractor / Site Manager |
| 10 - REQUIREMENTS CONCERNING DEMOLITION OF THE UTILITY BUILDING ON PARCEL NO 803/1 AND 803/2, SIELEC DISTRICT | | | | |
| 63 | V.1 | Environment protection in the works area | The Contractor shall be obliged to consider environmental protection within the area of works, including but not limited to the protection of soil, plants, natural relief and hydrographic conditions. | Contractor / Site Manager |
| 64 | V.2 | Natural protection elements | While conducting construction works it is allowed to use and transform environmental elements only within the scope necessary for the implementation of demolition of the utility building on parcel No 803/1 and 803/2, Sielec district. | Contractor / Site Manager |
| 65 | V.3 | Natural protection elements | If environmental elements protection is not possible, it is required to undertake actions aimed at recovering the damage caused, in particular through environmental compensation. | Contractor / Site Manager |

* additional recommendations resulting from a decision issued by the Regional Director for Environmental Protection in Rzeszów, on 14.04.2014, determining requirements for conducting works (ref. WPN.670.1.4.2014.JSz-2)