TERMS OF REFERENCE

CONSULTANT SERVICES FOR ENVIRONMENTAL AND SOCIAL RISK MANAGEMENT
for preparation of
ENVIRONMENTAL AND SOCIAL MANAGEMENT PLAN (ESMP) for the sub-project
SPORTS AND RECREATIONAL MARINA WITH ASSOCIATED INFRASTRUCTURE
Municipality of Orašje – FBiH

I GENERAL INFORMATION

Program Description / SDIP

The proposed SDIP Program supports integrated water cooperation by investing in the improvement of infrastructure and complementary measures, which include the current and expected impacts of climate change. The focus of the Program is on cross-border cargo transport on local waterways, flood protection, and river basin management at the regional level. The program development goal is to strengthen cross-border ¨water" cooperation and improve navigability and flood protection on the Sava and Drina corridors (program – Phase I).

Broadly, SDIP will invest in the following areas:

- *Inland waterway transport.* Improving navigability of the Sava River waterway, including mine clearance along the right bank in BiH and modernization of ports along the corridor to enhance market access and reduce transport and logistics costs; including support to climate mitigation, reduction of greenhouse gas emissions and local pollutants, and long-term facilitation of regional trade.

- *Environmental asset* management and development. Simultaneously, the engineering design of the underlying navigation infrastructure interventions, such as dredging, riverbank protection, and river training works, would be adapted to also protect floodplains and revitalize wetlands. Such multipurpose interventions would boost sustainable tourism (including ecotourism), a sector with a large potential for job creation, and enable investments in other sectors such as irrigated agriculture and manufacturing

- *Flood protection*. Investments to increase flood protection and socio-economic resilience to extreme weather events linked to climate change.

- *Regional cooperation and institutional strengthening*. Policy dialogue and consultations to support the preparation of basin plans and studies, along with investments aimed at strengthening the connection between water resource management and economic cooperation.

SDIP Program Components

Phase I activities have been identified based on their readiness and prepared through ongoing World Bank support in the region as well as other initiatives financed by national resources and other financiers. Sub-projects will be implemented at the national level and will have cumulative regional benefits. Phase I will also finance the preparation of additional transformational, multipurpose regional investments to be financed under Phase II.

Component 1 – *Integrated management and development of the Sava River corridor;*
Component 2 – *Integrated management and development of the Drina River corridor;*
Component 3 – *Project preparation and management;*
Component 4 – *Regional activities;*

Component 1: Integrated Management and Development of the Sava River Corridor
This component will finance investments in renovation and upgrading of flood protection infrastructures to address the increasing risk of flooding due to climate change. These activities will reduce the risk and impact of floods, thereby increasing the resilience of the riparian countries to these climate change-related threats. The component will also finance activities needed to enable improved navigation.

Subcomponent 1.1: *Flood protection and environmental management*
This subcomponent will finance the construction and rehabilitation of embankments at selected priority areas along the Sava River Corridor and as well as nature-based solutions to revitalize selected protected areas of ecological significance to the Western Balkans. This subcomponent will finance the rehabilitation and upgrade of dykes and

riverbanks. On the right bank of the Sava River, flood area in Central Posavina will be protected from a 100-year return period.

Subcomponent 1.2: *Waterway improvements.*
Under this subcomponent, grant financing from WBIF will be mobilized to finance demining activities* along the Sava's right bank within BiH as a necessary prerequisite to the Phase II of the program - to increase the navigational capacity of the Sava River, waterway improvement and port capacity expansion sub-projects.
The reparatory documentation for these Phase II works will be finalized during the project.

BASIC PROJECT INFORMATION / SPORTS RECREATIONAL MARINA IN ORAŠJE

Conducted activities

Municipality Orašje already conducted certain activities for the purpose of preparation of design and construction of sports recreational marina in Orašje, as listed below:

10.06.2021.	The Municipal Council of Orašje adopts the Decision on Amendments and Supplements to the Urban Plan of Orašje No. 01-02-741/21 (published in the Official Gazette of the Municipality of Orašje, Issue No. 5, June 11, 2021.);
15.12.2021.	Geodetic and hydrographic measurements have been carried out. (The hydrographic and terrestrial measurements were conducted during a favorable period due to the sparse vegetation and high-water levels of the Sava River.)
28.02.2022.	The Municipality of Orašje advertised a tender for the 'Development of the Initial concept for the Sports and Recreational marina in Orašje' and, after the procedure was completed, the 'Concept Design: HOS-037' was selected and agreed upon (March 2022);
07.03.2022.	The Municipality of Orašje submits an Information document with the subject: Sports and Recreational marina in Orašje, which states that it was necessary to align the existing planning documentation with the planned projects and interventions in the Municipality of Orašje. The Decision to proceed with the amendments and supplements to the Urban Plan of Orašje 01-02-741/21 ('Official Gazette of the Municipality of Orašje' No. 5/21) includes the parcel marked as cadastral plot number 1/1, where the realization of this strategic project is planned.
09.06.2022	The Federal Ministry of Transport and Communications grants approval for the request of the Municipality of Orašje (request no. 01-21-819/22 dated: May 30.2022) and considers that the construction works for the Sports and Recreational marina at the 'Vrbak' location will not affect navigation safety.

"Integrated Local Development Strategy of the Municipality of Orašje 2021-2027 "
The construction of the sports and recreational marina with accompanying infrastructure is a key strategic project of the Municipality of Orašje defined in the 'Integrated Local Development Strategy of the Municipality of Orašje 2021-2027.' Excerpt from Chapter 5: Key Strategic Projects of the Integrated Local Development Strategy of the Municipality of Orašje 2021-2027:

„The goal of this project is to construct a sports and recreational marina with the associated infrastructure and amenities in the immediate vicinity of the center of Orašje, along the Sava River, one of our longest rivers with an exceptionally favorable position. This will allow for quality connectivity between the city of Orašje and the Sava River, provide amenities for a higher quality of life for the city and its residents (sports and recreational marina, beach, promenade, parking space that will free up the city center), and create the conditions for promoting sustainable development through tourism development, especially attracting tourists. It is also important to note that in the immediate vicinity of the marina are a hotel, post office, police station, shopping center, and other facilities important for vessel crews and their passengers. "

Expected effects: the construction of the sports and recreational marina aims to contribute to the development of tourism, particularly nautical, sports, and fishing tourism, and thereby to the economic development of the municipality and the Posavina Canton. The established river port in Orašje will have great opportunities for the development of this type of tourism in the northeastern part of Bosnia and Herzegovina and represents a significant potential within the overall development of land tourism in Bosnia and Herzegovina. The expected effects include enabling participation in sports and tourism events for at least 10,000 residents and tourists annually, as well as an increase in the number of tourist and sports activities in the Municipality of Orašje by at least 50% compared to the current state, which ultimately contributes to the social development of the municipality. "

Intervention site

The subject of this Terms of Reference is the project location in the Municipality of Orašje. Orašje is a settlement in Bosnia and Herzegovina, administratively located within the Posavina Canton. The settlement is situated on the left bank of the Sava River, and according to data from 2013; it has a population of 21,584 residents. The Municipality of Orašje consists of the settlements: Bok, Bukova Greda, Čović Polje, Donja Mahala, Jenjić, Kopaonice, Kostrč, Lepnica, Matići, Orašje, Oštra Luka, Tolisa, Ugljara, and Vidovice.

One of the main border crossings between Bosnia and Herzegovina and the Republic of Croatia is located in the area of the Municipality of Orašje. This position of the Municipality of Orašje ensures good communication links both with all parts of Bosnia and Herzegovina (on one of the main trunk roads in Bosnia and Herzegovina: Orašje-Tuzla-Sarajevo-Ploče) and with neighboring countries (Croatia, Serbia) and the rest of Europe.

The micro-location of the sports and recreational marina is on the right bank of the Sava River, in the very center of the municipality, on plot no. 1/1, cadastral municipality Orašje. The parcel has an area of 51,458 m² in the floodplain of the Sava River. In the immediate vicinity of the marina, there are: Hotel Navis, the Municipality of Orašje, and the Cantonal General Hospital. The location of the sports and recreational marina is on the right side of the floodplain area of the Sava River at rkm.266+674. (Figure 1)

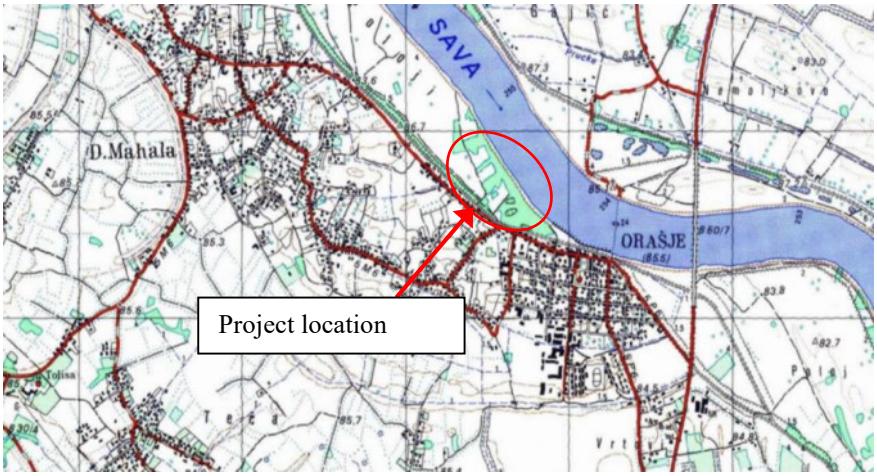


Figure 1 – The location of the sports and recreational marina

Figure 2 – The location of the sports and recreational marina (view from the above)

Figure 3. View of the site – bypass side near the intervention area

Figure 4. View of the inland side of the intervention area

General design elements

The construction of a sports and recreational marina in Orašje should ensure the technical conditions for the use of the space along the Sava River through the construction of the marina with accompanying infrastructure and facilities in Orašje.

Basically, this design needs to elaborate on the conditions for the construction of the pier.

The basic construction elements for the development of the design concept for the swimming pool sports-recreational marina and the division of the space covered by the project, along with the accompanying infrastructure, are defined as follows:

1. The area of the swimming pool sports marina – 80 mooring berths (vessels) with berth categorization;
2. Parking area for 120-180 parking spaces;
3. Promenades (pedestrian and cycling paths) – approximately 650m in length.

Connection to the existing infrastructure

Water supply - For the normal functioning of the swimming pool sports-recreational marina, it is essential to ensure a water supply for public water supply and firefighting needs. The fulfillment of these conditions would be ensured by the construction of a pressurized water pipeline connected to the existing public water supply system in Third Street. The basic concept of water supply is based on a branched water supply network system with a nominal diameter of DN 110, which ensures water supply and fire protection. The pipeline route also includes the installation of hydrants for firefighting purposes. It is necessary to construct a connecting water chamber and an above-ground hydrant on the shore, next to the access bridge.

Public drainage - The concept of drainage for sanitary, fecal, and oily waters (if necessary) should be designed with an appropriate method and connected to the existing city infrastructure (in accordance with the technical requirements of the project).

Precipitation runoff drainage - In order to address the potential flooding of the parking area during extreme precipitation and to collect and properly direct large amounts of water, a rainwater drainage system will be implemented. Precipitation drainage will be carried out by installing linear precipitation catchment systems in the form of channels with grates, concrete gutters, and triangular concrete channels, from which precipitation water will be directed via separators to the pumping station, and then further to the sewage network of the city of Orašje or discharged into the Sava River.

Energy infrastructure - The energy channel will bring electrical installations to the subject area The energy channel is routed along the traffic surfaces within the green belt, with the note to avoid any potential excavation (weakening) of the existing protective embankment. The normal depth for cable laying is h0 = 80 cm, and the minimum depth for cable laying is hmin = 50 cm. The marina's power supply for the electrical installations of the pontoons, pier lighting, and the security system (video surveillance) will be provided by connecting to the existing electrical power system of the city of Orašje. Additionally, lighting fixtures in the form of street lamps will be installed along pedestrian and cycling areas, as well as in the parking area. The planned distance between the lighting fixtures is approximately 15-25 meters.

INITIAL CONCEPT / GUIDELINES AND SCOPE

The Municipality of Orašje had advertisement on February 28, 2022, for the 'Development of the Initial Concept for a Sports Recreational Marina in Orašje,' and after the procedure was completed, the 'Initial Concept - HOS-037' (March 2022) was selected and agreed upon. The Consultant should generally adhere to its technical solutions, guidelines, and results when preparing the Conceptual Design and Main Project. This chapter provides the main technical characteristics of the initial concept for the swimming pool sports-recreational marina with the accompanying infrastructure in Orašje, as guidelines for the preparation of design documentation.

Space utilization proposal- space utilization proposal includes as follows:

- Excavation of the swimming pool sports-recreational marina,
- Construction of a sloped urban-type embankment,
- Filling to secure space for the parking area,
- Filling and landscaping of the surrounding terrain for the construction of pedestrian and cycling paths.

i) Embankment

The embankment on the water side is constructed using a system made of reinforced concrete beams, concrete blocks, and stone toe placed at a slope of 1:1.5. The technical solution for the embankment on the land side is implemented with green slopes (slope ratio of 1:2 or 1:3) or as a system made of reinforced concrete beams and concrete blocks.

ii) Mooring berth

The sports-recreational marina needs to be designed in a way that allows for easy and safe mooring, as well as the entering and exiting of vessels by marina users. Based on a detailed analysis of the available data and the development of the technical concept, a proposal is made to accommodate a total of 80 vessels in the following arrangement, taking into account the size and purpose of the vessels:

Requests:	Proposal > total 80 vessels
• Tourist boat mooring	- 1 mooring berth for a tourist vessel
• 50% of the mooring berths for Category II vessels	- 34 mooring berths for Category IV vessels
• 40% the mooring berths for Category IV vessels	- 20 mooring berths for Category II vessels
• 10% mooring berths for longer than > 11m	- 5 mooring berths for vessels longer than > 12m

iii) Provide 120/180 parking spaces

To provide sufficient space for vehicle parking needs, the construction of a parking lot is planned by creating a platform in the southeastern part of the site (opposite the parking lot of Hotel Navis). The platform will be built by filling material from excavation to an elevation of 85.90 m and laying the road pavement structure consisting of a 30 cm thick layer of crushed stone, a 20 cm thick cement stabilization layer, a 6 cm thick bituminous bearing layer, and a 4 cm thick asphalt wearing course, to a final elevation of 86.50 m above sea level.

iv) Pedestrian Path (walking and cycling paths)

Within the scope of the design, pedestrian and cycling paths are planned, with integration into the existing pedestrian path along the Sava River, as well as the design of a pedestrian path within the pool sports marina, including landscaping and public lighting.

- Integrate the existing unpaved pedestrian paths along the protective embankment into the detailed project concept;
- Construct new pedestrian and cycling paths with all planned amenities;

v) Access and Access Ramps:

Access to the sports-recreational marina is provided via the existing coastal strip along the relevant section. The connection between the existing coastal strip and the adjacent parking area to the public traffic surface has been made towards Nasip Street, which is connected to Third Street.

It is necessary to construct access ramps: a ramp for accessing the parking lot and a ramp for boats descent.

vi) Other amenities:

- Nautical amenities;
- Tourist amenities;
- Sport and recreation.

vii) It is necessary to ensure the use of the sports-recreational marina and the parking area throughout the entire year, at all water levels of the Sava River, and under all weather conditions.

viii) Ensure access to the pool sports marina for people with disabilities and reduced mobility.

BIODIVERSITY

The proposed Sports and Recreational Marina in Orašje is located on the right bank of the Sava River, within the floodplain area. The project site and its surroundings are characterised by riparian and wetland-related ecological features, including naturally established mature trees, predominantly willow species, as well as aquatic, riparian and wetland habitats associated with the Sava River. The wider Sava River corridor provides important ecological functions, including habitat provision for aquatic and wetland species, migratory and resident birds, fish and other fauna, as well as ecological connectivity between associated natural systems. The existing riparian vegetation also contributes to bank stability, water filtration, habitat provision and the overall ecological functioning of the river corridor. The proposed development may result in changes to existing land use and vegetation, including potential removal of mature trees, land disturbance, habitat fragmentation, sediment disturbance and increased anthropogenic pressure during the construction and operational phases. Potential changes in water quality and hydrological conditions may also affect aquatic and riparian ecological receptors.

The biodiversity conditions of the project area, including the presence and sensitivity of relevant habitats and species, shall therefore be verified through the site-specific environmental and social assessment. Particular attention shall be given to riparian and wetland habitats, aquatic habitats and ichthyofauna, birds, existing mature vegetation and ecological connectivity. The biodiversity baseline and contextual information presented above shall serve as the basis for the detailed assessment and management requirements under ESS6 within the Scope of Work. The Consultant shall determine the significance of potential biodiversity impacts and define appropriate measures in accordance with the mitigation hierarchy and the requirements of ESS6 – Biodiversity Conservation and Sustainable Management of Living Natural Resources.

II OBJECTIVE AND TASK

The overall objective of the assignment is to prepare a site-specific Environmental and Social Management Plan (ESMP) for the Sports and Recreational Marina with Associated Infrastructure in Orašje, in accordance with the applicable requirements of the World Bank Environmental and Social Framework (ESF) and the relevant Environmental and Social Standards (ESS). The ESMP shall provide a comprehensive assessment of the environmental and social risks and impacts associated with the proposed construction and operation of the marina and shall provide an appropriate framework for their management throughout the project life cycle. The assessment shall be based on the existing project and technical documentation, applicable national requirements and site-specific environmental and social conditions. It shall identify and assess relevant environmental and social receptors and determine the potential direct, indirect, cumulative and induced impacts of the proposed project.

The assessment shall consider reasonable alternatives, including the no-project option and lower-impact design solutions, and shall apply the mitigation hierarchy by prioritising avoidance of impacts, followed by minimisation, mitigation and, where necessary, compensation or offset measures.

The assignment shall address the requirements of the World Bank ESSs relevant to the project, namely:

- ESS1 – Assessment and Management of Environmental and Social Risks and Impacts;
- ESS2 – Labour and Working Conditions;
- ESS3 – Resource Efficiency and Pollution Prevention and Management;
- ESS4 – Community Health and Safety;
- ESS5 – Land Acquisition, Restrictions on Land Use and Involuntary Resettlement;
- ESS6 – Biodiversity Conservation and Sustainable Management of Living Natural Resources;
- ESS8 – Cultural Heritage; and
- ESS10 – Stakeholder Engagement and Information Disclosure.

The detailed requirements for the assessment, management and monitoring of these environmental and social aspects are defined in the Scope of Work below.

III SCOPE OF WORK

The Consultant shall undertake the following site-specific tasks for the preparation of the Environmental and Social Management Plan (ESMP) for the Sports and Recreational Marina with Associated Infrastructure in Orašje.

No.	ESS / Area	Scope of Work / Required Tasks	Expected Outputs
1	**ESS1 – Assessment and Management of Environmental and Social Risks and Impacts**		
1.1	Legal and institutional review	The Consultant shall review the applicable environmental, water, nature protection, construction, land-use and other relevant legislation of the Federation of Bosnia and Herzegovina; review the applicable World Bank ESF and ESS requirements; identify competent authorities and institutions; identify gaps between national requirements and the World Bank ESS requirements; and define institutional responsibilities for implementation, supervision, monitoring and reporting.	Legal and institutional review; gap analysis; institutional responsibility matrix.
1.2	Baseline assessment	The Consultant shall establish a site-specific environmental and social baseline covering, as relevant, surface water quality and the hydrological regime of the Sava River, water flow, soil quality, existing land use, air quality, noise, existing infrastructure, sensitive receptors, biodiversity, socio-economic conditions, settlements, agricultural land, roads, vulnerable groups and other potentially affected receptors. The Consultant shall also undertake a vulnerability assessment.	Environmental and social baseline chapter; vulnerability assessment; baseline maps and supporting data.
1.3	Environmental and social impact assessment	The Consultant shall identify and assess potential environmental and social risks and impacts during construction and operation, including direct, indirect, cumulative and induced impacts. The assessment shall consider the magnitude, duration, extent, reversibility and significance of impacts, the sensitivity of affected receptors, positive and negative impacts, and interactions between environmental and social risks.	Environmental and social impact assessment; impact significance matrix.
1.4	Alternatives and mitigation hierarchy	The Consultant shall assess the no-project alternative, reasonable design and technical alternatives, lower-impact alternatives, opportunities to avoid adverse impacts, measures to minimise unavoidable impacts, mitigation measures and compensation or offset measures where required.	Alternatives assessment; mitigation hierarchy analysis.

1.5	ESMP management arrangements	The Consultant shall develop an ESMP defining mitigation measures, monitoring parameters and indicators, monitoring frequency, responsible institutions and personnel, implementation schedule, estimated costs, reporting requirements, contractor obligations, supervision arrangements and adaptive-management procedures.	ESMP management and monitoring framework.
2	**ESS2 – Labour and Working Conditions**	The Consultant shall assess labour and working-condition risks and develop proportionate requirements for the Contractor and other project workers. The assessment shall cover applicable labour legislation, gaps with ESS2, labour-management provisions, occupational health and safety, construction-site safety, safe working procedures, PPE, training, supervision, incident and accident reporting, workers' grievance mechanism, Code of Conduct, prohibition of child and forced labour, non-discrimination, equal treatment, subcontractor management and workers' accommodation, where relevant.	Labour Management Procedures; occupational health and safety requirements; workers' grievance mechanism; Code of Conduct requirements.
3	**ESS3 – Resource Efficiency and Pollution Prevention and Management**		
3.1	Pollution prevention and control	The Consultant shall assess and define measures addressing dust and air emissions, noise, soil contamination, water pollution, pollution associated with construction activities and pollution associated with marina operation.	Pollution prevention and control measures.
3.2	Water, wastewater and stormwater	The Consultant shall assess and define measures for efficient water use, sanitary and other wastewater, stormwater runoff, runoff from parking and paved areas, oil-water separators, oily water generated by vessels, prevention of accidental releases and prevention of pollution of the Sava River.	Water, wastewater and stormwater management requirements.
3.3	Waste and hazardous materials	The Consultant shall prepare requirements for construction waste, municipal waste, hazardous waste, storage and handling of hazardous substances, operational waste from the marina, and spill prevention and response.	Waste Management Plan requirements; hazardous materials and spill-response procedures.
3.4	Excavated, sediment and removed material	The Consultant shall assess excavation activities, sediment disturbance, excavated material, potentially contaminated material, dredged material where applicable, transport, reuse and/or disposal of removed material, and requirements for safe handling and management.	Excavated and sediment material management requirements.
3.5	Resource efficiency and	The Consultant shall assess water efficiency,	Resource-efficiency

	climate	energy efficiency, efficient use of construction materials, greenhouse gas emissions where relevant, local air pollutants, climate resilience, compatibility with flood risks, low-impact design and nature-based solutions.	and climate-resilience measures.
4	**ESS4 – Community Health and Safety**		
4.1	Construction-phase risks	The Consultant shall assess construction traffic and road safety, pedestrian safety, construction-site access and security, interaction with surrounding land users, signage and warning systems, and risks associated with public access to construction areas.	Construction-phase community health and safety measures.
4.2	Operational marina safety	The Consultant shall assess and define measures for boating and navigation safety, safe use of marina infrastructure, drowning prevention, water-edge and public-access safety, emergency preparedness and response, fire safety, fuel and oil spill response, lighting, security and operational safety procedures.	Marina operational health and safety requirements; emergency response measures.
4.3	Interface with surrounding receptors	The Consultant shall assess risks arising from the interface of the marina with the nearby hospital, Hotel Navis, surrounding roads, the public promenade, local residents, visitors and recreational users.	Receptor-specific risk assessment and mitigation measures.
4.4	Universal and safe access	The Consultant shall assess accessibility for persons with disabilities and reduced mobility, risks to children and other vulnerable users, universal-access requirements, and the safe design of pedestrian, cycling and recreational areas.	Universal-access and safe-design requirements.
5	**ESS5 – Land Acquisition, Restrictions on Land Use and Involuntary Resettlement**	The Consultant shall undertake ESS5 screening and determine whether the Standard is applicable. The assessment shall confirm land ownership and existing land-use rights; identify formal and informal users; identify seasonal users, fishers, vendors and recreational users where present; assess existing access and use rights; determine whether restrictions on access or land use may occur; assess physical or economic displacement; identify livelihood impacts associated with access to land or natural resources; and document the basis for determining whether ESS5 is applicable or may be screened out. Where ESS5 risks are identified, the Consultant shall define the required measures and instruments in accordance with the World Bank ESF.	ESS5 screening report; land and livelihood impact assessment; Resettlement instrument, where required.
6	**ESS6 – Biodiversity Conservation and**		

	Sustainable Management of Living Natural Resources		
6.1	Biodiversity baseline survey	The Consultant shall undertake a site-specific biodiversity baseline assessment, including seasonal considerations where relevant, covering riparian, wetland, aquatic and relevant terrestrial habitats; ecological connectivity; ichthyofauna; migratory and resident birds; relevant aquatic and terrestrial species; and existing mature trees and vegetation.	Biodiversity baseline assessment; habitat and species inventory.
6.2	Biodiversity impact assessment	The Consultant shall assess potential habitat loss and degradation, vegetation removal, habitat fragmentation, disturbance of aquatic habitats, disturbance of fish and other aquatic organisms, disturbance of nesting and breeding birds, impacts associated with changes in water quality and sediment disturbance, impacts on ecological flows, increased anthropogenic pressure and cumulative impacts on the wider Sava River corridor.	Biodiversity impact assessment; significance assessment for habitats and species.
6.3	Tree and vegetation management	The Consultant shall prepare a site-specific Tree Inventory and Vegetation Removal, Restoration and Replanting Plan addressing trees and vegetation proposed for removal, justification for removal, opportunities to avoid unnecessary removal, protection of retained vegetation, restoration of disturbed areas, replanting requirements, use of native species and compensation measures where required.	Tree Inventory and Vegetation Removal, Restoration and Replanting Plan.
6.4	Biodiversity protection during construction	The Consultant shall define, where applicable, nesting and breeding-season restrictions, measures to minimise disturbance to fauna, measures to prevent the introduction and spread of invasive species, aquatic habitat protection measures, sediment-control measures and water-quality protection measures.	Construction-phase biodiversity protection measures.
6.5	Habitat restoration and ecological connectivity	The Consultant shall define measures for habitat restoration, restoration of riparian vegetation, replanting with appropriate native species, maintenance of ecological connectivity and avoidance of unnecessary habitat fragmentation.	Habitat restoration and ecological connectivity measures.
7	**ESS8 – Cultural Heritage**	The Consultant shall undertake cultural heritage screening appropriate to the proposed excavation and construction activities. The assessment shall identify known cultural heritage resources, assess archaeological sensitivity, consult competent cultural heritage authorities where required, undertake or confirm UXO screening where relevant, prepare a site-specific Chance Finds	Cultural heritage screening; Chance Finds Procedure; contractor cultural heritage requirements.

		Procedure and define contractor obligations concerning cultural heritage finds during excavation and earthworks. The Chance Finds Procedure shall establish requirements for stopping works, protecting the find, notifying the competent authority and proceeding only in accordance with the applicable procedure.	
8	**ESS10 – Stakeholder Engagement and Information Disclosure**		
8.1	Stakeholder mapping	The Consultant shall identify and categorise affected parties, other interested parties, competent authorities, local communities, marina users, recreational users, vulnerable and disadvantaged groups, persons with disabilities and other relevant stakeholders.	Stakeholder identification and mapping.
8.2	Vulnerable and disadvantaged groups	The Consultant shall identify potential barriers to participation, define differentiated engagement measures where required, ensure accessible consultation formats and locations, and provide appropriate measures for persons requiring additional assistance to participate.	Vulnerability and inclusion measures for stakeholder engagement.
8.3	Public consultation and disclosure	The Consultant shall prepare consultation materials, support and participate in public consultations, provide accessible channels for comments and feedback, document comments and responses, incorporate relevant feedback into the final ESMP, disclose the ESMP in the local BHS language and English, and prepare and include consultation minutes in the final ESMP.	Consultation materials; consultation records; disclosure package; consultation minutes.
8.4	Grievance mechanism	The Consultant shall ensure that the ESMP/SEP includes a grievance mechanism with clearly defined submission channels, timelines for acknowledgement and resolution, designated responsibilities, confidentiality provisions, accessible procedures for vulnerable persons, grievance recording and tracking, and reporting and monitoring arrangements.	Project grievance mechanism and grievance log template.
8.5	Riparian and international-waterway stakeholders	The Consultant shall identify and, where applicable, support engagement with the Sava River Commission and relevant riparian stakeholders in relation to the project's potential implications for the Sava River and applicable requirements concerning international waterways.	Stakeholder engagement record; documentation of consultations with relevant riparian stakeholders.
9	**ESMP Preparation, Monitoring and Reporting**	Based on the above assessments, the Consultant shall prepare a site-specific ESMP for the Sports and Recreational Marina with Associated	Final site-specific ESMP, including mitigation and

	Infrastructure. The ESMP shall consolidate all identified environmental and social risks and impacts and provide specific mitigation measures for construction and operation, environmental and social monitoring requirements, measurable indicators, monitoring frequency and methodology, responsible institutions and personnel, contractor responsibilities, implementation schedule, estimated costs, reporting requirements, grievance-management requirements, stakeholder-engagement requirements, and arrangements for supervision, follow-up and adaptive management. All mitigation and monitoring measures shall be directly linked to the identified risks and impacts and sufficiently specific to allow implementation, supervision and verification.	monitoring plans, implementation schedule, responsibilities, budget, reporting arrangements and supporting annexes.

IV CONSULTATIONS – PUBLIC DISCUSSIONS

Public consultations and discussions shall be conducted as an integral part of the preparation and disclosure of the Environmental and Social Management Plan (ESMP). The consultation process shall be inclusive, accessible and transparent and shall provide affected and interested stakeholders with adequate information on the proposed Subproject and an opportunity to provide comments and feedback. The Consultant shall undertake the following activities: **stakeholder mapping and consultation planning**. The Consultant shall identify and map relevant affected and interested stakeholders and prepare a consultation programme defining the appropriate stakeholders, consultation methods, timing and locations. The stakeholder mapping shall include, as relevant, local communities, land and resource users, recreational users, local authorities, relevant public institutions, environmental and water-management authorities, and other stakeholders potentially affected by or interested in the Subproject.

Differentiated engagement of vulnerable and disadvantaged groups

The Consultant shall identify vulnerable and disadvantaged individuals and groups that may face barriers to participation in consultations and shall provide differentiated engagement measures where necessary. Such measures shall include appropriate communication methods, additional outreach, suitable consultation formats and other arrangements necessary to enable meaningful participation.

Accessible consultation formats and locations

The Consultant shall ensure that consultations are organised in formats and at locations that are accessible and appropriate for the identified stakeholder groups. Information shall be presented in a clear and understandable manner, allowing sufficient opportunity for stakeholders to ask questions, provide comments and express concerns.

Public consultations and discussions

The Consultant shall organise and/or support public consultations and discussions on the draft ESMP and other relevant environmental and social information.

The consultations shall provide stakeholders with information on:

- The proposed Subproject and its main components;
- The anticipated environmental and social risks and impacts;
- Proposed mitigation and management measures;
- The ESMP preparation and disclosure process; and
- The available channels for submitting comments, concerns and grievances.

The Consultant shall provide stakeholders with a clear opportunity to comment on the proposed measures and shall ensure that relevant comments are considered in finalising the ESMP.

Documentation of consultations, comments and responses

All consultations and public discussions shall be properly documented.

The Consultant shall prepare consultation minutes and records, including:

- Date and location of the consultation;
- Consultation format;
- Participating institutions and stakeholder groups;
- Key issues, questions and concerns raised;
- Responses provided.

The Consultant shall prepare a Comment and Response Matrix showing the comments received during the consultation process and how these comments have been addressed in the final ESMP or, where a comment has not been incorporated, the reason for this.

Grievance mechanism

During consultations, the Consultant shall provide clear information to stakeholders on the available grievance mechanism, including:

- Channels through which grievances may be submitted;
- Responsible institutions/persons;
- Timelines for acknowledgement and response;
- Confidentiality provisions;
- Arrangements for vulnerable and disadvantaged persons; and
- Procedures for recording, tracking and reporting grievances and their resolution.

Disclosure in local language and English

The draft and final ESMP and relevant consultation materials shall be disclosed in both BHS/local language and English, in accordance with the applicable disclosure requirements. The Consultant shall ensure that information is made available in a timely and accessible manner to enable stakeholders to review the documentation and provide meaningful comments.

Consultations concerning the Sava River and riparian stakeholders

Considering the location of the Subproject on the Sava River, the consultation process shall, where applicable, include engagement with the Sava River Commission and relevant riparian countries/institutions, in accordance with the applicable requirements concerning international waterways under OP 7.50. The Consultant shall support the preparation and provision of relevant information, facilitate consultations where required, document comments and recommendations received, and ensure that relevant outcomes are reflected in the final ESMP and consultation records.

Finalisation of consultations

Following completion of the consultation process, the Consultant shall consolidate all consultation records, comments and responses and incorporate relevant stakeholder feedback into the final ESMP. The final ESMP shall include the consultation minutes, attendance records where appropriate, Comment and Response Matrix and other relevant evidence demonstrating how stakeholder feedback was considered.

V DELIVERABLES AND TIMELINE

The Consultant shall operate under the direct supervision of the Contracting Authority, who will approve the submitted documents in cooperation with the person responsible for monitoring environmental and social measures within the designated unit.

ACTIVITY	DEADLINES
Submit the Inception Report / Work Plan	7 days from contract signing
Submit the draft final document	30 days from approval of the Work Plan
Organize public consultations	7 days from submission of the draft document
Submit the final document	7 days after the public consultations

The Consultant shall deliver 2 (two) printed copies of the final document in the local B/H/S language and in English, together with the corresponding number of electronic versions of the same documents, of which one set shall be for the Client and the other for the Project Implementation Team (PIT).

If and when necessary, the Client, the Project Implementation Team (PIT), and the Consultant may agree to make adjustments to the scope of tasks or the deadlines for the nominated deliverables.

VI EXPERIENCE AND QUALIFICATIONS

An appropriate consultant for this position should have the following qualifications:

- A degree / advanced degree in ecology, social sciences, law, natural resource management, environmental studies, civil engineering, or related disciplines;
- At least 10 years of relevant professional experience, including applied experience in managing environmental and social risks in investment projects (international and local);
- Experience on at least 3 projects financed from international sources in the field of environmental protection and/or social issues;
- Knowledge of international good practices for managing environmental and social risks, including Environmental and Social Management Plans / World Bank ESF and ESSs, and the International Finance Corporation (IFC) Sustainability Framework and accompanying documentation, such as Guidance Notes and EHS Guidelines;
- Previous experience with World Bank-financed projects is an asset, given that environmental and social review and understanding of its requirements is an advantage;
- No restrictions on travel within Bosnia and Herzegovina for various field visits;
- Strong analytical skills, with the ability for strategic thinking, analysis, and synthesis of various qualitative and quantitative environmental and social data and information;
- Excellent command (spoken and written) of BHS and English language;
- Proficiency in computer use, including word processing and spreadsheet applications.

Applicants' qualification requirements will be further evaluated based on the below criteria:

No.	Qualification requirement / Evaluation criteria	Points
1	**General Qualifications**	**30**
1.1	A degree / advanced degree in ecology, social sciences, law, natural resource management, environmental studies, civil engineering, or related disciplines	15
1.2	At least 10 years of relevant professional experience, including applied experience in managing environmental and social risks in investment projects (international and local)	15
2	**Adequacy for the assignment**	**60**
2.1	Experience on at least 3 projects financed from international sources in the field of environmental protection and/or social issues	25
2.2	Knowledge of international good practices for managing environmental and social risks, including Environmental and Social Management Plans / World Bank ESF and ESSs., and the International Finance Corporation (IFC) Sustainability Framework and accompanying documentation, such as Guidance Notes and EHS Guidelines	20
2.3	Previous experience with World Bank-financed projects is an asset, given that environmental and social review and understanding of its requirements is an advantage	15
3	**Language**	**10**
3.1	Excellent command (spoken and written) of BHS and English language	10
	TOTAL points	**100**

Annex A: Description of the methodology and work plan for task implementation

For the purpose of preparing the framework documents, the Consultant will apply the following methodology consisting of four activities, tailored specifically to the sports and recreational marina and based on the available project documentation and site specific environmental and social conditions:

Activity 1: General desk review

The consultant will review the applicable World Bank Environemntal and Social Standards (ESS) relevant to the sports and recreational marina Subproject, with particular focus on ESS1 (Assessment and Management of Environemntal and Social Risks and Impacts), ESS2 (Labour and Working Conditions), ESS# (Resource Efficiency and Pollution Prevention and Management), ESS4 (Community Health and Safety), ESS6 (Biodevrsity Condervation and Sustainable management of Living natural resources), and ESS10 (Stakeholder Engagement and Information Disclosure), as applicable to the planned activities under the Subrpoject.
The Consultant will carry out an analysis of the following:

- World Bank Environmental and Social Standards (ESS), particularly those relevant to the Project, namely: ESS1, ESS2, ESS3, ESS 4) Community Health and Safety; ESS 6) Biodiversity Conservation and Sustainable Management of Living Natural Resources; and ESS 10) Stakeholder Engagement and Information Disclosure;Applicable national and entity-level legislation and regulatory requirements related to environmental impact assessment (EIA), waste management, health services, occupational health and safety (OHS), and permitting procedures applicable to the proposed works.;
- Applicable national environmental, construction, occupational healthnd safety, and permitting legislation relevant to the Subproject;
- Applicable labour legislation and grievance redress requirements relevant to the Contractor and Project staff engaged under the sports and recreational marina Subproject, including identification of gaps with ESS2 requirements; and

Activity 2: Preparation of Draft Documents

The overall objective of preparing the ESMP is to ensure that decision-making at all stages of the project is based on adequate information and takes into account environmental and social considerations for each individual location, many of which are yet to be identified. The aim is to integrate environmental and social concerns into the design and implementation of the project.
To achieve this, the Consultant will:

- Provide an assessment of the legal requirements defined in the World Bank Environmental and Social Framework (ESF), as well as in national legislation, which the project activities must comply with during implementation, and identify any gaps in national policies and procedures in relation to the Bank's ESS requirements;
- Establish general principles, rules, guidelines, and procedures for assessing environmental and social risks and impacts related to locations and activities for which detailed information is not yet available;
- Define general mitigation measures and plans to reduce, mitigate, and/or prevent negative risks and impacts, including information on the agency/agencies responsible for managing these risks and impacts, as well as their capacity for environmental and social risk management;
- Prepare a site-specific Environmental and Social Management Plan (ESMP) for the proposed Sports and Recreational Marina with Associated Infrastructure in accordance with the applicable legislation of the Federation of Bosnia and Herzegovina and the World Bank Environmental and Social Framework (ESF);
- Provide guidance to ensure stakeholder engagement at different stages of subproject implementation.

In essence, the ESMP will include the following sections, based on the prescribed table of contents under the World Bank ESS1:

- Executive Summary
- Environmental and Social Regulatory Framework relevant to the Project
- Project Description relevant to environmental and social issues
- Baseline Environmental and Social Conditions

- Screening / Risks and Impacts
- Environmental and Social Impact Assessment and ESMP preparation
- Mitigation Measures, Project Appraisal, Monitoring and Reporting Arrangements
- Environmental and Social Monitoring and Capacity Building
- Assessment of Risk Management and Dam Safety (including current status, procedures, and any recommendations in accordance with ESS4)
- Public Consultations / Grievance Redress Mechanism

Activity 3: Consultations / Public discussions

Projects such as this involve significant environmental and social risks, considering the impacts and nature of the intervention. Following preparation of the draft, the Consultant, the Client, and the Project Implementation Team (PIT) will conduct consultations with all relevant stakeholders regarding the draft document. The Consultant will be available to provide all necessary support in preparing the consultations, whether in person or online. The Consultant will prepare all materials/presentations for the consultations and produce minutes of the meetings. Public consultations will be announced through public media and outlets most relevant to the project area, while key stakeholders (identified in the Project SEP or during ESMP preparation) will be directly notified through targeted invitations.

Activity 4: Preparation of Final Documents

The Consultant will take into account comments from the Client and project beneficiaries on the draft ESMP and submit the final version to the Client/Contracting Authority and the PIT within 7 days of receiving comments from public consultations as well as comments provided by the PIT personnel. The final draft document will incorporate feedback received during these consultations. The final version of the ESMP will be publicly disclosed again and will include attached minutes from the public consultations.

Activity 5: Adoption of the Final Design Report

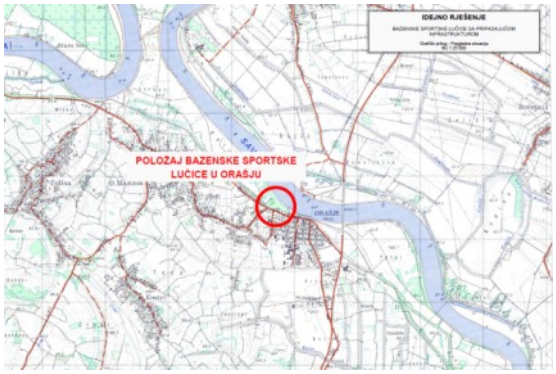
Upon receipt of the draft final report, in accordance with the relevant law, the Client shall contract a review body to accept, request revisions to, or reject the draft final report within a maximum of 7 days from its receipt.
No later than 10 days after receiving the review report, the Consultant shall make all necessary corrections, revisions, and provide responses to the reviewer's comments. If there are no objections to the final report, the Client shall issue a written confirmation of approval and completion of the final report – the Main Design.

Other

Consultant's Obligations

a) The Consultant is expected to work from his/her own premises using his/her own office equipment;
b) During the execution of the assignment, the total cost for preparing the entire project task must be specified;
c) The Client is obliged to provide the Consultant with all relevant project documentation necessary for the execution of the contracted services.

Annex B: Project Description and Technical Specification

TECHNICAL DESCRIPTION	Construction of a Sport and Recreational Marina (Basin – Type) on the Sava River
	It is necessary to define the organization and spatial layout, including: access roads, parking areas, pedestrian paths, access routes, stairways and ramps for persons with disabilities, landscaping solutions and urban equipment, as well as the integration of planned facilities into the existing infrastructure.
	The conceptual design shall define the basic construction elements of the sports and recreational marina with accompanying infrastructure: 1. Sports and recreational marina area – berthing space for 80 vessels; 2. Parking area for 120–180 parking spaces; 3. Promenade (pedestrian and bicycle path); 4. Other elements: vehicle servicing, dock supervision, and boat launching ramp.
	The conceptual breakwater design shall also include the pontoon anchoring system and mooring elements (pilings, anchoring blocks, etc.), as well as the design solution for pontoons and access bridges for docking vessels/boats.
	CONSTRUCTION OF THE SPORT AND RECREATIONAL MARINA (Basin – type9ON THE SAVA RIVER – (Map)
MAP (LOCATION)	 GENERAL OVERVIEW
TECHNICAL SPECIFICATION	GENERAL PROJECT ELEMENTS
	The construction of the "Sports and Recreational Marina in Orašje" is intended to provide the technical conditions for the use of the area along the Sava River through the development of a sports and recreational marina with accompanying infrastructure and facilities in Orašje. Essentially, this project shall elaborate the conditions for the construction of the docking facility. The basic construction elements for the project design of the basin sports and recreational marina and the division of the project area, together with the associated infrastructure, are defined as follows: 1. Basin marina area – 80 berths (vessels) with berth categorization; 2. Parking area for 120–180 parking spaces; 3. Promenade (pedestrian and bicycle path) – approximately 650 m in length. Connection to Existing Infrastructure **Water Supply** - For the normal functioning of the basin sports and recreational marina, it is necessary to ensure water supply for public water distribution and fire protection purposes. These requirements shall be met through the construction of a pressurized water supply pipeline connected to the existing public water supply system in Third Street. The basic water supply concept is based on a branched water supply network system with a nominal diameter of DN 110, ensuring both water supply and fire protection. The pipeline route shall also include hydrants for fire protection purposes. A connecting water supply chamber and an above-ground hydrant shall be installed on the riverbank immediately adjacent to the access bridge. **Public Drainage -** The drainage concept for sanitary, wastewater, and oily water (if

	required) shall be designed with an appropriate solution and connection to the existing municipal infrastructure, in accordance with the requirements of the Project's technical solution. **Rainwater Drainage -** To address the potential flooding of the parking area during extreme rainfall events, as well as the collection and proper diversion of large quantities of water, a rainwater drainage system shall be constructed. Rainwater drainage shall be implemented through the installation of linear rainwater collectors in the form of grated channels, concrete gutters, and triangular concrete channels, from which rainwater will be conveyed through a separator to a pumping station and further into the sewerage network of the City of Orašje or discharged into the Sava River. **Energy Infrastructure -** Electrical power installations shall be brought to the project area through an energy conduit. The energy conduit shall be routed alongside traffic areas within the green belt, while avoiding any excavation that could weaken the existing flood defense embankment. The standard cable laying depth shall be h_0 = 80 cm, while the minimum cable laying depth shall be hmin = 50 cm. Electricity supply for the marina, including pontoon electrical installations, dock lighting, and the dock security system (video surveillance), shall be connected to the existing electrical grid of the City of Orašje. Additionally, lighting fixtures in the form of street lamps shall be installed along pedestrian and bicycle paths as well as in the parking area. The planned spacing between lighting fixtures is approximately 15–25 m.
	The Project shall foresee the possibility of phased implementation of works.
CONCLUSIONS AND RECOMMENDATIONS	CONCLUSIONS
	The data presented in this project activity overview have been taken from the project assignment forming part of the Tender Documentation for the preparation of the conceptual design titled: "Preparation of the Conceptual Design of the Sports and recreational Marina with Associated Infrastructure", dated 28 February 2022. The Municipality of Orašje has undertaken the necessary activities related to the preparation of the conceptual design and the collection of the required technical documentation for the construction of the sports marina on the Sava River. Upon completion of the main design, all technical details of the project will be designated.
GRAPHICAL ANNEXES	
	The micro-location of the basin sports and recreational marina is situated on the right bank of the Sava River, in the very center of the Municipality, on cadastral plot no. 1/1, C.M. Orašje. The subject plot covers an area of 51,458 m² within the inundation zone of the Sava River. In the immediate vicinity of the marina are: Hotel Navis, Municipality of Orašje, County General Hospital. The location of the basin sports and recreational marina is positioned on the right side of the inundation area of the Sava River at river kilometer 266+674 (see figure above).