## Republic of Serbia

## Ministry of Agriculture, Forestry and Water Management – Directorate for Water

## SAVA AND DRINA RIVERS CORRIDORS INTEGRATED DEVELOPMENT PROGRAM (SDIP)

## Loan no. 9128YF

**Informal inquiry on potential interest to participate in Galovica channel Works**

To whom it may concern,

Dear,

The Republic of Serbia has received financing from the World Bank towards the cost of the Sava and Drina Rivers Corridors Integrated Development Program, and intends to apply part of the proceeds toward payments under the contracts for works to support flood protection and environmental management of the Sava and the Drina River Corridors.

The Ministry of Agriculture, Forestry and Water Management (MAFWM)–Republic Directorate for Water (RDW) is responsible for works on flood protection under two components of the Program:

* Component 1: Integrated Management and Development of the Sava River Corridor – this component finances investments in renovations and upgrading of flood protection infrastructure to address the increasing risk of flooding due to climate change. These activities reduce the risks and impacts of floods, thereby increasing the resilience to climate change – related threats.
* Component 2: Integrated Management and Development of the Drina River Corridor – this component will support multipurpose investments along the Drina River to reduce the risk of a potential impact of floods. This component facilitates the implementation actions, management measures, and investments identified by the Drina Strategic Action Plan prepared under Western Balkans GEF-SCCF Drina River basin Management Project and investments identified through the ESAP Integrated Water and Hydropower Development Project. The above measures contribute to increased resilience to floods and droughts.

In this respect, the Ministry of Agriculture, Forestry and Water Management (MAFWM)–Republic Directorate for Water (RDW) is planning to engage the contractor to clean the complete Galovicachannel and perform small rehabilitation works.

*Specific Project Details – Galovica channel:*

The hydro melioration system (HMS) Galovica covers an area of 71,600 ha and extends over two melioration areas:

* 28,411 ha belongs to the melioration area "Belgrade Sava 1" (municipalities of Zemun, Novi Beograd and Surčin) – and is under the responsibility of JVP "Srbijavode",
* 43,189 ha belongs to the melioration area "Srem" (municipalities of Ruma, Stara Pazova and Pećinci) – under the responsibility of JVP "Vode Vojvodine".



Figure 1‑1. Hydro melioration system Galovica

The Galovica channel is the main channel of the Galovica hydromelioration system, it has a catchment area of 71.600 ha. The channel route from the pumping station (PS) Galovica, on the left bank of the Sava River, to the settlement of Buđanovci has a length of 46,88 km.

Intention of the Directorate for water is to clean the complete channel and perform small rehabilitation works, consisting of:

* Topographic surveys
* Cleaning of vegetation,
* Earth works for cleaning of the channel
* Building of access roads;
* Rehabilitation of existing roads,
* Concrete works,
* Removal of the landfills.

 A brief description of the works is given in Appendix 1 of this letter.

Considering the importance and size of the assignment an additional market assessment is preferable. With this inquiry the MAFWM–RDW aims to assess the general interest of the potential bidders.

The MAFWM–RDW guarantees that all information provided at this stage will be handled with high confidentiality in accordance with WB Procurement Regulations and will not be treated as binding. Therefore, the MAFWM–RDW hereby invite interested recipients to respond on the attached Questionnaire.

The participation in this inquiry is voluntary and will not have any consequences for later participation. Moreover, please note that no feedback to your answers will be given. If your company is generally not interested in participating, we would appreciate a short notice.

In case of general interest, we kindly request to fulfill attached Questionnaire.

Deadline for submission of the answers is **Tuesday, July 15, 2025**, by 14:00 local time, to the following email addresses:

mirko.gvozdenovic@minpolj.gov.rs;

mirjana.pbrajovic@minpolj.gov.rs;

ognjen.popovic@minpolj.gov.rs;

Further, kindly note that the online **Early Market Engagement event** is planned to take place on **Friday, July 18th, 2025 at 10:00 local time**, during which more deep discussions about the Project will take place. During the meeting, the participants will have an opportunity to provide its feedback and experience on the design, evaluation criteria and other related topics.

Thank you very much in advance for your support.

Please kindly confirm the receipt of this email and the attendance at the meeting.

**Appendix 1: Works Description**

**1. Topographic Surveys:**

* Although a detailed topographic campaign was carried out, Employer is not responsible for accuracy of available data and Contractor shall check the accuracy and include in his works any additional surveying activities.
* The Contractor is obliged to carry out topographic surveys of the existing terrain, establishment of record profiles at a mutual distance of 50 m, clear marking (staking out) of profiles on the ground as well as establishment of reference points. In case of damage to reference points or marks of transverse profiles, the contractor is obliged to form new marks and reference points.

**2. Cleaning of vegetation:**

* It is necessary to perform terrestrial machine mowing, removal of plant vegetation (grass), cut trees with a a chainsaw and remove the stumps with a appropriate machinery. On a flat surface, the channel landfill and on sloping surfaces up to 1.5m of the channel itself, mowing shall be carried out with a tractor with a towed screed - a mower, while on sloping surfaces over 1.5m mowing shall be carried out with a screed hung on a crane arm. Mowing shall be carried out on the surfaces given in the proofs and the bill of quantities and estimate.

**3. Earth works for cleaning of the channel:**

* *Removal of the old landfill on the right bank of the channel* - The old landfill on the right bank, which is subject of removal, is located at the station from km 26+241 to km 31+178, in a total length of 4.94 km.
* *Removal of the old landfill on the left bank of the channel* - The old landfill on the left bank, which is subject to removal, is located at the station from km 26+241 to km 31+178, in a total length of 4.94 km.
* *Excavation of the working path on the right bank of the channel* - The working track on the right bank is located at the station from km 0+000 to km 16+818 and from km 22+045 to km 26+241, with a total length of 21.01 km
* *Excavation of the working path on the left bank of the channel* - The working track on the right bank is located at the station from km 0+000 to km 16+818 and from km 22+045 to km 26+241, with a total length of 21.01 km
* *Excavation of soil material from the channel bed* - It is necessary to carry out mechanical excavation of soil material from the channel bed using a hydraulic excavator with a long arm with a minimum reach of 14 m in soil of category I, II and III with dumping to the side for drainage, without scarping the slope. Excavation of earth material should be carried out on the entire length from km 0+000 to km 46+487, total length 46.49 km.
* *Rehabilitation of the existing embankment* - At the section from km 0+000 to km 5+672, the rehabilitation of the embankment is planned. It is necessary to carry out mechanical excavation of the humus of the embankment using a bulldozer in a layer of 30 cm with transport over a length of 20 to 40 m and storage at a temporary landfill.

**4. Cleaning of the culverts:**

* On the entire section there are 25 culverts which is necessary clean up and to bring purpose. For needs cleaning culverts execute making working platforms for mechanical engineering cleaning culvert, with an excavator. Switching material with temporary landfills for construction of partitions, installation earthy material with filling for needs construction of partitions and installation of PVC pipes for implementation water which touches through a channel in the length of 15 m per culvert.

**5. Concrete works:**

* Concrete works under the culverts, bottom and slopes of the channel on the up and down side of the bridge span 10m – Type 1 (12 pieces)
* Concrete work under the culverts, bottom and slopes of the channel on the up and down side of the bridge span 5m - Type 2 (6 pieces)
* Concrete work under the culture, bottom and slopes of the channel on the up and down side of the bridge span 4m - Type 3 (7 pieces)

**6. Rehabilitation of existing roads:**

* Section 1 - from the place of deposit to the building "Salaš Stremen" – in length of 880m. Although the road is in solid condition, there are potholes in some places. The Contractors obligation is to fill potholes with crushed stone aggregate, as well as to secure the edge of the roadway.
* Section 2 - from the building "Salaš Stremen" to the turn for the embankment – in length of 930m. Contractor shall carry out mechanical excavation of soil material for road widening. The widening shall be 1m wide and 0.5m deep. Excavated material shall be loaded into dump trucks and transported to the landfill, with a maximum distance of up to 5 km. Construction of the bearing pavement structure by stabilizing the soil using a hydraulic binder with a total width of 4.5 meters and a layer thickness of d=0.25 m, installation of the bituminized bearing layer BNS22 with a total width of 4 meters and layer thickness d=8cm and asphalt layer AB11 with a total width of 4 meters and layer thickness d=5cm.
* Section 3 - from the embankment turn to the intersection with the highway – in length 3680m. For the purpose of rehabilitating potholes and correcting the cross section leveling, Contractor shall fill in sandy material in a width of 4.2m and a layer thickness of 0.15m. Contractor shall carry out construction of the supporting structure by stabilizing the soil using a hydraulic binder with a total width of 4.1 m. The thickness of the layer is 0.30 m. The stabilized layer must be compacted to a strength of at least 70 MPa.
* Section 4 - from the intersection of the embankment with the highway to the beginning of the canal – in length 3700m. Carry out machine excavation of humus with a total width of 4.5 m and a thickness of 0.15 m. Load the excavated material into trucks and take it to the landfill, a maximum distance of up to 5 km. For the purpose of rehabilitating potholes and correcting the cross section leveling, fill in sandy material in a width of 4.5m and a layer thickness of 0.15m. Construction of the bearing pavement structure by stabilizing the soil using a hydraulic binder with a total width of 4.2 meters and a layer thickness of d=0.30 m.
* Rehabilitation of an uncategorized access road with a total length of 2450 m - to p.s. "Galovica" and p.s. "Petrac nova" - On this section, there is an uncategorized road that is dirt, in poor condition with the existence of potholes and as such is not suitable for the movement of trucks during the works, especially during wet weather conditions. It is necessary to complete the rehabilitation of the uncategorized road. Construction of the bearing pavement structure by stabilizing the soil using a hydraulic binder with a total width of 4.2 meters and a layer thickness of d=0.30 m.

**7. Removal of existing illegal unsanitary landfills:**

* There are four illegal landfills for mixed waste along the Galovica hydromelioration canal. The landfills are located at the canal stations:

1. km 2+980.39

2. km 6+303.51

3. km 8+087.90

4. km 37+809.51

Illegal landfills contain mixed waste, both municipal and construction, resulting from the uncontrolled disposal of household waste. According to waste classification, it is non-hazardous waste and is labeled:

- 200202 earth and stone

- 200301 mixed municipal waste

- 200307 bulky waste

- 200399 municipal waste not otherwise specified

When removing illegal dumps, it is necessary for the contractor to have the appropriate permits for collection, transport and treatment. waste issued by the competent authorities.