

# Terms of reference (ToR) for the procurement of services below the EU threshold

CONFIDENTIAL

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| <b>Consultancy Services for Development of 3 DPRs to support implementation of Tapi RBM (River Basin Management) Plan, Establishment of the Solution Forum/ RBM Implementation Platform and Orchestrating Business Events</b> | <b>Project number/<br/>cost centre:</b><br><br><b>G-012099-001 and<br/>G-012099-002<br/>(Internal Order:<br/>12099020000)</b><br><br><b>Tender number</b> |
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## **0. List of abbreviation**

|       |                                                                          |
|-------|--------------------------------------------------------------------------|
| AG    | Commissioning party                                                      |
| AN    | Contractor                                                               |
| AVB   | General Terms and Conditions of Contract for supplying services and work |
| CGWB  | Central Ground Water Board                                               |
| CWC   | Central Water Commission                                                 |
| EU    | European Union                                                           |
| EUD   | Delegation of the European Union to India                                |
| EU MS | European Member States                                                   |
| FK    | Expert                                                                   |
| FKT   | Expert days                                                              |
| GoI   | Government of India                                                      |
| GIZ   | Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH       |
| IEWI  | India EU Water Initiative                                                |
| MoJS  | Ministry of Jal Shakti                                                   |
| NWA   | National Water Academy Pune                                              |
| RBM   | River Basin Management                                                   |
| SLC   | State-level Committee                                                    |
| ToC   | Table of Contents                                                        |
| ToR   | Terms of reference                                                       |
| WP    | Work Package                                                             |

## 1. Context

### BACKGROUND

The Project “**Support to Ganga Rejuvenation (SGR)**” in conjunction with the “**Development and Implementation Support to the India-EU Water Partnership, (IEWP Action)**” is implemented by GIZ on behalf of German Federal Ministry of Economic Cooperation and Development (BMZ) and the European Union (EU). Activities under the project financed by BMZ had its first phase from 2015-2020, Phase II from Nov 2020 to February 2024. Presently the project is in its third phase. The Indo-German technical cooperation project, ‘Support to Ganga Rejuvenation, started with the launch of Namami Gange Mission by Government of India towards the protection and rejuvenation of river Ganga and its tributaries. The implementation partner of the project is National Mission for Clean Ganga (NMCG). Since its inception project has been working together with Indian national, states and district level actors on various topics ranging from performance assessment of STPs to public awareness / outreach, strengthening of responsible institutions and application of integrated River Basin management approaches. With the Gazette notification of Government of India (Ganga Authority Orders, 2016), NMCG has been established as an Authority under EPA 1986. With these transformational changes, and an explicit mandate for integrated RBM and gradual decentralisation at district level at the end of 2016, the SGR project focused in the second phase on developing an RBM approach that combines international experience with the Indian context. This approach was used together with the partners for the development of the Tapi and Ramganga RBM plans as well as for four District Ganga Plans (DGP). Furthermore, the second phase focussed on the institutional development of NMCG into becoming a full functional river basin organization. Despite an improved understanding of RBM approaches and their implementation, coordination between the several relevant actors still needs improvement for the implementation and monitoring of RBM/DGPs. Therefore, for the third phase of SGR project, there is a great need for the exchange of experience among national, regional and local institutions (broad impact) and for the development of capacities to institutionalize the RBM approach and enable its application in more districts and other river basins from planning, development, to implementation and monitoring of the river centric plans.

The **India-EU Water Partnership (IEWP)** is an outcome of the ‘Joint Declaration on an India – EU Water Partnership (IEWP)’ adopted by the EU and the Government of India during the 13th EU-India Summit in Brussels in March 2016 and the Memorandum of Understanding (MoU) on Water Cooperation between the EU and the Government of India signed in October 2016. The dedicated Action “**Development and Implementation Support to the India-EU Water Partnership**”, referred as **IEWP Action** has been implemented since 2017. The EU and the German Ministry for Economic Development (BMZ) had commissioned GIZ with its implementation through co-financing to make best use of numerous synergies. The IEWP Action is implemented in conjunction with the **Indo-German Technical Cooperation Project Support to Ganga Rejuvenation (SGR)**, based on a Contribution Agreement between the Delegation of the European Union to India and GIZ.

The IEWP Action was implemented in two phases: phase I, from 1 July 2017 to 31 October 2020 (40 months), and phase II from 1 November 2020 to 30 November 2023 (37 months). The present Action, India-EU Water Initiative (IEWI), is a follow up of the IEWP Action and commenced in March 2024 until February 2027 (36 months). The **India-EU Water Initiative (IEWI)** is the third phase of the project formerly known as **IEWP Action**. The Objective of IEWI is strengthened technological, scientific and management capabilities of India in sustainable modernisation and management of water resources, including through joint EU-India businesses, States, regions and/or cities initiatives in the water sector.

## **THE CONTEXT AND RELEVANCE**

India's water resources are under increasing pressure due to a combination of population growth, rising agricultural and industrial demands, increasing frequency and intensity of hydrological extremes, and fragmented governance systems. These pressures, if left unaddressed, pose severe risks to both water security and ecological sustainability. Recognizing this, the Government of India has acknowledged the necessity of adopting a more integrated and scientifically grounded approach to water resource planning and management - one that moves beyond administrative boundaries and takes a **basin-wide, systems-thinking perspective** into consideration.

In this context, **River Basin Management (RBM)** has emerged as a central framework for strategic water governance. With support from the **Indo-German Bilateral Cooperation project 'Support to Ganga Rejuvenation' (SGR)** and the **India-EU Water Partnership (IEWP)**, a set of tools, methods, and institutional practices have been introduced and piloted to initiate a transformational shift towards assessment, management and rejuvenation of Indian river basins.

A key innovation in this journey has been the introduction and contextual adaptation of the **River Basin Planning and Management Cycle (RBM Cycle)** - a structured and iterative planning methodology grounded in the implementation philosophy of **European Water Framework Directive (EU WFD)**.

The **first complete implementation** of the RBM Cycle in India took place through the development of the **Tapi River Basin Management Plan (Tapi RBM Plan)** under the IEWP Action Phase 1. Developed in close partnership with the **Central Water Commission (CWC)**, **Central Ground Water Board (CGWB)**, and the riparian States (Maharashtra, Gujarat, and Madhya Pradesh), the Tapi RBM Plan involved extensive stakeholder consultations, technical assessments, and spatial analyses. It presented:

- A hydrological and ecological **basin characterisation**;
- Identification and risk assessment of **five priority KWMIs**;
- A comprehensive **Programme of Measures (PoM)**,
- More than **30 thematic GIS maps**,
- Recommendations for future governance, monitoring, and implementation strategies.

The plan marked a **paradigm shift** toward integrated and cross-sectoral basin planning in India - grounded in European good practice but tailored to Indian administrative and institutional realities. Notably, **Tapi RBM Plan was formally adopted by Ministry of Jal Shakti** and are currently in **active implementation**, with provisions for monitoring and feedback. This represents one of the most concrete institutional endorsements of the RBM approach in India and demonstrates a strong political and technical foundation for upscaling across other basins.

### *IEWP Phase 1 and Phase 2: Development of detailed Tapi RBM Plan*

In Phase 1 of India-EU Water Partnership (IEWP) Action, a **River Basin Management Plan (RBM Plan)** for Tapi River was developed using **EU Water Framework Directive** approaches. The Ministry of Jal Shakti constituted the **Tapi River Basin Committee** to steer the development of Tapi RBM Plan. Based on the Committee's recommendations, the Plan was further detailed in Phase 2 of IEWP Action by EU and Indian experts. The Tapi RBM Plan was formally adopted by the Committee during Phase 2. The Tapi RBM Plan includes a Programme of Measures (PoM) based on a Risk Assessment of 'five prioritized Key Water Management Issues' in the basin.

### *IEWI Phase 3: Support Implementation of Tapi River Basin Management Plan*

Similar to Tapi RBM Plan developed in accordance with EU WFD principles, the **Ramganga RBM Plan** was prepared and adopted under Support to Ganga Rejuvenation (SGR) programme. During current phase of SGR, the Ramganga Plan is being implemented by NMCG as the designated federal agency. However, due to the absence of a federal implementation agency for Tapi Basin, the Tapi River Basin Committee recommended implementation through respective state-level basin committees. **Tapi River Basin Committee** recommended the implementation of measures outlined in Tapi RBM Plan 2023, to be implemented by respective State Governments (Maharashtra, Gujarat, Madhya Pradesh). To engage the Tapi Basin States in implementation of measures, it is proposed that Ministry of Jal Shakti (MoJS) facilitate the strengthening of the collaborative framework with these states. **This involves establishing state-level Tapi committees under the Chief Secretary or Secretary of the Water Resources Department (WRD) in the respective Tapi Basin states. State-level Committee includes members from multiple state departments and Central Water Commission (CWC) and CGWB regional offices.** Currently Maharashtra State Committee for implementation of Tapi RBM Plan has been constituted. State Committees in Gujarat and Madhya Pradesh formation is underway.

The **Programme of Measures** identified under the Tapi RBM Plan contains a range of interventions requiring further technical detailing before implementation. While the RBM Plan provides strategic direction, however implementation of measures require:

- Site-specific investigations;
- Technical feasibility assessments;
- Financial and economic viability;
- Institutional implementation arrangements;
- Operation and maintenance frameworks.

Tapi RBM Plan identifies more than 100 Programmes of Measures (PoMs) covering various interventions across the river basin. Under IEWI Action Phase 3, and in alignment with the ongoing establishment of State-level Tapi Committees in Maharashtra, Gujarat, and Madhya Pradesh, one priority PoM will be identified by each respective State level Committee. **Based on consultation with State-level Committee, three Detailed Project Reports (DPRs) will be prepared for three prioritized measures to facilitate implementation of Tapi RBM Plan.**

- The **preparation of these DPRs** will provide a framework for translating the identified PoMs into implementable projects and will enable the concerned implementing agencies to mobilize resources through State and Central Government schemes, multilateral development institutions, climate finance mechanisms, and other development financing sources.
- **The financing viability and implementation roadmap for three DPRs will be discussed through established Solution Forum/RBM Implementation Platform.** The Platform will identify suitable financing mechanisms, including public and private sources, as well as national and international financing institutions.

**Note:** For a detailed overview of the Tapi RBM Plan, including identified Key Water Management Issues across the basin and corresponding Programme of Measures, refer to *Annexure 1: Tapi RBM Plan*.

### **Solution Forum/RBM Implementation Platform**

One of the instruments to adapt and deploy the best solutions for the sustainable modernisation and management of Indian water resources is *RBM Implementation Platform* (formerly named the Solution Forum). The Platform brings together central and state actors, the EU, EU Member States, Indian businesses, technology providers, and financing institutions to facilitate the implementation of measures in the water sector in India in general, and in the Tapi and Ramganga river basins in particular.

The Establishment the of the *Solution Forum/RBM Implementation Platform* aims to facilitate investments and procurements, propose the development of standards/conformity assessment and market surveillance, enhance education, facilitate technology transfers, engage in B2B for IN-EU co-innovation with focus on implementation of water management measures (PoMs) and on market-uptake of new or adapted water technologies, fit for Indian circumstances and mutually profitable to EU and Indian businesses involved.

These actions are essential to adapt and deploy the most advanced sustainability solutions that are both affordable and manageable within the specific context of water management in India and will focus on market-uptake of new or adapted water technologies. This pillar should identify and seek synergies with any relevant outcomes from the Trade and Technology Council WG2 among others.

India is one of the world's largest and fastest-growing water infrastructure markets, creating major opportunities for European companies in areas such as wastewater treatment, water reuse, leakage reduction, digital monitoring, resource recovery, desalination and climate-resilient water systems. European firms bring strengths in innovation, energy efficiency, circular economy solutions and advanced water management, making partnerships with India highly promising. However, challenges remain, including procurement systems that prioritize lowest-cost bids over long-term value, financially constrained municipal utilities, inadequate planning for operation and maintenance costs, regulatory and standards-related complexities, and limited early-stage collaboration between cities and international technology providers, all of which can hinder the adoption and financing of advanced solutions.

The recent India-EU Free Trade Agreement (FTA) is expected to strengthen economic cooperation by reducing trade barriers, facilitating investment and improving market access. For European companies, it creates new opportunities to participate in India's growing water infrastructure sector, while India benefits from greater access to advanced technologies, expertise and sustainable financing. The agreement can therefore accelerate innovation, investment and long-term collaboration in support of both economic growth and water sustainability goals.

The *Solution Forum/RBM Implementation Platform* is strategically positioned to address both institutional capacity gaps and market barriers by linking policy dialogue, capacity building, project preparation, financial modelling and India–EU business engagement. Building on the existing platform concept (refer to *Annexure 2: Concept on establishment of Tapi RBM Solutions Forum to enhance EU Business Opportunities in Water Sector in India*), the Consultant will review and update the framework and support its establishment, operationalisation and long-term sustainability, creating a practical bridge between river basin management objectives and investment mobilisation.

### **RBM Investment Opportunities: Business Events**

The Ramganga basin is currently subject to a set of integrated planning efforts, including basin plans and measures as well as district-level action plans aimed at improving water quality, strengthening ecosystem resilience, and enhancing sustainable resource management. While these planning instruments provide a clear strategic direction, their implementation faces a range of persistent challenges, including limited financial resources, inadequate coordination across administrative levels, gaps in technical capacity, and the need to translate planned interventions into investable and operational projects. Many identified measures at district level require innovative technical solutions, stronger institutional coordination, and access to scalable financing mechanisms to move from planning to execution.

The Federal Ministry for Economic Cooperation and Development (BMZ) finances this initiative and places it within its strategic priority of “Cooperating with the Private Sector.” As part of its approach to “Shaping the future together globally”, BMZ seeks to create enabling conditions for pro-development private sector engagement, fair trading relations, local value creation, and inclusive growth in partner countries. Building on this framework, the proposed business and investment-focused events in the Ramganga basin are designed as a practical response to bridge the implementation gap. These events will create a structured platform to present priority measures to the private sector, identify viable solutions and technologies, and co-develop concrete project opportunities that can be implemented on the ground. In doing so, the initiative will actively involve German and European businesses, promote adherence to social and environmental standards and engage to find business opportunities. This will contribute to improving the investment climate, strengthening local value creation, and facilitating sustainable financing solutions for the effective implementation of the Ramganga basin and district-level plans.

## **OBJECTIVES OF THE CONTRACT**

### **Overall Objective**

The overall objective of this consultancy contract is to prepare three Detailed Project Reports (DPRs) for three prioritized Programmes of Measures (PoMs), one selected by each Tapi Basin State, to support the implementation of the Tapi River Basin Management (RBM) Plan, and to establish an RBM Solution Forum/ RBM Implementation Platform that will facilitate the implementation of priority measures through the development of financing pathways, policy dialogue, capacity building, project preparation, stakeholder engagement, strengthened cooperation with EU Member States, and investment mobilisation.

### **Specific Objectives**

The specific objectives of this consultancy contract are:

#### ***For development of three DPRs for prioritized PoMs of Tapi RBM Plan:***

- a) Support prioritisation of one Programme of Measure (PoM) in each Tapi Basin State (Gujarat, Maharashtra and Madhya Pradesh) through stakeholder consultations with State-level Tapi River Basin Committees and relevant implementing agencies.
- b) Undertake all necessary technical assessments and local stakeholder consultations required for preparation of Detailed Project Reports (DPRs), including collection and review of baseline data, and field investigations
- c) Develop technically feasible & financially viable solutions in DPRs



- d) Define implementation arrangements, including institutional roles, stakeholder coordination, O&M requirements, monitoring mechanisms, etc.
- e) Prepare cost estimates, propose potential funding sources and convergence opportunities with government programmes and development partners.
- f) Develop implementation-ready DPRs with required technical, financial, and institutional documentation.

***For the establishment of Solution Forum/RBM Implementation Platform:***

- g) Review the existing concept of the Solution Forum/RBM Implementation Platform, conduct consultations and interviews with key stakeholders, and develop a refined concept, governance structure, and operational framework aligned with the needs of the Tapi Basin States.
- h) Design and facilitate stakeholder engagement and policy dialogue processes to build consensus on the Platform's objectives, structure, and functions, and support the formal establishment of the Solution Forum/RBM Implementation Platform.
- i) To pilot the development of financing pathways for prioritized PoMs as part of the Solution Forum/RBM Implementation Platform, by identifying and assessing relevant financing opportunities and investment mechanisms to support implementation readiness.

***For orchestrating Business events:***

- j) Organize thematic events aligned with the priority water management challenges in selected river basins, to foster collaboration, knowledge exchange, and the development of innovative and sustainable solutions for integrated basin-level water resources management.

## **2. Tasks to be performed by the contractor**

Specific tasks of the contractor are clustered into **three Work Packages (WP)** including deliverables as detailed as:

*Work Package 1: Development of three DPRs for prioritized Programme of Measure*

*Work Package 2: Refinement & support to the establishment of the Solution Forum/RBM Implementation Platform*

*Work Package 3: Orchestration of Regional Business Forums for RBM Investment Opportunities*

**Work Package 1: Development of three DPRs for prioritized Programme of Measure**

### **WP 1.1: Inception and Baseline Assessment**

**Objective:** This work package section will establish the technical, institutional and stakeholder foundation for the assignment. It will include facilitating stakeholder consultation with respective state-level committees for defining scope of work and developing data framework. It will also include undertaking baseline assessments required for DPR preparation.



#### Tasks:

- Review the Tapi River Basin Management Plan, relevant studies, datasets and sectoral plans
- Prepare an inception report outlining work plan and stakeholder engagement strategy.
- Facilitate stakeholder consultations with State-level Tapi River Basin Committees and implementing agencies and support prioritisation of one PoM in each basin State.
- Establish baseline conditions, defined scope of work and implementation context for each selected PoM.
- Undertake reconnaissance visits/ field missions in selected area of interventions, and conduct stakeholder consultation with District Magistrate(s) or relevant local government departments
- Compile and assess available hydrological, hydrogeological, water quality, environmental and socio-economic data relevant to selected PoMs
- Identify data gaps and additional field investigation requirements.
- Undertake detailed field missions & surveys for technical investigations and assessments.
- Undertake hydrological, hydrogeological, and engineering analyses and surveys, as applicable.
- Prepare preliminary engineering drawings, designs, layouts and technical specifications.

#### Deliverables:

##### (1) Inception Report

The Inception Report shall present understanding of the assignment, detailed methodology for preparation of the DPRs, work plan, staffing schedule, stakeholder engagement strategy, consultation framework, and data collection approach.

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##### (2) Stakeholder Consultation with SLCs for PoM Prioritisation

The consultants shall conduct Stakeholder Consultation with each State-level committee (Maharashtra, Gujarat, Madhya Pradesh), through presenting Tapi RBM Plan, evaluation of shortlisted Programme of Measures, and formal confirmation of **one priority PoM** in each of the three Tapi Basin States for DPR preparation. For development of DPRs, the **geographical area of interventions** (including project locations, boundaries) and **involvement of relevant districts/local governments**, shall also be finalised during these consultations.

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##### (3) Reconnaissance Field Mission & Local Stakeholder Consultations

The Consultants shall undertake **Reconnaissance Field Missions** to selected area of interventions for baseline data collection and conduct **Local Stakeholder Consultations with relevant District Magistrate(s) and local government departments**. The Consultant shall undertake Baseline Assessment for technical and financial feasibility relevant to the implementation of selected PoMs, including base maps. Also identify data gaps, additional investigations and studies required during subsequent stages of DPR preparation.

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##### (4) Detailed Field Mission & Surveys

The Consultants shall undertake the **Detailed Field Missions & Surveys** for technical investigations & assessments needed for DPR development. The Field Mission Report shall cover findings of all field investigations and technical assessments undertaken for selected 3 PoMs, including hydrological, hydrogeological, water quality, engineering and infrastructure analyses, together with baseline technical information required for DPR development, and Table of Content (ToC) for each DPRs.

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#### WP 1.2: DPR Preparation and Implementation Planning

**Objective:** This work package section will prepare implementation-ready DPRs for the three selected PoMs, including engineering designs, cost estimates, financing strategies, implementation arrangements and institutional frameworks necessary for project approval and execution.

**Tasks:**

- Prepare detailed engineering designs, drawings and technical specifications.
- Develop detailed cost estimates, Capital and O&M requirements.
- Assess financial viability of DPRs; Identify potential financing opportunities and convergence with relevant government schemes and programmes.
- Define institutional arrangements, implementation responsibilities and governance mechanisms.
- Conduct stakeholder validation workshops (one each in Maharashtra, Gujarat, Madhya Pradesh) and incorporate comments.
- Finalise DPRs in accordance with state-level committee and implementing agencies requirements.

**Deliverables:**

**(5) Preliminary DPRs**

The Preliminary DPRs shall present technical and management options, feasibility assessments, preliminary engineering designs, conceptual layouts, design criteria, preliminary cost estimates and the preferred option to be carried forward for DPR preparation.

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**(6) Stakeholder Consultation with SLCs for presenting draft DPRs**

The Consultant shall prepare and submit Draft Detailed Project Reports (DPRs) for each of the three selected Programme of Measures (PoMs). The Draft DPRs shall provide a complete technical, financial, and institutional framework for implementation of the proposed interventions and shall be suitable for stakeholder validation.

The Consultant shall conduct **Stakeholder Consultation with each State-level committee** (Maharashtra, Gujarat, Madhya Pradesh). The Draft DPRs shall be presented to the State committees and relevant stakeholders for review and comments.

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**(7) Final DPRs for each of Three Selected PoMs**

The Consultant shall finalize the DPRs based on comments and recommendations received from the State-level Tapi River Basin Committees and other stakeholders during the review process.

**Final DPRs shall include dedicated chapter on financing viability & implementation roadmap. These aspects will be discussed through established Solution Forum/RBM Implementation Platform (Work Package 2), which will identify suitable financing mechanisms, including public and private sources, as well as national and international financing institutions.**

Final DPRs shall be constituted as implementation-ready document which are suitable for approval and financing by State Governments, Government of India programmes, and national or international financing institutions.

Final DPRs shall be submitted in both editable and print-ready formats, together with all supporting drawings or maps (high-quality), datasets, calculations and technical appendices.

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*Note: DPR will include following components, but not limited to:*

- *Project background, rationale and objectives*
- *Baseline conditions with base maps and thematic maps (Both in Hard and GIS form)*

- Detailed engineering designs, BOQ and technical specifications
- Engineering drawings in Auto CAD with reference to project UTM coordinates (Hard and digital form)
- Geo-Database (shape file/ CSV format) of all structural interventions present and proposed with appropriate attributes
- Cost estimates based on respective state Schedule of Rates (SoR)
- Procurement and material management strategy
- Techno economic Analysis
- Financial Analysis
  - Cost benefit Analysis
  - Internal Rate of Return
- Financial Viability of the project
- Convergence with Central/ State government programmes
- Implementation schedule and phasing plan

**Work Package 2: Refinement & support to the establishment of the Solution Forum/RBM Implementation Platform**

**WP 2.1 Refinement of the Solution Forum/RBM Implementation Platform concept.**

**Objective:** This work package section is to refine and validate the concept of the *Solution Forum/RBM Implementation Platform* as a scalable mechanism to support the implementation of Programmes of Measures (PoMs) and Detailed Project Reports (DPRs). Through stakeholder consultations and analysis, the consultant shall develop a revised concept and prepare a roadmap for its establishment and operation. The *Solution Forum/RBM Implementation Platform* shall promote stakeholder coordination, knowledge exchange, capacity strengthening, innovative solutions, and financing partnerships, with particular attention to facilitating collaboration between Indian stakeholders and EU Member States water-sector institutions, companies, and investors.

**Tasks:**

- Review existing studies, concept notes, stakeholder mapping reports, the Tapi RBM Plan and Programme of Measures (PoM)
- Conduct 12-15 interviews (on site and online) with key institutions, including (but not limited to) the Ministry of Jal Shakti, Central Water Commission, Central Ground Water Board, State Governments (state-level Tapi River Basin Committee in Maharashtra, Gujarat and Madhya Pradesh), implementing agencies, companies, and EU Delegation to India, to validate and improve the Platform concept.
- Identify opportunities to strengthen its role in stakeholder coordination, knowledge exchange, capacity development, innovation deployment, and financing support for the implementation of PoMs and DPRs.
- Identify relevant stakeholders and define an approach for consultation and engagement during the concept refinement process.
- Develop the revised Platform concept, defining its vision, objectives, functions, scope, governance structure, sustainability strategy and added value for stakeholders.
- Propose institutional arrangements, stakeholder roles, coordination mechanisms, and partnership structures for the future Platform.

- Present the refined concept to key stakeholders through consultation, collect feedback, and incorporate recommendations into the final outputs towards formal institutionalisation *RBM Implementation Platform*.
- Develop a roadmap outlining the steps, responsibilities, resources, and timelines required for future establishment and operation of the Platform.

#### **Deliverables:**

##### **(8) Refined Concept Note for the *Solution Forum/RBM Implementation Platform***

A revised Platform concept defining its purpose, strategic objectives, scope, functions, governance approach, stakeholder roles, and mechanisms to support implementation of Tapi River Basin priorities while enabling wider application across India. The concept shall also outline how the Platform can support implementation of priority PoMs and DPRs and can facilitate investment mobilisation, innovation uptake, and engagement of European water-sector businesses.

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##### **(9) Establishment and Operationalisation Roadmap Plan for the *Solution Forum/RBM Implementation Platform***

A roadmap outlining the pathway for establishing and operating the *Solution Forum/RBM Implementation Platform*, including institutional arrangements, stakeholder responsibilities, implementation phases, resource requirements, capacity strengthening actions, knowledge-sharing mechanisms, and approaches for sustaining partnerships and scaling implementation support.

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#### **WP 2.2: Facilitation of Stakeholder Dialogue and Establishment Process of the *Solution Forum/RBM Implementation Platform***

**Objective:** This work package section is to design, prepare, and facilitate four stakeholder dialogues. One national consultation in Delhi shall focus on building consensus around the establishment, governance, and future operation of the *Solution Forum/RBM Implementation Platform*. Three state-level consultations, to be held in Madhya Pradesh, Maharashtra, and Gujarat, with the state-level Tapi River Basin Committees, shall focus on implementation pathways for the priority DPRs, including financing opportunities, investor engagement, business opportunities, and stakeholder responsibilities.

The consultant shall be responsible for technical preparation, facilitation, documentation, and reporting. Logistical arrangements like venue booking and event management shall be the responsibility of GIZ/ Project partners.

#### **Tasks:**

- Design the overall dialogue framework, including stakeholder mapping, concept notes, agendas, and all technical and facilitation materials for the national dialogue in Delhi and the three state-level dialogues with the state-level Tapi River Basin Committees in Maharashtra, Gujarat and Madhya Pradesh.
- Prepare stakeholder invitation lists, support outreach and coordination for participation, and facilitate (moderate) all four dialogues covering the national dialogue on the Solution Forum/RBM Implementation Platform and the state-level dialogues on DPR implementation pathways, financing opportunities, investor engagement, and stakeholder roles.

- Document and analyse each dialogue, capturing key insights, consensus points, and state-specific implementation considerations.
- Synthesize findings across all dialogues into a consolidated implementation and financing roadmap covering governance arrangements for the Solution Forum/RBM Implementation Platform, DPR implementation pathways, financing mechanisms, investor engagement, and stakeholder responsibilities.

#### **Deliverables:**

##### **(10) Stakeholder Dialogue Design, Preparation and Facilitation Package**

The dialogues strategies, stakeholder mapping and engagement plan, four dialogue concept notes, all dialogue materials including presentations, background papers, and facilitation guides, invitation lists and outreach documentation, and confirmation of successfully facilitated four stakeholder dialogues.

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##### **(11) Consolidated Dialogue Outcomes and Implementation Roadmap Report**

Four individual dialogue proceedings report for Delhi, Madhya Pradesh, Maharashtra, and Gujarat, a consolidated synthesis report integrating outcomes across all dialogues, and a final presentation deck summarizing key findings, agreed recommendations, and the implementation roadmap for the financing paths for the DPRs.

#### **Work Package 3: Orchestration of Regional Business Forums for RBM Investment Opportunities**

**Objective:** This work package is to orchestrate four regional business forums that directly connect project owners, public authorities, financing institutions, investors, technology providers, and private-sector stakeholders around investment and business opportunities arising from priority River Basin Management (RBM) measures and water-sector projects. The forums shall serve as targeted matchmaking platforms to promote partnerships, facilitate access to finance, showcase project opportunities, and foster business engagement between Indian stakeholders and national and international companies in support of project implementation.

#### **Tasks:**

- Undertake targeted consultations with stakeholders in up to four locations in the region, tentatively including Lucknow, Dehradun, Varanasi, and Guwahati. These locations are indicative and may be adjusted based on priorities.
- Based on consultations and relevant Basin Management Plans and Programmes of Measures, define a thematic focus for each forum and identify relevant stakeholders.
- Identify and engage relevant project owners, government agencies, industry association, utilities, financing institutions, investors, business associations, and European and Indian companies, and design a matchmaking approach tailored to the thematic focus of each forum.
- Prepare project opportunity profiles, investment briefs, market information, participant packages, presentations, and facilitation materials to support business and investment discussions.

- Facilitate four regional business forums in Lucknow, Dehradun, Varanasi, and Guwahati, each dedicated to a specific thematic area and focused on presenting investment opportunities, promoting business engagement, and facilitating matchmaking among stakeholders.
- Document the outcomes of each forum, including investment opportunities presented, business partnerships explored, stakeholder feedback, and recommendations for follow-up engagement and project development.

*Logistical arrangements like venue booking and event management shall be the responsibility of GIZ/ Project partners.*

#### **Deliverables:**

##### **(12) Business Forum Preparation Packages (4 Packages)**

For each forum, a package including the thematic concept, rationale for theme selection, stakeholder mapping, agenda, project and investment opportunity profiles, matchmaking approach, participant materials, and facilitation plan

##### **(13) Business Forum Outcomes: Consolidated Business Engagement and Investment Opportunities Report**

One report for each forum summarising stakeholder participation, investment and business opportunities presented, matchmaking outcomes, potential partnerships identified, investor and company interest, and recommended follow-up actions to advance project development and implementation.

Certain milestones, as laid out in the table below, are to be achieved during the contract term:

| <b>Milestones for Work Package 1</b>                                                                                                                                                             | <b>Delivery Period/ Place</b>                             |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|
| Kick-off meeting                                                                                                                                                                                 | Within 1 week of signing the contract/ Online             |
| (1) Submission of Inception Report                                                                                                                                                               | September 2026/ Online                                    |
| (2) <b>Stakeholder Consultations with SLCs</b> for prioritization of PoM & finalizing geographical scope                                                                                         | October 2026/ Maharashtra, Gujarat, Madhya Pradesh        |
| (3) Undertake <b>Reconnaissance Field Mission &amp; Local Stakeholder Consultations with DM(s)</b> for situational analysis and baseline technical information required for DPR development      | End of October 2026/ Maharashtra, Gujarat, Madhya Pradesh |
| (4) Undertake <b>Detailed Field Mission &amp; Surveys</b> for detailed field investigation & technical assessment; Submission of Field Mission Report                                            | Early December 2026/ Maharashtra, Gujarat, Madhya Pradesh |
| (5) Submission of <b>Preliminary DPRs</b>                                                                                                                                                        | January 2027/ Online                                      |
| (6) <b>Stakeholder Consultations with SLCs</b> for presenting Draft DPRs to State-level Tapi Basin Committees and implementing agencies; Submission of three <b>Draft DPRs</b> for selected PoMs | End of January 2027/ Maharashtra, Gujarat, Madhya Pradesh |
| (7) Feedback incorporated and Submission of three <b>Final DPRs</b> for selected PoMs                                                                                                            | End of February 2027/ Online                              |

| Milestones for Work Package 2                                                                                                                                                                                                                                     | Delivery Period/ Place                                           |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------|
| (8) Submission of the refined <b>Concept Note for Solution Forum/RBM Implementation Platform</b> , along with the supporting interviews documentation and consultations with key stakeholders.                                                                    | October 2026 / Online                                            |
| (9) Submission of the Institutionalisation and Operationalisation <b>Roadmap for Solution Forum/RBM Implementation Platform</b> , with stakeholder agreement on roles and resources and a brief consultation report.                                              | November 2026 / Online                                           |
| (10) <b>Three consultations (Madhya Pradesh, Maharashtra, and Gujarat)</b> are held, where the roadmap for implementation pathways to unlock financing and operationalisation of the <i>Solution Forum/RBM Implementation Platform</i> is presented and discussed | February or March 2027 / Maharashtra, Gujarat and Madhya Pradesh |
| (11) A <b>consultation in Delhi</b> was held to build national consensus on the <i>Solution Forum/RBM Implementation Platform</i> .                                                                                                                               | April 2027 / Delhi                                               |
| Milestones for Work Package 3                                                                                                                                                                                                                                     | Delivery Period/ Place                                           |
| (12) Facilitation of <b>4 Business Forums Events</b>                                                                                                                                                                                                              | February 2027 – May 2027 / Uttar Pradesh, Uttarakhand, Assam     |
| (13) Presentation of the Business Forum Outcomes: Consolidated Business Engagement and Investment Opportunities Report                                                                                                                                            | June 2027/ Online                                                |

**Period of assignment: from September 2026 until September 2027.**

### 3. Concept

In the tender, the tenderer is required to show *how* the objectives defined in Chapter 2 (Tasks to be performed) are to be achieved, if applicable under consideration of further method-related requirements (technical-methodological concept). In addition, the tenderer must describe the project management system for service provision.

Note: The numbers in parentheses correspond to the lines of the technical assessment grid.

#### Technical-methodological concept

**Strategy (1.1):** The tenderer is required to consider the tasks to be performed with reference to the objectives of the services put out to tender (see Chapter 1 Context) (1.1.1). Following this, the tenderer presents and justifies the explicit strategy with which it intends to provide the services for which it is responsible (see Chapter 2 Tasks to be performed) (1.1.2).

The tenderer is required to present the actors relevant for the services for which it is responsible and describe the **cooperation (1.2)** with them. This includes presentation and interaction between the



relevant actors (1.2.1) and Strategy for establishing cooperation and cooperating with relevant actors (1.2.2).

The tenderer is required to present and explain its approach to **steering** the measures with the project partners (1.3.1) and its contribution to the **results-based monitoring system** (1.3.2).

The tenderer is required to describe the key **processes** for the services for which it is responsible and create an **operational plan** or schedule (1.4.1) that describes how the services according to Chapter 2 (Tasks to be performed by the contractor) are to be provided. In particular, the tenderer is required to describe the necessary work steps and, if applicable, take account of the milestones and **contributions** of other actors (partner contributions) in accordance with Chapter 2 (Tasks to be performed) (1.4.2).

The tenderer is required to describe its contribution to knowledge management for the partner (1.5.1) and GIZ and to promote scaling-up effects (1.5.2) under **learning and innovation**.

### **Project management of the contractor (1.6)**

The tenderer is required to explain its approach for coordination with the GIZ project. In particular, the project management requirements specified in Chapter 2 (Tasks to be performed by the contractor) must be explained in detail.

- The contractor shall designate the Team leader responsible for overall implementation of the contract services.
- The contractor is responsible for selecting, preparing, training and steering the experts (international and national, short and long term) assigned to perform the advisory tasks as specified in Chapter 2.
- The contractor makes available equipment and supplies (consumables) and assumes the associated operating and administrative costs.
- The contractor manages costs and expenditures, accounting processes and invoicing in line with the requirements of GIZ.
- The contractor reports regularly to GIZ in accordance with the AVB of the Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH from 2020.
- In addition to this (AVB), the contractor carries out regular follow up meetings and submits the decisions taken in these meeting to the GIZ project team responsible for institutional development.

The bidder is required to draw up a **personnel assignment plan** with explanatory notes that lists all the experts proposed in the bid; the plan includes information on assignment dates (duration and expert days) and locations of the individual members of the team complete with the allocation of work steps as set out in the schedule (1.6.2).

The bidder is required to describe its backstopping concept (1.6.3). The following services are part of the standard backstopping package, which (like ancillary personnel costs) must be factored into the fee schedules of the staff listed in the bid in accordance with section 3.3.1 of the AVB:

- Service-delivery control
- Managing adaptations to changing conditions
- Ensuring the flow of information between GIZ and field staff
- Process-oriented technical-conceptual steering of the consultancy inputs
- Securing the administrative conclusion of the project
- Ensuring compliance with reporting requirements

- Providing specialist support for the on-site team by staff at company headquarters
- Sharing the lessons learned by the contractor and leveraging the value of lessons learned on site

## **Contractor Eligibility Criteria**

The contractor should have the following technical and financial requirements for conducting the assignment:

### **I. Commercial Eligibility Assessment**

- The bidder must be legally registered in India.
- In case of bidding consortia – Declaration by consortium (Lead partner shall provide memorandum / contractual relationship between the partners)
- Average annual turnover for the last three financial years should be at least 200,000 Euros.
- Average number of employees as on 31 December of the previous year should be 5.

### **II. Technical Eligibility Assessment**

The technical eligibility assessment shall be based solely on the bidder's submitted reference projects.

#### **A. Minimum Eligibility Requirements**

The bidder shall demonstrate the following minimum experience:

##### **1. Reference Projects**

At least three (3) completed reference projects, each with a minimum contract value of EUR 50,000.

##### **2. Relevant Technical Experience**

- The reference projects shall demonstrate experience in the preparation of Detailed Project Reports (DPRs), Feasibility Studies (FSs), Technical and Financial Proposals, or other investment planning assignments for Water Resources Management projects.
- The assignments in reference projects should include at least two of the following:
  - preparation of Detailed Project Reports (DPRs);
  - technical and financial feasibility studies;
  - investment planning and financing strategies;
  - business or investment facilitation in the water sector; and/or
  - high-level consultations with government institutions and financing agencies for project implementation.

##### **3. Regional Experience**

- At least two (2) of the above reference projects shall have been implemented in Southern Asia during the last three (3) years.

#### **B. Required Experience Demonstrated Across the Reference Projects**

Collectively, the submitted reference projects shall demonstrate experience in the following areas:

- Preparation of Detailed Project Reports (DPRs) and/or Feasibility Studies for Water Resources Management projects.
- River Basin Management (RBM) and/or Integrated Water Resources Management (IWRM) planning.

- Business development, investment facilitation, or organisation of water-sector investment forums.
- Working experience in Southern Asia.
- Implementation of Development Projects (ODA-financed projects).

**Note:** The commercial eligibility requirements specified in Section I and the technical eligibility requirements specified in Section II shall be fulfilled by the Lead Partner of the consortium. Experience and eligibility of consortium partner shall not be considered for meeting these minimum eligibility requirements.

### **Data Security**

The performance of the contract may be associated with the processing of personal data by the contractor, such as (but not limited to) names and contact information. In such cases, the contractor shall act as an independent DATA CONTROLLER and must alone comply with ALL applicable data protection obligations, including those stemming from regional and local laws. The contractor shall process personal data only when a given goal cannot be reasonably attained without such data. The data protection principles such as lawfulness, data minimization, accuracy, purpose limitation, storage limitation, transparency, integrity and confidentiality, and accountability, as well as the numerous rights of the data subject must be paid due attention. GIZ is NOT in any way responsible for such processing.

Whenever the contractor executes the instructions of a partner to GIZ with regard to such processing, the partner shall be the data controller, and the data processing shall be carried out in accordance with the partner's instructions as well as laws and standards to which it is subject.

If the contractor is not subject to the GDPR and the applicable laws do not contain any explanation on the data protection principles and rights mentioned here, the definitions and meanings provided by the GDPR (Regulation (EU) 2016/679) should be considered.

## **4. Personnel concept**

The tenderer is required to provide personnel who are suited to filling the positions described, on the basis of their CVs (see Chapter 7), the range of tasks involved and the required qualifications.

The below specified qualifications represent the requirements to reach the maximum number of points in the technical assessment.

### **Key Expert 1: Team Leader and Integrated River Basin Management (RBM) Specialist**

#### Tasks of the Key Expert 1

Overall Management and Technical Leadership:

- Lead and coordinate the overall implementation of the consultancy assignment
- Provide technical leadership to the multidisciplinary team and ensure integration of technical and financial analyses
- Coordinating and ensuring communication with GIZ, Tapi State-level River Basin Committees and relevant stakeholders involved for the consultancy assignment

- Facilitate stakeholder consultations and technical meetings
- Establish the overall methodology, work plan, quality assurance framework, and delivery schedule for the assignment

#### DPR Development:

- Guide and supervise feasibility assessments, technical design considerations, implementation arrangements, and cost estimates for selected PoM
- Lead review and quality assurance of all technical reports (DPRs, inception report, baseline report etc.) and final deliverables.

#### Solution Forum/RBM Implementation Platform and Business Events:

- Support establishment and operationalization of Solution Forum/RBM Implementation Platform.
- Facilitate coordination between technical experts, implementing agencies, private sector stakeholders, and financing institutions.
- Provide technical leadership for business events, investor/technology engagement workshops, and dissemination activities.
- Identify opportunities for collaboration between Indian agencies and private sector entities

#### Qualifications of the Key Expert 1

|                                                                                 |                                                                                                                                                                                                                                                                                            |
|---------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Education/training (section 2.1.1 of the assessment grid):                      | Master's degree (or equivalent) in Water resources engineering/ planning or Environment engineering/ planning or Civil engineering or related discipline                                                                                                                                   |
| Language (section 2.1.2 of the assessment grid):                                | Working proficiency in English and Hindi is required                                                                                                                                                                                                                                       |
| General professional experience (section 2.1.3 of the assessment grid):         | 9 years of professional experience in integrated water resources management (IWRM), including experience in financial planning/ investment assessment of water sector projects                                                                                                             |
| Specific professional experience (section 2.1.4 of the assessment grid):        | 7 years of professional experience in integrated water resource management/ river basin management projects; preparation/review of Detailed Project Reports, feasibility studies, investment plans or implementation plans for water resources projects including stakeholder consultation |
| Leadership/management experience (section 2.1.5 of the assessment grid):        | 3 years of experience managing multidisciplinary team and coordinating assignments involving government institutions and stakeholders                                                                                                                                                      |
| Regional experience (section 2.1.6 of the assessment grid):                     | Not applicable                                                                                                                                                                                                                                                                             |
| Development cooperation (DC) experience (section 2.1.7 of the assessment grid): | 2 years of experience working on DC projects                                                                                                                                                                                                                                               |
| Other (section 2.1.8 of the assessment grid):                                   | Not applicable                                                                                                                                                                                                                                                                             |

## Key Expert 2: Water Infrastructure Finance & Investment Specialist

### Tasks of the Key Expert 2

- Develop financial models and feasibility assessments for water, climate resilience, irrigation, flood management, and related infrastructure projects.
- Prepare business cases, investment plans, and bankable project proposals.
- Conduct economic and financial analyses, including cost-benefit and financial sustainability assessments.
- Assess project bankability and identify measures to improve investment readiness.
- Structure financing solutions through public funding, development finance, climate finance, PPPs, and blended finance mechanisms.
- Develop financing strategies and investment roadmaps to mobilize funding and support project implementation.
- Engage with public agencies, financial institutions, development partners, and private investors to facilitate project financing and investment.
- Support to the reconceptualization of *Solution Forum/RBM Implementation Platform* and its establishment.

### Qualifications of the Key Expert 2

|                                                                                 |                                                                                                                                                                                                                                                                                                                                                     |
|---------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Education/training (section 2.2.1 of the assessment grid):                      | Master's degree (or equivalent) in Finance/ Economics/ Business Administration/ Infrastructure Finance or a related discipline.                                                                                                                                                                                                                     |
| Language (section 2.2.2 of the assessment grid):                                | Working proficiency in English and Hindi is required                                                                                                                                                                                                                                                                                                |
| General professional experience (section 2.2.3 of the assessment grid):         | 9 years of experience in project finance, investment planning, infrastructure development, financial analysis or investment mobilization for public or private sector projects.                                                                                                                                                                     |
| Specific professional experience (section 2.2.4 of the assessment grid):        | 7 years of experience in developing and structuring bankable infrastructure projects (water, urban, climate resilience, environmental, or related infrastructure sectors), including financial modelling, feasibility assessments, cost-benefit analysis preparation of business cases and investment plans, and assessment of project bankability. |
| Leadership/management experience (section 2.2.5 of the assessment grid):        | Not applicable                                                                                                                                                                                                                                                                                                                                      |
| Regional experience (section 2.2.6 of the assessment grid):                     | Not applicable                                                                                                                                                                                                                                                                                                                                      |
| Development cooperation (DC) experience (section 2.2.7 of the assessment grid): | Not applicable                                                                                                                                                                                                                                                                                                                                      |
| Other (section 2.1.8 of the assessment grid):                                   | Not applicable                                                                                                                                                                                                                                                                                                                                      |

### Key Expert 3: Business, Investment and Partnership Specialist

#### Tasks of the Key Expert 3

- Identify and facilitate strategic partnerships, business opportunities, and commercial collaborations between Indian and international water sector stakeholders.
- Engage and build relationships with government agencies, utilities, industry associations, private companies, development banks, and financial institutions.
- Curate, organize, and facilitate stakeholder consultations, business forums, matchmaking events, and investment dialogues.
- Support investment promotion activities by connecting project developers, technology providers, investors, and financing partners.
- Prepare stakeholder engagement strategies, partnership roadmaps, event outputs, and actionable recommendations to advance collaborations and investments.
- Support to the establishment and dialogue of the *Solution Forum/RBM Implementation Platform*.

#### Qualifications of the Key Expert 2

|                                                                                 |                                                                                                                                                                                                                                                                                                |
|---------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Education/training (section 2.3.1 of the assessment grid):                      | Master's degree (or equivalent) in Business Administration/ International Business/ Economics/ International Development or a related discipline                                                                                                                                               |
| Language (section 2.3.2 of the assessment grid):                                | Working proficiency in English and Hindi is required                                                                                                                                                                                                                                           |
| General professional experience (section 2.3.3 of the assessment grid):         | 6 years of experience business development, stakeholder engagement, partnership management, investment promotion, or international cooperation programmes involving public and private sector stakeholders.                                                                                    |
| Specific professional experience (section 2.3.4 of the assessment grid):        | 4 years of experience in facilitating strategic partnerships, organizing business and investment engagement events, building collaborations between companies, government institutions, industry associations, investors, and financial institutions, in the water and infrastructure sectors. |
| Leadership/management experience (section 2.3.5 of the assessment grid):        | Not applicable                                                                                                                                                                                                                                                                                 |
| Regional experience (section 2.3.6 of the assessment grid):                     | Not applicable                                                                                                                                                                                                                                                                                 |
| Development cooperation (DC) experience (section 2.3.7 of the assessment grid): | Not applicable                                                                                                                                                                                                                                                                                 |
| Other (section 2.3.8 of the assessment grid):                                   | Not applicable                                                                                                                                                                                                                                                                                 |

### **Short-term Expert Pool 1: Thematic Experts for DPR Preparation** (section 2.6 of the assessment grid)

For the technical assessment, an average of the qualifications of all specified members of the expert pool is calculated. Please send a CV for each pool member (see below Chapter 7 Requirements on the format of the bid) for the assessment.

**Total 4 experts** with different profiles to undertake the tasks and deliverables defined in **Work Package 1** of Terms of Reference. All short-term experts shall be working in close coordination with Team Leader and with relevant key experts involved in the implementation of activities in their respective domain.

As per recommendations of State-level committees, three Program of Measures (PoM) will be selected, one from each Basin State for preparation of DPRs. The three selected PoMs will be addressing one or more of the five Key water management issues (KWMI) defined in Tapi RBM Plan. **Pool of thematic experts with relevant skills, expertise, and competencies is required to develop three DPRs for selected PoMs. Based on defined KWMI and project management requirements, the Expert Pool shall include specialists covering the following indicative profiles:**

#### Wastewater and Sanitation Specialist with the following tasks:

- Plan and undertake activities under Work Package 1, including prioritization of the Programme of Measures (PoM) in coordination with the state-level committee and preparation of Detailed Project Reports (DPRs) for prioritized measures related to **KWMI 1 and KWMI 2** pertaining to wastewater and sanitation measures, water quality and pollution monitoring, reuse opportunities or associated fields.
- Provide technical support and expertise for activities outlined in the Terms of Reference (ToR), particularly in the areas of surface water pollution, reuse of wastewater, and related technical domains.

#### Irrigation and Drainage Specialist with the following tasks:

- Plan and undertake activities under Work Package 1, including prioritization of the Programme of Measures (PoM) in coordination with the state-level committee and preparation of Detailed Project Reports (DPRs) for prioritized measures related to **KWMI 3** addressing surface water management, irrigation efficiency, drainage improvement, hydrological restoration, or water quantity management.
- Provide technical support and expertise for preparation of DPR particularly in the areas of Integrated Command Area Development, Irrigation & Drainage, and related technical domains.

#### Groundwater Specialist with the following tasks:

- Plan and undertake activities under Work Package 1, including prioritization of the Programme of Measures (PoM) in coordination with the state-level committee and preparation of Detailed Project Reports (DPRs) for prioritized measures related to **KWMI 4** pertaining to groundwater quality and quantity, hydrogeological assessment and monitoring, interaction of groundwater with surface water, or associated fields.



- Provide technical support and expertise for DPR preparation for implementation of groundwater quantity and quality measures by undertaking hydrogeological investigations and analyses, and related technical domains.

River Morphology Specialist with the following tasks:

- Plan and undertake activities under Work Package 1, including prioritization of the Programme of Measures (PoM) in coordination with the state-level committee and preparation of Detailed Project Reports (DPRs) for prioritized measures related to **KWMI 5** addressing river morphology alterations, bank erosion, river restoration and riverbed erosion issues.
- Provide technical support and expertise for DPR preparation for implementation of activities particularly in the areas of river morphology, riverbed and bank erosion issues and related technical domains.

Qualification of all experts under Short-term Expert Pool 1:

|                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|---------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Education/training (section 2.6.1 of the assessment grid):                      | Post-graduation degree/ Masters in Irrigation & Drainage/ Environmental Engineering/Civil Engineering/Wastewater/ Agriculture Engineering/Geology/ GIS & Remote Sensing/Geo-hydrology or related discipline                                                                                                                                                                                                                                                |
| Language (section 2.6.2 of the assessment grid):                                | Working proficiency in English and Hindi is required                                                                                                                                                                                                                                                                                                                                                                                                       |
| General professional experience (section 2.6.3 of the assessment grid):         | Each expert with 8 years of professional experience in the Integrated Water Resource Management/ Irrigation Management/ Wastewater and Sanitation Planning/ Groundwater Management/ River morphology                                                                                                                                                                                                                                                       |
| Specific professional experience (section 2.6.4 of the assessment grid):        | Experts selected in the pool should have 5 years of professional experience in developing the DPRs in the areas pertaining to irrigation projects/command area development/municipal/industrial wastewater management/ groundwater & aquifer recharge/ ecosystem restoration through nature-based solutions. (Selection of Expert Pool should be flexible enough to accommodate the three PoMs that will be identified during consultations with the SLCs) |
| Regional experience (section 2.6.5 of the assessment grid):                     | Not applicable                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Development cooperation (DC) experience (section 2.6.6 of the assessment grid): | Not applicable                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Other (section 2.6.7 of the assessment grid):                                   | Not applicable                                                                                                                                                                                                                                                                                                                                                                                                                                             |

## Short-term Expert Pool 2: Surveyors for DPR Preparation (section 2.7 of the assessment grid)

For the technical assessment, an average of the qualifications of all specified members of the expert pool is calculated. Please send a CV for each pool member (see below Chapter 7 Requirements on the format of the bid) for the assessment.

**Total 4** national short-term experts with survey and data collection profiles shall be mobilized to support field investigations, surveys, data collection, and technical inputs required for preparation of three DPRs under **Work Package 1** of Terms of Reference. All short-term experts shall be working in close coordination with Team Leader and Specialists from *Short-term Expert Pool 1*.

**NOTE: The Short-term Expert Pool 2 shall comprise locally based surveyors from Tapi River Basin states (Maharashtra, Madhya Pradesh, and Gujarat),** as required by selected DPR locations, to facilitate timely field surveys and coordination with local stakeholders.

### Tasks of the Short-term Expert Pool 2:

- Support activities under Work Package 1, including planning and undertaking field surveys required for DPR preparation of prioritized PoM.
- Conduct site-specific surveys to collect accurate coordinates, elevations, boundaries, and field measurements. Operate and maintain surveying equipment, including DGPS, total stations, levels, and other relevant instruments.
- Collect field data related to land levels, canal alignments, pipelines, drainage systems, water distribution structures, aquifer characteristics, infiltration zones, and other DPR-specific requirements. Undertake groundwater-related field surveys, where applicable.
- Establish survey control points, benchmarks, and reference stations; maintain accurate field records, observations, and survey documentation.
- Ensure accuracy, quality control, and proper management of survey outputs and datasets.

### Qualification of all experts under Short-term Expert Pool 2:

|                                                                          |                                                                                                                                  |
|--------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| Education/training (section 2.7.1 of the assessment grid):               | Diploma (or equivalent degree) in Total Station Operation/ GIS & Remote Sensing or related discipline                            |
| Language (section 2.7.2 of the assessment grid):                         | Not applicable                                                                                                                   |
| General professional experience (section 2.7.3 of the assessment grid):  | Expert with 2.5 years of professional experience in use of DGPS/ Total Stations and other appropriate surveying tools/ GW survey |
| Specific professional experience (section 2.7.4 of the assessment grid): | Not applicable                                                                                                                   |

|                                                                                 |                |
|---------------------------------------------------------------------------------|----------------|
| Regional experience (section 2.7.5 of the assessment grid):                     | Not applicable |
| Development cooperation (DC) experience (section 2.7.6 of the assessment grid): | Not applicable |
| Other (section 2.7.7 of the assessment grid):                                   | Not applicable |

## 5. Costing requirements

### Assignment of personnel and travel expenses

Per diem allowances are reimbursed as a lump sum up to the maximum amounts permissible under tax law for each country as set out in the country table in the circular from the German Federal Ministry of Finance on travel expense remuneration (downloadable from the [German Federal Ministry of Finance – tax treatment of travel expenses and allowances for international business travel as of 1 January 2024/2025 \(GERMAN ONLY\)](#)).

Accommodation allowances are reimbursed as detailed in the specification of inputs below.

With special justification, additional Accommodation costs up to a reasonable amount can be reimbursed against evidence.

All business travel must be agreed in advance by the officer responsible for the project

### Sustainability aspects for travel

GIZ has undertaken an obligation to reduce greenhouse gas emissions (CO<sub>2</sub> emissions) caused by travel. When preparing your tender, please incorporate options for reducing emissions, such as selecting the lowest-emission booking class (economy) and using means of transport, airlines and flight routes with higher CO<sub>2</sub> efficiency. For short distances, travel by train (second class) or e-mobility should be the preferred option.

CO<sub>2</sub> emissions caused by air travel must be offset. GIZ specifies a budget for this, through which the carbon offsets can be settled against evidence.

There are many different providers in the market for emissions certificates, and they have different climate impact ambitions. GIZ recommends using the standards specified there.

Specification of inputs:

**NOTE: The budget for this consultancy assignment is below EU threshold. Financial Proposals exceeding EU threshold will not be considered for evaluation.**

| Fee days                                                                                                                                 | Number of experts | Number of days per expert | Total | Comments                                                                                                                                                                                                                                                                                                                                  |
|------------------------------------------------------------------------------------------------------------------------------------------|-------------------|---------------------------|-------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Key Expert 1: Team Leader and Water Resource & Finance Expert                                                                            | 1                 | 140                       | 140   | Maximum of 140 days including both home and field days                                                                                                                                                                                                                                                                                    |
| Key Expert 2: Water Infrastructure Finance & Investment Specialist                                                                       | 1                 | 125                       | 125   | Maximum of 125 days including both home and field days                                                                                                                                                                                                                                                                                    |
| Key Expert 3: Business, Investment and Partnership Specialist                                                                            | 1                 | 75                        | 75    | Maximum of 75 days including both home and field days                                                                                                                                                                                                                                                                                     |
| Short-term Expert Pool 1: Thematic Experts for DPR Preparation                                                                           | 4                 |                           | 450   | Maximum of 450 days including both home and field days                                                                                                                                                                                                                                                                                    |
| Short-term Expert Pool 2: Surveyors for DPR Preparation                                                                                  | 4                 |                           | 150   | Maximum of 150 days including both home and field days                                                                                                                                                                                                                                                                                    |
| Travel expenses                                                                                                                          | Quantity          | Price                     | Total | Comments                                                                                                                                                                                                                                                                                                                                  |
| Per-diem allowance in country of assignment                                                                                              | 230               |                           |       | Maximum of 230 Per-diem allowances during the Field days for all Experts except Short-term Expert Pool 2. Field Visits will be in the states of Maharashtra/ Gujarat/ Madhya Pradesh/ Delhi/ Uttar Pradesh/ Uttarakhand/ Assam/ any other Indian State<br><br>This will be paid in as per GIZ rules.                                      |
| Overnight accommodation allowance in country of assignment                                                                               | 148               |                           |       | Maximum of 148 Overnight accommodation allowances during the Field days for all Experts except Short-term Expert Pool 2. Field Visits will be in the states of Maharashtra/ Gujarat/ Madhya Pradesh/ Delhi/ Uttar Pradesh/ Uttarakhand/ Assam/ any other Indian State<br><br>This will be paid on submission of evidence as per GIZ rules |
| Overnight accommodation allowance for Short-term Expert Pool 2: Surveyors<br><br>• Includes accommodation and per-diem during field days | 100               |                           |       | Maximum of 100 Overnight accommodation allowance within the country of assignment only for Short-term Expert Pool 2: Surveyors.<br><br>This will be paid in as per GIZ rules.                                                                                                                                                             |

| Transport                                                                                  | Quantity   | Price              | Total    | Comments                                                                                                                                                                                                                                                                                                                                 |
|--------------------------------------------------------------------------------------------|------------|--------------------|----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Domestic flights (including Return)</b>                                                 | <b>55</b>  |                    |          | Maximum of 55 Domestic Flights within country of assignment for the field visits (for all Experts except Short-term Expert Pool 2). The Flight sector will be Maharashtra/ Gujarat/ Madhya Pradesh/ Delhi/ Uttar Pradesh/ Uttarakhand/ Assam/ any other Indian State<br><br>This will be paid on submission of evidence as per GIZ rules |
| <b>CO<sub>2</sub> compensation for air travel</b>                                          | <b>110</b> | EUR 14 per one way | EUR 1870 | A fixed budget of <b>EUR 1540</b> is earmarked for settling carbon offsets against evidence.                                                                                                                                                                                                                                             |
| <b>Travel expenses (Airport Transfers)</b><br>• Transfer to/from airport                   | <b>220</b> |                    |          | Maximum of 220 Transfer to/from airport etc. within the country of assignment (for all Experts except Short-term Expert Pool 2).<br><br>This will be paid as per GIZ rules.                                                                                                                                                              |
| <b>Local Travel expenses (Road/ Train)</b><br>• Local travel (Road/ Train) to Project Site | <b>150</b> |                    |          | Maximum of 150 Road travel/ Train travel to Project Site within the country of assignment for all Experts<br><br>This will be paid as per GIZ rules                                                                                                                                                                                      |
| Other costs                                                                                | Number     | Price              | Total    | Comments                                                                                                                                                                                                                                                                                                                                 |
| <b>Flexible remuneration</b>                                                               |            |                    |          | A budget of <b>6,880 EUR</b> is foreseen for flexible remuneration. Please incorporate this budget into the price schedule.<br><br>Use of the flexible remuneration item requires prior written approval from GIZ.                                                                                                                       |

## 6. Inputs of GIZ or other actors

GIZ and/or other actors are expected to make the following available:

- Access to all relevant existing documents in the form of report, documents, notifications.
- Facilitate meetings / field visits with partners / stakeholder departments
- Provide access to MS Teams workspace for sharing documents and virtual exchange
- Logistics including all cost for workshops venue - consultations / inception meeting / dissemination / sharing

## 7. Requirements on the format of the tender

The Contractor may be a single firm or a consortium of maximum of two firms.

The structure of the tender must correspond to the structure of the ToR. In particular, the detailed structure of the concept (Chapter 3) should be organized in accordance with the positively weighted criteria in the assessment grid (not with zero). The tender must be legible (font size 11 or larger) and clearly formulated. It must be drawn up in English (language).

The complete tender must not exceed **12 pages** (excluding CVs). If one of the maximum page lengths is exceeded, the content appearing after the cut-off point will not be included in the assessment. External content (e.g. links to websites) will also not be considered.

The CVs of the personnel proposed in accordance with Chapter 4 of the ToRs must be submitted using the format specified in the terms and conditions for application. The CVs shall not exceed 4 pages each. They must clearly show the position and job the proposed person held in the reference project and for how long. The CVs can also be submitted in English (language).

Please calculate your financial tender based exactly on the parameters specified in Chapter 5 Quantitative requirements. The contractor is not contractually entitled to use up the days, trips, workshops or budgets in full. The number of days, trips and workshops and the budgets will be contractually agreed as maximum limits. The specifications for pricing are defined in the price schedule.

The shortlisted firms may be invited to make a presentation on their techno-methodological concepts as a part of evaluation.