

**Government of India
Ministry of Jal Shakti**

Department of Water Resources, River Development & Ganga Rejuvenation

National Mission for Clean Ganga

Vacancy Circular

Applications are invited from willing and eligible individuals for engagement of **06 (six)- Consultants (Grade 1)** for NMCG and SMCG on contract basis on fixed remuneration for a period of three years, initially, from the date of engagement which may be extended or curtailed as per the functional need. Full details of vacancy circular are available on the website at <https://nmcg.nic.in/>

S.No	Post	No. of Position	Location
1.	Geospatial Consultant (Grade 1)	01	New Delhi
2.	Information Technology Consultant (Grade 1)	01	New Delhi
3.	River Basin Planning and Management (RBM) Consultant (Grade 1)	01	New Delhi
4.	Water Resource Specialist Consultant (Grade -1)	01	New Delhi
5.	River Basin Planning and Management (RBM) Consultant (Grade 1)	02	One in Dehradun, Uttarakhand and one in Lucknow, Uttar Pradesh

Last date for receipt of application is 30 days from the date of publication of this circular in the Employment News.

IC-11011/1/2024-TECH4 NMCG
Government of India
Ministry of Jal Shakti
Department of Water Resources, River Development and Ganga Rejuvenation
National Mission for Clean Ganga

**1st Floor, Major Dhyanchand National Stadium,
India Gate, New Delhi- 110001**

Dated: 08-01-2025

Notice regarding engagements of Consultants in the National Mission for Clean Ganga (NMCG) and State Mission for Clean Ganga (SMCG)

Applications are invited from willing and eligible individuals for engagement on contract basis on fixed remuneration for a period of three years, initially, from the date of engagement which may be extended or curtailed as per the functional need.

Engagements of Consultants in the National Mission for Clean Ganga (NMCG) and State Mission for Clean Ganga (SMCG) - NMCG proposes to engage 06 (Six) Consultants for NMCG and SMCG for achieving its objectives:

1. The Terms and Conditions, the eligibility criteria etc., for engaging the Consultants shall be as under:

1.1 Categories to be engaged: Consultants

S.No.	Job Title	No. of Position	Location
1.	Geospatial Consultant (Grade 1)	01	New Delhi
2.	Information Technology Consultant (Grade 1)	01	New Delhi
3.	River Basin Planning and Management (RBM) Consultant (Grade 1)	01	New Delhi
4.	Water Resource Specialist (Consultant Grade -1)	01	New Delhi
5.	River Basin Planning and Management (RBM) Consultant (Grade 1)	02	One in Dehradun, Uttarakhand and one in Lucknow, Uttar Pradesh

- 1.2 Target group:** The candidates as per the prescribed "eligibility" at **Annexure A.**

- 1.3 Objective:** To achieve the objectives of NMCG as per Authorities Order dated 7th October, 2016 in a time bound manner and to have the desired qualitative and quantitative output.
- 1.4 Eligibility:** Interested candidates, who are citizens of India and fulfill the eligibility criteria (education qualification, experience and age) as per Annexure 'A'.
- 1.5 Duration of the Engagement:** The initial term of appointment shall be for a period of three years from the date of engagement and subsequent extension(s) if any, shall be decided on case-to-case basis depending upon requirement and performance.

The appointment of Consultants would be on Full-time basis, and they would not be permitted to take up any other assignment during the period of Consultancy with the NMCG/SPMG.

- 1.6 Number of vacancies:** Consultants – 06 (Six)
- 1.7 Certificate of Professional Services:** Experience Certificates will be issued to the Consultants, on satisfactory completion of their tenure and on submission of their Performance Report/Paper and its evaluation in the concerned Division of NMCG/SPMG.
- 1.8 Declaration of Secrecy:** All professionals engaged will be required to furnish oath of secrecy in prescribed format at the time of reporting for the engagement.

During the period of assignment with NMCG/SPMG, the Consultants would be subject to the provisions of the Indian Official Secrets Act, 1923 and will not divulge any information gathered by him/her during the period of assignment to anyone who is not authorized to know/have the same.

The Consultants engaged by the NMCG/SPMG shall in no case represent or give opinion or advice to others in any manner which is averse to the interest of NMCG/SPMG.

- 1.9 Termination Notice:** NMCG/SPMG can cancel the appointment of a Consultants at any time, without providing any reason for it. However, in the normal course, one month's notice will be provided to the Consultants. The Consultants can also seek for termination of the Contract upon giving one month's notice to NMCG/SPMG.

1.10 Application and Selection:

1.10.1 Method of application – Submission of online application with CV (Annexure–A) as per the advertisement of the NMCG.

1.10.2 All the received applications will be short listed based on requisite eligibility criteria and will be called for personal interview on a specified date.

1.10.3 The selection shall be made on the basis of recommendations of Consultant Evaluation Committee (CEC) constituted for the purpose by the NMCG Secretariat.

1.10.4 The candidate will be required to produce original certificates in support of fulfilling the eligibility criteria, etc., as to educational qualification and experience during interview and at the time of joining.

1.11 Logistics and Support: The Consultants, attached to the NMCG/SMCG, would be provided working space and other basic infrastructure.

Note: No TA/DA will be provided for attending the interview/joining, irrespective of selection.

Interested candidates may apply by submitting their details through online mode only as per the applicability of the position within 30 days from the issue of advertisement in the Employment News.

Signed By

Vacancies

1. Geospatial Consultant (Grade 1) - 01 Position
2. Information Technology Consultant (Grade 1) - 01 Position
3. River Basin Planning and Management (RBM) Consultant (Grade 1) - 01 Positions
4. Water Resource Specialist (Grade -1) - 01 Positions
5. River Basin Planning and Management (RBM) Consultant (Grade 1) - 02 Positions

1. Geospatial Consultant (Grade 1) - 01 Position

Key Responsibilities and Tasks

Geospatial Consultant will work closely with the Ganga Knowledge Centre at NMCG towards applying technical approaches for integrated river basin planning and management approaches for the protection and rejuvenation of river Ganga in accordance with the NMCG Authority Orders (2016) i.e.

- GIS data preparation, collation/ integration, spatial analysis, mapping, interactive spatial knowledge products (including static, animated, and interactive maps, 3 D visualization, interactive PDFs, and associated documentation and training. Efficient with open source GIS, Professional Desktop GIS.
- Development of elaborate knowledge products of best practices and lessons learned, including guidelines, manuals and procedures, concept note, research paper, managing to organize training, conference. Efficiency in handling of government official work.
- Responsible for GIS Cell intranet and external websites; manage hosting and operational oversight; work with other team members to organize GKC portal, develop and manage web applications of PRAYAG.
- Any other relevant task as assigned by the DDG – NMCG time to time.

Required Academic Qualifications, Experience and Competencies:

- Post graduate Degree in Geoinformatics with 3-8 years' experience in relevant field. Demonstrated expertise in using a broad range of functionality in common GIS systems.
- At least 1 years' experience in any National Mapping, monitoring & management project including creation & handling experience of any national level decision support system.
- Identification & advance image Processing of relevant remote sensing datasets; viz; UAV, LiDAR, SAR, & RADAR. DEM data generation, processing, & conversion into derived products, Watershed analysis, web hosting product generation for

raster data set, related documentation and training; Manage real-time water quality monitoring hub/ control center; stimulate development of information products and displays using real-time information.

- Proficiency in AI, ML, BIG Data, Digital Twin, & IoT using remote Sensing & GIS Technology. Expert in Data analysis & data modelling. Database management for relevant environmental and other datasets; Interactive spreadsheet development; Data quality management.
- Strong working experience on use and interpretation of geo-spatial maps, monitoring, synthesis and analyzing the water resource data, including precipitation, streamflow, groundwater levels, water availability, and water quality.
- Strong communication skills and a good understanding of various standards, monitoring mechanisms and indicators used for water resources management through various governance mechanisms, mission/schemes of Government of India relevant to River Rejuvenation, Water and Sanitation etc.

Soft skills: Good communication skills in English, scientific/technical writing, team player, Hydrological Modelling, handling skills of Arc GIS Pro, Arc GIS Server, ERDAS Imagine, UAV technique, data base analysis, surveying technique, good computer skills (MS), web handling, programming skills of HTML, Python & MATLAB., self-driven, & interdisciplinary thinking.

Location: New Delhi

How to apply:

- Apply through website of National Mission for Clean Ganga, nmcg.nic.in; (Useful links – Apply Online Recruitment of professionals) with a copy of application through email to rbm.gkcrecruitment@gmail.com including:
 - Detailed and updated CV
 - A cover letter explaining why you are interested in this position
- Last date of Application: 10th March 2025 (1730 IST)
- In subject line, please clearly mention, 'Application for the post of **Geospatial Consultant**

Pay range: Rs 80,000 to Rs 1,45,000 per month

Age: Upto 45 years as on 01.01.2025

2. Information Technology Consultant (Grade 1) - 01 Position

Key Responsibilities and Tasks

Information Technology Consultant will work closely with the Ganga Knowledge Centre at NMCG towards applying technical approaches for integrated river basin planning and management approaches for the protection and rejuvenation of river Ganga in accordance with the NMCG Authority Orders (2016) i.e.

- Responsible for GIS Cell intranet and external websites; manage hosting and operational oversight; work with other team members to organize GKC portal, develop and manage web applications of PRAYAG.
- Working knowledge of programming languages like Python, HTML, Java, C#, JavaScript, etc.
- Proficiency in operating systems (Linux, Windows) and server management.
- Technical knowledge of networking protocols, firewalls, and cloud infrastructure (Meghraj, AWS, Azure, GCP).
- Proficiency in SQL, NoSQL, and database systems (MySQL, MongoDB).
- Expertise in network security, and compliance standards.
- Experience with AI/ML, IoT, blockchain, or big data technologies.
- GIS data preparation, collation/ integration, spatial analysis, mapping, interactive spatial knowledge products (including static, animated, and interactive maps, 3 D visualization, interactive PDFs, and associated documentation and training. Efficient with open source GIS, Professional Desktop GIS.
- Development of elaborate knowledge products of best practices and lessons learned, including guidelines, manuals and procedures, concept note, research paper, managing to organize training, conference. Efficiency in handling of government official work.
- Any other relevant task as assigned by the DDG – NMCG time to time.

Required Academic Qualifications, Experience and Competencies:

- Bachelor degree in IT/Computer Science with 3-8 years' experience in relevant field. Demonstrated expertise in using a broad range of functionality in common GIS systems.
- At least 1 years' experience in any National Mapping, monitoring & management project including creation & handling experience of any national level decision support system.
- Strong communication skills and a good understanding of various standards, monitoring mechanisms and indicators used for water resources management through various governance mechanisms, mission/schemes of Government of India relevant to River Rejuvenation, Water and Sanitation etc.

Soft skills: Good communication skills in English, scientific/technical writing, team player, Problem-solving and critical thinking, good computer skills (MS), web handling, programming skills of HTML, Python & MATLAB, Leadership and project management skills for higher-level roles, self-driven, & interdisciplinary thinking.

Location: New Delhi

How to apply:

- Apply through website of National Mission for Clean Ganga, nmcg.nic.in; (Useful links – Apply Online Recruitment of professionals) with a copy of application through email to rhm.gkcrecruitment@gmail.com including:
 - Detailed and updated CV
 - A cover letter explaining why you are interested in this position
- Last date of Application: 10th March 2025 (1730 IST)
- In subject line, please clearly mention, 'Application for the post of **Information Technology Consultant**

Pay range: Rs 80,000 to Rs 1,45,000 per month

Age: Upto 45 years as on 01.01.2025

3. River Basin Planning and Management (RBM) Consultant (Grade 1) – 01 Positions

Key Responsibilities and Tasks

The RBM Consultant will technically support the Deputy Director General (DDG-NMCG) working together with the members of RBM Unit at NMCG to steer integrated river basin planning and management for the protection and rejuvenation of river Ganga in accordance with the Authority Orders (2016) i.e.

- Together with RBM Unit members, coordinate with partner ministries/ departments towards Development, Implementation, Monitoring & reviewing of River Basin Management (RBM) Plans and District Ganga Plans.
- Lead and support methods towards ensuring synergies among basin-district and urban level river centric plans and projects or actions from these plans that are steered by NMCG.
- Support the conceptualization of organizational development needs in accordance with the Authority Orders (2016), and work towards the adoption of recommendations from various studies including upscaling and expansion of RBM Unit at National and State level.

- Responsible to coordinate with the State Missions for Clean Ganga (SMCGs in the state of Uttarakhand, Uttar Pradesh, Jharkhand, Bihar and West Bengal) and District Ganga Committees for applying integrated RBM in coherence.
- Responsible for periodically organizing exchanges with counterparts placed at the State Missions for Clean Ganga to discuss and update on aspects related to river-centric planning and implementation projects.
- Developing proposals for Thematic Expert Group formation on themes that require to be addressed through expert engagements and consultations from partner ministries/ departments for co-opting strategies, implement projects and regular continuous monitoring.
- Also coordinate with and support, whenever required, with the information & inputs to RBM Committees and DGP Steering Committee.
- Co-create challenge-based approaches to facilitate implementation of good practices with select international experts/ companies/ civil societies/ academia.
- Provide content and support for collection of relevant literature, knowledge management, communication, Public Relations (PR) and awareness generation related to RBM Planning: Responsible to develop content, present the and communicate effectively on the Integrated RBM approaches and concepts to a wide range of stakeholders at the highest levels with the necessary tact and diplomacy aiming at catering for the various and possibly contradictory institutional mandates and corresponding interests.
- Coordinate and engage with other national and international river basins/organizations for continuous learning and exchange.
- Support the members of RBM Unit in identifying capacity building needs of stakeholders on RBM and developing the strategies towards same
- Any other relevant task as assigned by the DDG – NMCG time to time.

Required Academic Qualifications, Experience and Competencies:

- Post graduate Degree in environmental science/ environmental engineering/ water resource engineering/ or other related subjects. Ph.D. degree is preferable.
- At least 3-8 years' experience in water, pollution sector in India out of which at least 2 years of relevant work experience in water resource management, river basin management, holistic river rejuvenation, environmental /water quality monitoring, wastewater management, implementation of nature-based solution (NbS), institutional strengthening/ organisational development etc.
- Specific experiences of working with multi-disciplinary team of experts and good understanding of Government of India's various mission/schemes relevant to River Rejuvenation, Water and Sanitation etc.
- Experience in handling projects that involves multi-stakeholder management and coordination.

- Proven ability in delivering complex initiatives with given timelines and budget.
- Understanding of international development cooperation will be an added advantage.

Soft skills: Good communication skills in English, scientific/technical writing, team player, good computer skills (MS), data management and analysis, self-driven, interdisciplinary thinking, socio-cultural skills

Location: New Delhi

How to apply:

- Apply through website of National Mission for Clean Ganga, nmcg.nic.in; (Useful links – Apply Online Recruitment of professionals) with a copy of application through email to rhm.gkcrecruitment@gmail.com including:
 - Detailed and updated CV
 - A cover letter explaining why you are interested in this position
- Last date of Application: 10th March 2025 (1730 IST)
- In subject line, please clearly mention, 'Application for the post of RBM Consultant - NMCG'

Pay range: Rs 80,000 to Rs 1,45,000 per month

Age: Upto 45 years

4. Water Resource Specialist Consultant (Grade 1) - 01 Positions

Key Responsibilities and Tasks

The Water Resource Specialist will work closely with the RBM Unit at NMCG and complementary unit/cell at SMCG level towards applying technical approaches for integrated river basin planning and management approaches for the protection and rejuvenation of river Ganga in accordance with the Authority Orders (2016) i.e.

- Together with RBM Unit, closely cooperate and coordinate with the NMCG and respective SMCG and District Ganga Committees for applying integrated RBM and providing technical inputs wherever needed.
- Identifying necessary interactions (what topics, who/responsibility, when/frequency, communication channels) between NMCG-SMCG-DCGs and other main partners and drafting action plans, and responsibilities
- Develop and steer the monitoring mechanism for NMCG to anchor Thematic Expert Groups (TEGs) that support the development and implementation of specialised recommendations for RBMPs and wherever required, support RBM

Expert in the revisiting/adapting the agreed table of contents of river centric plans to cater specific situations in respective sub-basin.

- Assess training requirements (e.g. RBM, DGP trainings) within NMCG, SMCGs and other stakeholders as basis for the intended training plan / schedule
- To develop induction training programmes for NMCG staff and multi-disciplinary experts (TEG members) on various aspects of RBM Cycle approaches including the development and implementation of identified measures and their monitoring.
- Support RBM Expert for developing and presenting complementary content for state and district bodies established to facilitate their respective river-centric management plans and contribute to the Ganga River Basin Management Plan (Gange 2.0);
- Provide professional technical advice to RBM Unit at NMCG and SMCGs relevant to the various identified themes/ issues and experts/stakeholder management during plan development and implementation of RBMPs / DGPs
- Responsible for ensuring periodic and regular technical exchanges on identified topics in-line to the capacity building needs for implementation of plan with the counterparts from State Mission for Clean Ganga (SMCG)s.
- Development of elaborate knowledge products of best practices and lessons learned, including guidelines, manuals and procedures
- Provide technical inputs, whenever required to DGP Steering Committee and RBM Committees
- Any other relevant task as assigned by the DDG – NMCG time to time.

Required Academic Qualifications, Experience and Competencies:

- Post graduate Degree in water resource management/ engineering/ hydrology/ environmental engineering, or other related subjects. Ph.D. degree is preferable.
- At least 3-8 years' experience in water sector in India out of which at least 2 years of relevant work experience in the water quality monitoring, water resource management (quality and quantity) sector, river basin management, wastewater management, etc.
- Strong working experience on use and interpretation of geo-spatial maps, monitoring, synthesis and analysing the water resource data, including precipitation, streamflow, groundwater levels, water availability, and water quality.
- Strong communication skills and a good understanding of various standards, monitoring mechanisms and indicators used for water resources management through various governance mechanisms, mission/schemes of Government of India relevant to River Rejuvenation, Water and Sanitation etc.
- Understanding of international development cooperation will be added advantage

Soft skills: Good communication skills in English, scientific/technical writing, team player, good computer skills (MS), self-driven, interdisciplinary thinking

Location: New Delhi

How to apply:

- Apply through website of National Mission for Clean Ganga, nmcg.nic.in; (Useful links – Apply Online Recruitment of professionals) with a copy of application through email to rhm.gkcrecruitment@gmail.com including:
 - Detailed and updated CV
 - A cover letter explaining why you are interested in this position
- Last date of Application: 10th March 2025 (1730 IST)
- In subject line, please clearly mention, 'Application for the post of RBM Consultant - NMCG'

Pay range: Rs 80,000 to Rs 1,45,000 per month

Age: Upto 45 years

5. River Basin Planning and Management (RBM) Consultant (Grade 1) - 02 Positions

Key Responsibilities and Tasks

The RBM Consultants will work closely with the RBM Unit at NMCG and SMCG-UK/SMCG-UP towards applying integrated river basin planning and management approaches for the protection and rejuvenation of river Ganga in accordance with the Authority Orders (2016) i.e.

- Together with RBM Unit members, coordinating with wide range of state level stakeholders/ partner ministries/ District Ganga Committees (DGCs) departments towards Development, Implementation and Monitoring & Evaluation of sub basins' River Basin Management (RBM) and District Ganga Plans
- Lead and support methods towards ensuring synergies among basin-district and urban level river centric plans and projects and actions from these plans that are steered by NMCG.
- Support the conceptualization of organizational development and work towards the adoption of recommendations from various studies including upscaling and expansion of RBM Unit at SMCG level.
- Responsible to coordinate with the NMCG and respective SMCG and District Ganga Committees for applying integrated RBM in coherence.

- Responsible for periodically organizing exchanges with counterparts placed at other State Missions for Clean Ganga and NMCG to discuss and update on aspects related to river-centric planning and implementation projects.
- Co-create challenge-based approaches to facilitate implementation of good practices with experts/ companies/ civil societies/ academia.
- Provide content and support for knowledge management, communication, Public Relations (PR) and awareness generation related to RBM Planning: -Responsible to develop content, present the and communicate effectively on the Integrated RBM approaches and concepts to a wide range of stakeholders at the highest levels with the necessary tact and diplomacy aiming at catering for the various and possibly contradictory institutional mandates and corresponding interests.
- Closely cooperate the NMCG and SMCGs for timely communication, continuous learning and exchange
- Also support, whenever required, with the information & inputs to DGP Steering Committee and RBM Committees
- Support the RBM Unit at NMCG in identifying capacity building needs of state stakeholders on RBM and support the development of the strategies for same
- Any other relevant task as assigned by the DDG - NMCG

Required Academic Qualifications, Experience and Competencies:

- Post graduate Degree in environmental science/ environmental engineering/ water resource engineering/ or other related subjects. Ph.D. degree is preferable.
- At least 3-8 years' experience in Indian water, pollution sector out of which at least 4 years of relevant work experience in water resource management, river basin management, holistic river rejuvenation, environmental/water quality monitoring, wastewater management, implementation of nature-based solution (NbS), institutional strengthening/ organisational development etc.
- Specific experiences of working with multi-disciplinary team of experts and good understanding of various mission/schemes of Government of India and state governments of Uttarakhand and Uttar Pradesh relevant to River Rejuvenation, Water, pollution and Sanitation etc.
- Understanding of international development cooperation will be added advantage

Soft skills: Good communication skills in English, scientific/technical writing, team player, good computer skills (MS), data management and analysis, self-driven, interdisciplinary thinking

Location: State Mission for Clean Ganga offices in Dehradun, Uttarakhand (SMCG-UK) and in Lucknow, Uttar Pradesh (SMCG-UP)

How to apply:

- Apply through website of National Mission for Clean Ganga, nmcg.nic.in; (Useful links – Apply Online Recruitment of professionals) with a copy of application through email to rbm.gkcrecruitment@gmail.com including:
 - Detailed and updated CV
 - A cover letter explaining why you are interested in this position
- Last date of Application: 10th March 2025 (1730 IST)
- In subject line, please clearly mention, 'Application for the post of RBM Expert-Dehradun **or** Lucknow'.

Pay range: Rs 80,000 to Rs 1,45,000 per month

Age: Upto 45 years

Note: Relaxation of marks and age may be granted to SC/ST/OBC/EWS/ Women/ physically challenged candidates. (as per GOI norms)
