

eFile No.IWAI-15017/12/2021-Hy
PROJECT MANAGEMENT UNIT
JAL MARG VIKAS PROJECT
INLAND WATERWAYS AUTHORITY OF INDIA
MINISTRY OF PORTS, SHIPPING AND WATERWAYS
GOVERNMENT OF INDIA
Head Office: A-13, Sector-1, Noida-201301

Inland Waterways Authority of India (IWAI), a Statutory Body under the Ministry of Ports, Shipping & Waterways, Government of India has set up a Project Management Unit (PMU) in the Head Office at Noida, Uttar Pradesh to assist in preparation, pre-appraisal activities and execution of the Arth Ganga Programme of Jal Marg Vikas Project (JMVP).

2. The IWAI is desirous of engaging a **Sr. Consultant (Hydrography)** in its Head Office at Noida, Uttar Pradesh, initially for a period of two years, at a monthly consolidated remuneration of Rs.1,25,000/-.

3. The Terms of Reference (ToR) for the above position are attached below. The selected candidate shall be engaged purely on contract basis. He/she will be required to work on full-time basis and will not be permitted to take up any other assignment during the engagement in the IWAI. Selection will be made based on academic qualifications, merit and experience in the related field and working knowledge, preferably on similar projects.

4. The consolidated remuneration includes all taxes payable and no reimbursement will be made.

5. The curriculum vitae containing information with reference to each item of ToR, along with credentials in relation to the prescribed qualifications and experiences should be addressed to the Project Director (JMVP), Inland Waterways Authority of India, A-13, Sector-1, Noida-201301 and must reach in a sealed envelope at the above-mentioned address by post or by hand **on or before 25th August 2023**.

6. IWAI, reserves the right to accept or reject any or all applications and to cancel the applications under process at its discretion and the decision in this regard shall be final and binding.

Project Director (JMVP), IWAI

Terms of Reference for the position of Senior Consultant (Hydrography) at IWA

Vacant position	Senior Consultant (Hydrography)
No. of position	01(one)
Qualification	Degree in Hydrography or Cat "B" Hydrographer / Associate Member of Institution of Surveyors in Sub division I(B). Desirable: Post Graduate in Hydrography / Geography.
Maximum age	55 years
Remuneration	Rs.1,25,000/- p.m.
Experience	<ul style="list-style-type: none"> • Minimum experience of 15 years in the field of Hydrographic Surveys, investigation and measurements. Bathymetric Surveys (as per SP 44 standards) and Topographic Surveys. • Experience in waterways / port / river mapping with proficiency in using the GIS Software working knowledge, Spatial data formats and related metadata issue. • Working knowledge of Multibeam Echosounder / Single beam Echosounder / DGPS / ADCP / Side Scan Sonar and post-processing of Multibeam data • Working knowledge of Hydrographic Survey Softwares • Working knowledge of AutoCAD, Global Mapper • Working knowledge of web mapping applications such as Caris HIPS / SIPS / Caris GIS / ArcGIS etc. <p>Preferable: - Drone and Lidar survey</p> <ul style="list-style-type: none"> • Experience in IWT sector
Role and Functions	<ul style="list-style-type: none"> i) Analysis of Hydrography Surveys data. ii) Processing and checking pre and post dredging data. iii) Quality assurance / Quality control of Hydrography Survey data and Charts iv) Quality assurance / Quality control of Multi-beam Echo sounder survey data. v) Checking of bank to bank detailed hydrographic & topography survey digital data, charts, detailed field reports and results of Hydrography Surveys data. vi) Analysis of Water level and Discharge data. vii) Sediment Analysis. viii) Digitalization of data pertaining to rivers/canals. ix) Creation of S-57 database and ENC. x) Preparation of various scheme and estimates related to hydrographic survey works. xi) Preparation of ToR, finalization of bid document and evaluation of bids. xii) Any other work assigned by the Senior Officers.
Period of Engagement	Initially for a period of two years