BIHAR GOVERNMENT

GOVERNMENT OF BIHAR
WATER RESOURCES DEPARTMENT

Office of Executive Engineer (Mech.)
Irrigation Mechanical Division, Birpur
2nd Floor, Kaushiki Bhawan, Birpur, 854340
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Emergent NIQ No.- 16/2026-27

Letter No.:- 2096 *Birpur* *Date:* 29-10-26

The undersigned hereby invites budgetary quotations from reputed original equipment manufacturers (OEMs), manufacturers, and their authorized suppliers of dredgers, tugboats, houseboats, barges and other associated marine equipment for the items specified in the table below, for the purpose of assessing the estimated cost of the proposed procurement.

-The quotationer shall submit the **Quotation before03.00 P.M of 09.11.2026**

- By post or in person: In a sealed envelope addressed to the Executive Engineer (M)Irrigation Mechanical Division, Birpur, Bihar

- By Email: - **imdbirpur@gmail.com**

Sl. no.	Name of Items	Quantity	Unit	Rate	Amount
1	Design and Drawing, Engineering, Fabrication, Supply, Testing and Commissioning of Multi-utility Amphibian Cutter Suction Dredgers (CSD) of proven design and standard model having satisfactory performance with one year builder warranty Dredging capacity- min. slurry discharge capacity of 1,150 m³/hourdischarge of the dredged spoil through dredge pipelines or nozzles. The dredger also to be supplied with other attachments for excavation, complete with 1,500 m (Floating pipeline – 500m) discharge pipeline with all advanced and latest accessories, auxiliary machinery and equipment, conforming to applicable IRS standards and relevant codes, suitable for deployment in the upstream and downstream of the **Koshi River** for desilting, flood management and other departmental works.	1	No.		
2	Design and drawing , Engineering, Fabrication, Supply, Testing and Commissioning of Suitable Tug Boats, complete with latest marine engines, propulsion systems, steering arrangements, towing winches, towing hooks, navigation and safety equipment, and all necessary accessories and auxiliary machinery, conforming to applicable IRS standards and relevant codes, for towing and shifting cutter suction dredgers, floating pipelines and associated equipment from one operational location to another in the upstream and downstream of the Koshi River for desilting, flood management and other departmental works, as per the required by the Department.	1	Nos		

3	Design and drawing, Engineering, Preparation of Drawings, Fabrication, Supply, Testing and Commissioning of a Houseboat with Accommodation Facilities for 16–18 Crew Members and Departmental Inspection Personnel, including sleeping berths, toilets, bathrooms, kitchen, dining area, inspection room, electrical and lighting arrangements, ventilation, water supply, sanitation, safety equipment and all necessary accessories and auxiliary machinery, conforming to applicable IRS standards and relevant codes, suitable for deployment in the upstream and downstream of the Koshi River, Bihar, as required by the Department.	1	Nos		
4	Operation and Maintenance (O&M) of Cutter Suction Dredgers, Tugboats and Houseboat/accommodation per years, including deployment of qualified operators, crew members, technical personnel, fuel, lubricants, consumables, maintenance, repairs, spare parts and all other manpower, materials and resources required for safe and efficient operation of the equipment, as per departmental requirements. The quotationer shall quote separate rates per year, inclusive of all applicable costs and taxes, for deployment in the upstream and downstream of the Koshi River, Bihar, as directed by the Department. (approx. 8 hrs./ day)	5	Year		
5	Design and drawing, Engineering,Fabrication, Supply, Testing and Commissioning of Self-Propelled twin screw engine Barge for the shallow water (low draft like Koshi river) with a Minimum Payload Capacity of 500 MT, fitted with efficient self-loading and unloading of materials and equipment, complete with propulsion, steering, navigation, safety systems, auxiliary machinery and all necessary accessories. The barge shall conform to applicable IRS rules, Inland Vessels regulations, BIS/IS codes and other relevant marine engineering standards and shall be suitable for deployment in in the upstream and downstream of the Koshi River, Bihar, for dredging operations, transportation of equipment and materials, and other departmental purposes.	1	No		
6	Operation and Maintenance (O&M) of Self-Propelled Barge per years, including deployment of qualified operators, crew members, technical personnel, fuel, lubricants, consumables, maintenance, repairs, spare parts and all other manpower, materials and resources required for safe and efficient operation of the equipment, as per departmental requirements. The quotationer shall quote separate rates per year, inclusive of all applicable costs and taxes, for deploymentin the upstream and downstream of the Koshi River, Bihar, as directed by the Department. (approx. 8 hrs./ day).	5	Year		

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GENERAL TERMS AND CONDITIONS

1. The rates quoted shall be **Inclusive of all applicable taxes, GST, duties, transportation, loading and unloading, labour charges, packing, forwarding, insurance, installation, testing, commissioning and all other incidental and miscellaneous expenses** necessary for complete execution and delivery of the work at the designated site.
2. This quotation is being invited solely for obtaining budgetary rates and estimating the cost of the proposed works. Submission of a quotation shall not confer any right or entitlement upon any quotationer to claim the award of work, placement of an order or execution of a contract. The Department shall not be under any obligation to accept any quotation or award any work on the basis of this exercise. Any future procurement shall be undertaken separately in accordance with applicable Government rules and procedures.
3. The quotationer shall submit a detailed item-wise and component-wise price breakup for the quoted Operation and Maintenance (O&M) charges, separately indicating manpower costs, fuel, lubricants, consumables, routine and breakdown maintenance, spare parts, repairs, insurance, statutory compliance, applicable taxes and GST, and all other associated expenses. The breakup shall clearly indicate the total annual cost and the consolidated cost for the entire contract period, wherever applicable.

   The **Quotationer shall submit detailed technical specifications, preliminary design drawings and General Arrangement (GA) drawings of each quoted item**, including the cutter suction dredger, tugboat, houseboat/ accommodation and self-propelled barge, along with the quotation. The drawings shall indicate the principal dimensions, layout, major machinery, equipment, capacity and other relevant technical details. For the self-propelled barge, the proposed crane arrangements shall also be shown. The submitted documents shall be sufficiently detailed to enable the Department to assess the technical suitability of the offered equipment for deployment in the upstream and downstream of the Koshi River, Bihar.
4. The **Quotationer shall submit a detailed item-wise, equipment-wise and component-wise price breakup for each proposed dredger, tugboat, houseboat and self-propelled barge.** The breakup shall separately indicate the description, specifications, quantity, unit rate and total cost of major machinery, equipment, accessories, components, spare parts and other items, along with applicable taxes and GST, transportation and other associated charges. The total price for each equipment item shall be indicated separately. The detailed price breakup shall be submitted on separate sheets in a suitable, clearly structured format prepared by the quotationer.
5. Quotation Will Open on 09.11.2026 at 03.30 p.m.

29/10/26

Executive Engineer (M)
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