

**Government of Maharashtra**  
**Water Resources Department**  
**Executive Engineer, Mechanical Division, Nagpur**  
**Budgetary Offer No 01/2023-24**

No. \_\_\_\_\_ /MDN/Budgetary Offer/2023-24 dt. 27 /04/2023

Sealed Budgetary Offers are invited from OEM for minimum possible rates for **Estimation Purpose** of Supply, Installation, Testing, Commissioning, Operation and Maintenance for One Calendar Year (Excluding Monsoon) of Hydraulic Aquatic Weed Harvester on site for Gosikhurd Project Tal. Paoni Dist. — Bhandara. (For **Technical Specifications visit** [www.mahayantriki.gov.in](http://www.mahayantriki.gov.in) )

Sr. No.	Description	Qty	Unit	Rate
1	Supply, Installation, Testing and Commissioning of Aquatic Weed Harvester as per specifications attached separately.	1	No	
2	Operation and Maintenance charges of Aquatic Weed Harvesting Machine including carrying out the work "Removal of Echhornia Crassipes in 8 hours shift per day " and stacking the material /weed on bank of the river/Dam.(Working period 8 months in one year excluding monsoon) as per terms and conditions of operation	1	Month	

**Terms & Conditions**

- 1) This Budgetary offer is called for Estimation Purpose only
- 2) While Submitted the Budgetary Offer it is mandatory to mention Name of Work for which the budgetary has been submitted and Name and address of this Office, The Budgetary offer should be submitted in Sealed Envelope or at email id [mechdivngp@rediffmail.com](mailto:mechdivngp@rediffmail.com).
- 3) The Sealed Budgetary offer should contain only the rate of work for which the Budgetary has been called
- 4) The rates in Budgetary offer should include Transportation, Erection, Testing and Commissioning Charges.
- 5) The sealed budgetary offer should reach the office on or before 25.5.2023 up to 5.00 p.m.
- 6) For Detailed information contact on email id- [mechdivngp@rediffmail.com](mailto:mechdivngp@rediffmail.com) or website- <http://mahayantriki.org>

Executive Engineer  
Mechanical Division  
Nagpur

# Technical Specifications Aquatic Weed Harvester

Sr. No.	Technical parameters	Recommended Technical Specifications of Aquatic Weed Harvesters
1	Make & Model	
2	Dimensions	
	Overall Dimensions (L X W X H) (in mtr.)	Min. 12 X 4 X 2.5 m
	Hull Dimensions (L X W X H) (in mtr.)	Min. 7 X 3 X 0.6 m
	Draft	0.3 m empty, 0.55 m loaded
3	Cutting Capacity	
	Cutting Width (in mtr.)	Min. 1.6 m
	Cutting Depth (in mtr.)	1 ~ 1.6 m
4	Storage Capacity	
	Weight (Kg.)	Min. 4500 Kg
	Volume (in m <sup>3</sup> )	Min. 10 m <sup>3</sup>
5	Discharge Height (in mtr)	Min. 1.5 m from water level
6	Discharge Distance (in mtr)	Min. 2 m from barge stern
7	Barge Material	Sand blasted navy sheet or SS CCSgrade carbon steel with corrosion resistant coating
8	Engine	BSIII/ BS IV Compatible
	Type	---
	Power Output (HP)	Min. 60 HP
9	Hydraulic Pump System	Gear Pump / Variable Displacement
10	Propulsion	Paddle Wheel Type
11	Operation Cabin	Provided with 360 <sup>0</sup> view stable canopy cover
12	Vessel Speed	3 ~ 4 Km / Hr
13	Harvesting Speed	1.5 ~ 2 Km / Hr
14	Lifting Hook for Loading/Un-loading	Lifting Hook for Loading & Un-loading during Transportation and Hauling in Water

Note : Only standard equipment will be accepted under any circumstances modified of optional attachment willnot be accepted.

Executive Engineer  
Mechanical Division  
Nagpur