

Government of Maharashtra

**Water Resources Department.**

**Superintending Engineer, Mechanical Circle, Kolhapur**

Budgetary offer for the following work (*Non DSR items*) are invited by the Executive Engineer, Mechanical Division, Satara-415003 Phone No. 02162-246029 on behalf of Governor of Maharashtra for estimation purpose from the eligible Pump Manufacturers/contractor.

The Government of Maharashtra, Water Resources Department, has undertaken the work of Design with quality assurance plan at all stages of manufacturing supply, erection, testing & commissioning at site of work of Vertical Turbine Pump motor set of 750HP (Tentatively) - 3 NOS, operating at 6.6.KV and allied equipments for Andhali Lift Irrigation scheme Tal-Khatav, dist-Satara. The details and short specifications of items on the basis of preliminary calculations are available on the website mentioned below.

It is requested to send the budgetary offer mentioning item wise rates with rate analysis for the same. The rates should without GST and duties. The offer should reach this office within 10 days with effect from **21.12.2020** to **30.12.2020** on email./ by post/by hand Further it is requested to forward relevant Technical literature, brochures of equipments and your comments if any.

Sr. No.	Name of work	Remarks
1	Design with quality assurance plan at all stages of manufacturing supply, erection, testing & commissioning at site of work of Vertical Turbine Pump motor set of (Tentatively) - 750 HP - 3 Nos. (Tentatively) operating at 6.6 KV for Andhali Lift Irrigation scheme Tal-Khatav, dist-Satara.  (Note - 1. Rates should be without GST & other levies must be mentioned separately)	Please refer Website for detailed Schedule

This information is required for the purpose of framing of working estimates and hence the urgency. This Budgetary offer is also available on website [www.mahayantri.org](http://www.mahayantri.org) Bidder is requested to act in given time frame.

No.MDS/PB-2/Ner LIS/ 3375/2020  
office of the Executive Engineer,  
Mechanical Division ,  
Krishnanagar, Satara PIN- 415003.  
Phone/fax No.02162/246029  
e-mail :- [eemdsatara@gmail.com](mailto:eemdsatara@gmail.com)  
Date- 18/12/2020

  
(A.R.Kalmegh)  
Executive Engineer,  
Mechanical Division, Satara.

**Copy** submitted to the Superintending Engineer, Mechanical Circle, Kolhapur for favour of information please. *Enclosure: Schedule*

**Copy** submitted to the Superintending Engineer, Satara Irrigation Project Circle, Satara for favour of information please. *Enclosure: Schedule*

**Copy** forwarded with complements to the Executive Engineer, Jihe Kathapur Lift Irrigation Division, Satara for information. *Enclosure: Schedule*

**Copy** forwarded to Deputy Engineer, Urmodi Lift Irrigation (M & E) sub Division, Rahimatpur HQ Satara. *Enclosure: Schedule*

Copy to M/s-

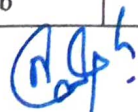
- 1) **Kirloskar Brothers Ltd.**, Project Division,  
"Yamuna", S.No.98/327, Baner, Pune – 411 019.
- 2) **Wilco, Mather and Platt Pumps Pvt.Ltd.**  
Ground floor of "Elpro Vision Exchange" , Elpro Compounds,  
CTS No.4210, Chinchwad Pune- 411033.
- 3) **Jyoti Ltd,**  
Industrial area , Vadodara, Gujrat-390003
- 4) **Flowmore Private Ltd,**  
09, Max. Mulund-Goregaon Link Road,  
Mulund (West), Mumbai - 400080
- 5) **WPIL Limited,**  
10 & 11, Bhagatani Enclave, Sonapur Lane, off.L.B.S.Marg,  
Bhandup, Mumbai- 400078
- 6) **Xylem Water Solutions Pvt.Ltd,**  
Ground & First Floor, Vishnu Shivam Mall, Thakur Village ,  
Kandivali (East), Mumbai – 400101.
- 7) **Grounfos Pump India PVT Ltd**  
S.No-81/1, Plot No-5, Ishakrupa Banglo, Arkid school lane, Baner, Pune-  
411045.  
Survey No. 566/7, Hiware Road, Sasawad – 412301. Dist. Pune.
- 8) **Deccan Pumps Industries**  
Coimbatore



## Budgetary offer

**Name of Work** - Job work of Design, manufacturing , supply ,erection, testing and commissioning of pumping machinery of 750 HP-3 Nos. each and allied equipments for **ANDHALI LIS** Dist Satara

Item No	Description	Qty	Unit	Rate /Unit
1	<b>Vertical Turbine Pump (750 HP )</b> Design with quality assurance plan at all stages of manufacturing supply,erection,testing to full capacity & commissioning at site of work of Self lubricated Vertical Turbine pumps 750 HP (Tentatively), non pull out type, complete with strainer, suction bell, column assembly, Discharge case/Discharge Tee motor stool, flexible coupling, sole plates, base frame foundation,non-reversible rotation ratchet arrangement etc.suitable for following duties specification and confirming to specifications as given below.	3	Nos	
	1) Duty point discharge 0.693 m3/sec			
	2) Duty point head 71.02 Mtr.			
	3) Head range : (53 to79) m			
	4) Pump HP 750			
	5) Max Syn.speed -1000 RPM			
	6) Column pipe Dia - 700 mm			
	7)Delivery pipe Dia - 600 mm			
	8)Column pipe thickness - 8 mm			
	9) No. of pumps working in parallel -3			
	10) pump efficiency - 90%			
2	<b>Induction Motors (H.T. Motors)</b> Providing, Erecting, testing & trial of Squirrel Cage Induction Motors Vertical Flange Mounted CACW ( Closed Air Circuit Water Cooled), Forced Water Cooled confirming to IS IS: 4691 / IEC: 60034-5 having continuos rating suitable for Operation at 6.6 KV +/- 10 % , 3 Phase, 50 Hz +/- 3%, with F class insulation, Temp Rise limited to Class B Insulaton. Motor shall be fitted with Suitable Space Heater & Six No of RTDs for Stator winding & Bearings installing at site of works and testing to full capacity, solid shaft suitable for Contineous 10 % Overload Operation On voltage mentioned below 3 phase 50 Hz with voltage variation of 6 % and frequency variation 3% suitable for direct coupling with pumps under item No.1 as per latest revision of IS 325, Is 4722 & other Relevant IS specifications to meet the power requirement of pumps with 5 % additional capacity over entire Operating range, suitable for following duties, specifications & conforming to detailed specifications. HT MOTORS : Operating volt - 6.6 kV Minimum Motor O/P rating of 610 kW, motor rpm=1000 rpm,motor efficiency 95 %.	3	Nos.	
3	Spares And tools	1	Job	
4	Sump model study	1	Job	



(A.R.Kalmegh )  
Executive Engineer  
Mechanical Division  
Satara