



KERALA AGRICULTURAL UNIVERSITY
INSTRUCTIONAL FARM
KCAET, Tavanur- 679 573

No. IF- 391/2022

Dated: 06.03.2023

QUOTATION NOTICE

Sealed competitive quotations are invited for the supply of below specified 3 phase Centrifugal Monoblock Pumpset farm use.

Si No.	Item with Specification	Qty
1	Centrifugal Monoblock Pumpset <u>Specifications</u> <ul style="list-style-type: none">● 10HP,3phase,415 volts,50hz,● Head shall be 40 mtr.● 50 Hz +/-5% connection with class "A" insulation● The size of the suction and delivery side of in pupm set shall be 80x65mm, rpm:3000,● Make of the Pumpset : A reputed firm with ISO& ISI certified company● Warranty : 12months from the date of commission or 18 months from the date of supply whichever is earlier .	1 Nos

Terms and Conditions

1. The efficiency of the pumping unit supplied shall be as high as practicable, consistent with the best modern design.
2. The pump set shall be capable of operating in open conditions in the range without being overloaded at any point with a margin of at least 10% of power in the motor pump set over entire operating range.
3. The pump set characteristics shall be of stable nature such that the efficiency is fairly steady for the water level variations. The maximum efficiency point will be nearer to the duty point and fairly constant for larger range on either side. The pump sets should run smoothly over the entire operating range without cavitations and vibration. The variation in the efficiencies for any point of operation in the entire operating range should be minimum.
4. The pump set shall be suitable for pumping of raw/ brackish water containing silt, coarse sand and gravel/suspended solids up to 50 mm size.
5. The pump set shall be suitable for non-stop continuous 24 hours operation without interruption.

6. The supplier shall furnish the following documents (a) Final constructional drawings of the pump set. (b) Operation, maintenance and spare parts manual for pump set. (c) Weight of pump set and required minimum crane capacity. (d) Material of casting certificate for pump components.
7. The pump set manufacturer has to declare the performance parameters separately as Guaranteed Performance Parameters. These shall include discharge, pump set efficiency and overall efficiency
8. All rules related to Government quotations will be applicable in this case also.
9. The rates quoted should be inclusive of all taxes and other charges if any and the items shall be delivered at the point specified by the undersigned.
10. The supply of pump set shall accompany test certificate.
11. The quotations should reach this office before **2.30 pm on 17.03.2023** and the quotation will be opened at 3.00 pm on the same day.
12. Late and defective quotations will not be accepted.
13. The envelope containing the quotation should be super scribed with "Quotation for the supply of **10 HP 3 phase Centrifugal Monoblock Pumpset**" for the various uses in farm and addressed to "**Dean of Faculty (Agrl. Engg.), KCAET, Tavanur Malappuram (Dt) Pin-679 573.**"

Sd/-

Dr.Abdul Jabbar P.K
Professor & Head

To

KAU Website, KCAET Website