

GOVERNMENT OF KERALA
DEPARTMENT OF AGRICULTURE DEVELOPMENT & FARMERS' WELFARE

**Office of the Executive Engineer (Agri) Southern Region,
Sanathanapuram PO, Alappuzha- 688 003
Phone : 0477-2266084, email: eeagria@gmail.com.**

EE (2) 584/2020

Date: 11/08/2021

TENDER NOTICE

Tender ID 2021_Agri_434492_1

Notice inviting E-tender for the Supply, installation, trial run and commissioning of **Submersible Vertical Axial Flow pump sets** in Various padasekharams of **Chengannur LA Constituency in Alappuzha District** of Kerala with prime mover, delivery line, panel board and all other accessories.

On behalf of Governor of Kerala E-tender in two cover system is invited from manufactures or their authorized dealers or authorized distributors for the supply, installation, trial run and commissioning of **Submersible Vertical Axial Flow Pumpsets** and all other accessories with the following specification, by the **Executive Engineer (Agri) Alappuzha**.

Supply, installation, testing, trial run and commissioning of **Submersible Vertical Axial Flow Pumpset** with the specifications listed below, suitable for handling fresh and silty water with rpm 960 (Syn) or less. The material of construction of the casing, suction bell shall be CIFG 260 with 2% NICKEL, impeller CF8M (SS) with SS 316 or ASI 410 shaft and vertical submerged column pipe and delivery pipe (varies from 5 to 10 m length as per site conditions) of MS (IS 226) with 6 mm minimum thickness. A metallic non- corrosive strainer of mesh size not more than 50 mm X 50 mm should be fitted at mouth of suction column. Any hanging portion of the delivery pipe should be supported with suitable metallic supporting frames or RCC pillars of suitable size as per site requirements. The prime mover for the pump should be 3 phase TEWC squirrel cage submersible induction motor 415 V +/- 10%, 50 Hz +/- 5% connection with class "F" insulation, cubicle type panel board with all necessary protection units and instrumentation. Auto transformer starter of reputed make , MCCB including suitable metering, LED indications, selector switch, single phase and dry running preventer,

suitable capacitor etc., wiring and earthing should be as per regulations and specifications of KSEB and Electrical Inspectorate. Suitable water proof, copper power cable, about 20.00 m length or as per site requirement. A screen with 6 mm GI welded mesh with 50 mm X 50 mm opening size, (about 20 sq m area) framed in GI angles and GI tubes shall be fitted at the openings on top and sides of sump to prevent entry of unwanted materials to the pump through inflow water.

The rate quoted should inclusive all the charges for supply, installation including petty civil works, trial run and commissioning, all type of transportation and conveyance, loading and unloading charges, GST, factory testing etc.

Sl. No.	Duty Point Head (m)	Minimum discharge at Duty Point Head (lps)	Minimum overall efficiency (%) Duty Point Head	Capacity of prime mover	Quantity
I	3.5	180	70	20Hp	9
II	3.5	220	70	25Hp	5
III	3.5	250	70	30Hp	5
IV	3.5	570	70	50Hp	1

In accordance with respective specification as shown in the tender documents, the tender is to be submitted as e-tenders through etenders.kerala.gov.in. Since this is an online process only those bidders who have enrolled in the above portal with their on Digital Signature Certificate (DSC) can participate in the tender. E tender document and other details can be obtained from the above portal.

EMD (online payment) : Rs.3,03,000/-

Tender Fee (online payment. GST payment : Rs.25,000 + 18% GST directly to GST department)

Document sale start date and time : 17/08/2021, 6.00 PM

Document sale end date and time : 24/09/2021, 3.00 PM

Pre-bid meeting date : 15/09/2021, 11.30 AM

Bid Submission start date and time : 17/08/2021, 6.00 PM

Last date and time of receipt of e-tender	:	24/09/2021, 5.00 PM
Date and time of opening of technical bid	:	27/09/2021,11.00 AM
Date upto which the rate is to remain firm for acceptance	:	90 days
Performance Security	:	5% of quoted amount
Period of Supply	:	within three months from the receipt of supply order

Bidders shall remit the tender document fee and EMD using the online payment option of e-procurement system only. Bidders are advised to visit downloads section of e-procurement website [htt://etenders.kerala.gov.in](http://etenders.kerala.gov.in) for details instructions on making online payment using internet banking facility of SBT or by NEFT facility. In the bid, the following documents should be submitted by online.

1. BOQ duly filled up and signed.
2. Technical data sheet duly filled up and signed.
 - a) If any more information to be furnished, separate data sheet shall be attached for additional information.
 - b) Scanned copy of family curve, performance curve etc should be attached.
3. E-payment form duly filled and signed.
4. Proof of original manufacturer/authorized dealers attested copy of same.
5. Scanned copy of preliminary agreement executed in Kerala Stamp Paper worth Rs.200/-
6. EMD exemption certificate (if any) should be submitted online
7. Other details if any required to be furnished in the special condition.
8. Form No.14 duly filled and signed
9. Tender Notice and Special condition of Tender duly signed.

Scanned copy of the preliminary agreement in the prescribed format in Kerala Stamp paper with Rs.200/- should be submitted online and original to the undersigned before the opening of e-tender.