

GOVERNMENT OF KERALA
DEPARTMENT OF AGRICULTURE DEVELOPMENT & FARMERS' WELFARE

**Office of the Executive Engineer (Agri) Southern Region,
Sanathanapuram PO, Alappuzha- 688 003
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EE(2) 584/2020

Date: 11/08/2021

TENDER NOTICE

Tender ID 2021_Agri_434495_1

Notice inviting E-tender for the Supply, installation, trial run and commissioning of **Submersible centrifugal pumpset coupled with electric motor** 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 centrifugal pumpset coupled with electric motor** and all other accessories with the following specification, by the **Executive Engineer (Agri) Alappuzha**

Supply, installation, testing, trial run and commissioning of Submersible centrifugal pumpset coupled with electric motor with the specifications listed below, suitable for handling fresh and silty water with rpm 1500 (Syn) or less. The material of construction of the casing NCI and Impeller shall be stainless steel CF8M with Chrome steel A276 TYPE Shaft. The prime mover for the pump should be 3 phase Totally Enclosed Water Cooled motor confirming to IS325/1978, energy efficient EEFF1/IE2 ratings suitable for 415 V +/- 10%, 50 Hz +/- 5% connection with class "F" insulation, 10mm 3 core wire 15m as per site condition, meter board with fuse as per KSEB Specification and Electrical inspectorate norms, prefabricated closed type control panel board completed wired and fitted with fully automatic Star delta starter, main switch with ISI mark, Ammeter, Volt meter, selector switch, VSS indicating lamps RYB 32x415 V fuse, HRC fuse, ELCB, suitable Capacitor, SPP fuse neutral link, 2 nos. of earth fit suitable for motor as per KSEB specification, with all necessary protection units and instrumentation. The rate inclusive of all the charges of supply, installation including petty civil works, trial run and commissioning.

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Sl. No.	Working discharge range (lps)	Working head range (m)	Minimum Overall efficiency (%)	Quantity
I	110-200	15-27	70	3

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.33,000/-

Tender Fee (online payment. GST payment : Rs.5000 + 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

Prebid meeting : 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 : 30 days

Performance Security : 5% of quoted amount

Period of Supply : as detailed in the special condition

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 <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.

The rate should be quoted in Indian Currency only. The rules and regulation prescribed for e-tenders by the Govt. of Kerala shall be applicable to this e-tender also.

General Requirements:

- The efficiency of the pumping unit supplied shall be as high as practicable, consistent with the best modern design.
- 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.
- 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