



KERALA AGRICULTURAL UNIVERSITY

Department of Agricultural Engineering

College of Horticulture, Vellanikkara, Thrissur – 680 656.

Phone: 0487-2438331

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TENDER NOTICE No. AG.ENG/01/2020 dated 12.03.2020

Sealed tenders are invited for the fabrication of food processing equipment and gasifier for Agricultural Engineering laboratory whose work details are given as Annexure.

The tender documents and conditions

1. The tender form may be downloaded from the following web link in the Internet:
<http://rabi.kau.in>.

The cost of tender form is rupees 0.20 % of PAC (rounded to nearest 100/- minimum Rs. 400/-) + 12% GST. A Demand Draft for the amount drawn in favour of **The Professor and Head, Dept. of Agricultural Engineering, College of Horticulture, Vellanikkara, Thrissur 680 656** payable at **SBI KAU Main Campus, Vellanikkara (Code-70670)** should be enclosed along with the tender submitted.

2. Earnest Money Deposit (EMD)

EMD @ 1% of the cost of fabrication work offered may be remitted by a separate Demand Draft drawn as detailed above.

3. Agreement on Kerala Stamp Paper for Rs. 200.00

Form of agreement can be downloaded from the website <http://rabi.kau.in> under the Related Documents section.

4. The fabrication work, installation and commissioning should indicate separately. Labor cost and any other cost for its installation, if any should also be included.
5. The sealed cover containing the tender documents should be super scribed **“Tender for fabrication of food processing equipment and gasifier: (Name of equipment)”** and sent to **The Professor and Head, Dept. of Agricultural Engineering, College of Horticulture, Vellanikkara, Thrissur, Kerala - 680 656.**

6. Tenders received late or incomplete in any respect will be summarily rejected without notice and the decision of the undersigned on such matters will be final.
7. Successful tenderers will have to execute an agreement and remit security deposit @ 5% of the value of the fabrication work, less the amount of EMD, drawn as DD or fixed deposit receipt.
8. The fabrication work needs to be completed within the prescribed period and fabrication work should be done in the Dept. of Agricultural Engineering, College of Horticulture, Vellanikkara, Thrissur, Kerala - 680 656 as per indent.
9. The service and maintenance details for the fabricated machine along with the warranty period should be provided.
10. The undersigned reserves the authority to accept or reject any or all the tenders without assigning any reason.
11. The decision of the undersigned in finalizing the tenders shall be final and binding.
12. Leaflets/ brochures/ catalogues of the fabricated equipment describing its features, applications, specifications, working procedure and detailed drawing should be provided immediately after successful installation of fabricated equipment.
13. Tenders will be received up to 10.00 AM on 26.03.2020.
14. Tenders will be opened at 11.00 AM on 26.03.2020 in the presence of the tenderers present at that time.
15. The items should be supplied and bills submitted before 31.03.2020.
16. All conditions of Kerala government tenders are applicable in this case also. Further information can be had from the web site <http://rabi.kau.in> or from the office of **The Professor and Head, Dept. of Agricultural Engineering, College of Horticulture, Vellanikkara, Thrissur, Kerala - 680 656.**

ANNEXURE

Sl. No.	Items	Work	Qty
1.	Fabrication of a blast freezer	<ul style="list-style-type: none"> Assembling and installation of blast freezer of 100 kg capacity Fabrication materials will be provided by the Department of Agricultural Engineering Testing and commissioning of fabricated blast freezer Test trial run of fabricated blast freezer 	1No
2.	Fabrication of a rotary oven	<ul style="list-style-type: none"> Fabrication and assembling of a rotary oven with PLC programming Minimum oven chamber size of 55 cm x55 cm x170 cm 	1No

		<ul style="list-style-type: none"> • Minimum number of trays loaded at a time should be 12 of 45 cm x 45 cm each • Maximum power requirement of 1.5HP • Fabrication materials will be provided by the Department of Agricultural Engineering • Installation, testing and demonstration of rotary oven 	
3.	Fabrication of a centrifuge	<ul style="list-style-type: none"> • Fabrication and assembling of ball centrifuge of feed Capacity of maximum 600 LPH (in water) • Working and demonstration of centrifuge with virgin coconut oil, coconut milk samples etc. • Working procedure and manuals should be provided after successful installation • One year working warranty for fabricated centrifuge 	1No
4.	Fabrication of Solar cum/ gasifier based dryer	<ul style="list-style-type: none"> • Fabrication of solar cum/producer gas-based gasifier with 12 tray (SS) dryer. • Fabrication work includes assembling of gasifier furnace, storage tank, burner set, air mixing unit, hot air circulation facility, plumbing, water tank with insulation. • The gasifier should be designed as per the design plan of the Department of Agricultural Engineering. • The warranty against fabrication defects will be for a period of 18 months from the date of fabrication completed. • Demonstration and training on fabricated solar cum/producer gas based gasifier. • Operation and maintenance manuals should be provided after successful installation. 	1No

12-03-2020

Vellanikkara



PROFESSOR & HEAD

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Dept. of Agri. Engineering
College of Horticulture, KAU
Vellanikkara, Thrissur - 680 656