



सीएसआईआर-केंद्रीय खाद्य प्रौद्योगिक अनुसंधान संस्थान  
CSIR- CENTRAL FOOD TECHNOLOGICAL RESEARCH INSTITUTE  
मैसूरु / MYSURU-570 020, भारत / INDIA

(Constituent Laboratory of CSIR, New Delhi (Ministry of Science & Technology)  
An ISO 9001:2008, ISO 14001:2004 & ISO 17025:2005, NABL Accredited Laboratory

**Corrigendum title: Revised Technical Specification for Lab Scale Cooking Extruder**

**Tender Reference No: CFTRI/74201/2020**

**Tender ID: 2020\_CSIR\_62668\_1**

**Please see the revised final technical specification in lieu of original tender specification. All bidders are requested to take cognizance of the revised technical specification and submit their bids accordingly on or before 2.00 p.m. on 15/December/2020.**

**The Firms who has already submitted their offer may resubmit their offer as per our revised final technical specification.**

**All other tender terms and conditions remain unaltered**

## Detailed Revised Technical Specifications

**Extruder type:** Single screw, suitable to prepare Ready-to-eat products from corn, wheat, rice, ragi and such other cereals

**Screw configuration:** Minimum 25 mm screw diameter and 600 mm length, pitch 12-15 mm, made up of SS 308 steel, screw construction with hard treated wear resistant alloy steel, with cooling facility and water circulator, mounted on sturdy frame and completely covered

**Capacity:** 1-5 kg/h, with suitable gear box to take the load

Heater covered with SS with a heating load of 3-5 Kw.

Control panel with PID with indicating lamps, ammeters, switches and other required electrical outfits with a VFD control, mcb for each heaters and motors and a semiconductor fuse for overload.

With a 3 hp extruder driving motor with a variable speed inverter, speed range up to 500 rpm, temperature 0-250°C  $\pm 5^{\circ}\text{C}$

All parts of the extruder which comes into contact with the food ingredients should be of food grade stainless steel material

With a suitable gravity hopper constructed with SS 304 steel and feeder fitted with a suitable cutter, mounted on driving shaft driven by frequency controlled 0.75 kw, 2880 rpm, 50 cycles AC motor mounted on separate frame parallel to die.

No. of Die: 3 No. opening 6 mm, 10 mm and 12mm diameter, round shape

**Thanking you,**

Signature

For CSIR-CFTRI, Mysuru

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Date: 08/12/2020