



निदेशालय अनुसंधान सेवाएँ

राजमाता विजयाराजे सिंधिया कृषि विश्वविद्यालय, ग्वालियर
रेसकोर्स रोड, ग्वालियर - 474002 (म.प्र.)

क्र./जन.सं/नि.अ.से./पीएम एफएमई/2022/2506 दिनांक : 14/02/2022

विषय : प्रधानमंत्री सूक्ष्म खाद्य उद्योग उन्नयन योजनान्तर्गत राजमाता विजयाराजे सिंधिया कृषि विश्वविद्यालय, ग्वालियर में स्थापित तीन इन्क्यूबेशन सेन्टर (कृषि महाविद्यालय ग्वालियर/सीहोर, आंचलिक कृषि अनुसंधान केन्द्र, मुरैना) हेतु मशीनों और उपकरणों की आपूर्ति, स्थापना एवं कमीशनिंग के लिए स्पेसिफिकेशन निर्धारण हेतु आवेदन।

उपरोक्त विषयान्तर्गत लेख है कि इच्छुक संस्थायें उक्त वर्णित प्रोसेसिंग लाईनों में स्थापित होने वाली मशीनों के स्पेसिफिकेशन, अनुरक्षण, संचालन के लिए अपने प्रस्तुतिकरण ऑनलाईन एवं ऑफलाईन माध्यम से दिनांक 21.02.2022 तक आवेदन कर सकते हैं। जिनका प्रस्तुतिकरण दिनांक 25.02.2022 को प्रातः 11:00 बजे आवेदित संस्थाओं द्वारा राजमाता विजयाराजे सिंधिया कृषि विश्वविद्यालय, ग्वालियर के प्रशासनिक भवन में निदेशालय अनुसंधान सेवाएँ में किया जायेगा। अधिक जानकारी के लिए निदेशालय अनुसंधान सेवाएँ, ग्वालियर Email-drs@rvskvv.net से सम्पर्क कर सकते हैं। राजमाता विजयाराजे सिंधिया कृषि विश्वविद्यालय, ग्वालियर में स्थापित तीन इन्क्यूबेशन सेन्टर हेतु लगने वाली मशीनों एवं उपकरणों का विवरण विश्वविद्यालय की वेबसाइट www.rvskvv.net पर उपलब्ध है।

निदेशालय अनुसंधान सेवाएँ
राजमाता विजयाराजे सिंधिया कृषि विश्वविद्यालय
 मेला ग्राउण्ड के पास, राजा पंचम सिंह मार्ग, ग्वालियर (म.प्र.) 474002

राजमाता विजयाराजे सिंधिया कृषि विश्वविद्यालय, ग्वालियर में स्थापित तीन इन्क्यूबेशन सेन्टर हेतु लगने वाली मशीनों एवं उपकरणों का विवरण निम्न है :-

S.No.	Name of Incubation center	Processing lines	Equipment and their capacity
1	College of Agriculture, Gwalior	1. Potato Chips Production Line (Complete unit)	Horizontal type potato cleaning machine, Conveyor, Peeling and sorting machine, Steaming machine, Slicing and rinsing machine, Blanching machine, Surface moisture removal and dehydrating machine, Electric heat frying machine, Vibratory deoiling machine, Flavoring/seasoning unit, Nitrogen flushing FFS machine (Capacity 1 ton/day) *Area required for machine installation
		2. Potato Ready to cook/fry frozen products-french fries, patties and hash brown (Complete unit)	Pulverizer potato meal for hash brown and patties (100 kg/hr), Potato french fries cutting and rinsing, Automatic hash brown processing machine (120 kg/hr), Potato boiling machine (1 ton/day), Packaging and labeling line (500 packs/hr), Deep freezers (-20°C to -40°C) (500 l capacity) *Area required for machine installation
		3. Bakery Line-millet & wheat based cookies (Complete unit)	Planetary mixer (100 kg/h), Dough kneader (100 kg/h), Dough sheeter (100 kg/h), Rotary oven (100 kg/h), Bread slicer (100 kg/h), Cookies dropper (100 kg/h), Weighing balance (1-50 kg range), Packing line (Band sealer/Hand sealer) (500-1000 packs/hr) *Area required for machine installation
2	College of Agriculture, Sehore	1. Juice Processing line (Complete unit)	i. Guava Juice Processing line – 200 LPH a. Sugar syrup preparation Tank, filter press, Plate heat exchanger, Holding tank, Pump b. Blending & Homogenization Tank, Pump, Homogeniser, Storage tank, Pasteurization, Juice pasteurizer, Filling tank, Bottling, rinsing, capping etc., all under sterilized condition c. Other utilities Cooling tower (PHE & Pasteurizer), Automatic shrink tunnel, CIP system, Chiller, Dryer, Compressor, Steam boiler, R.O. plant, Printer for bottling, packing etc., Cooling tunnel, Installation & Commissioning, Plumbing, Electrical panel for controls *Area required for machine installation
		2. Pulp, Jam, Jelly Processing line with canning line (Complete unit)	ii. Guava Pulp, Jam, Jelly Processing line- 100kg/h a. Pulp, jam, jelly processing line Fruit washing machine, Sorting/Inspection conveyor, Working table, Screw feeder, Fruit mill crusher, Hopper type transfer, Twin pulper, Pulp collection tank, Transfer pump, Steam jacketed kettle, Transfer pump, Filling tank b. Canning line Double seamer, Miscellaneous spares (pressure gauge, can tester, vacuum gauge etc.) c. Can reforming unit Rotary flat can body reformer, Hand flanger, Double seamer, Round can body beader, Empty can washer

			d. Other utilities Installation & Commissioning, Plumbing, Electrical panel for controls *Area required for machine installation
		3. Onion processing line (Complete unit)	iii. Onion Processing line Chain type commercial onion peeling machine, Onion slicing machine, Tray dryer 96 trays, Pulveriser 100 kg/hr, Sieve shaker/Sifter-100 kg/hr, Continuous form fill sealing machine (50 packs per min.), Storage tank/bin (250 kg/bin) .02 *Area required for machine installation
		4. Vegetables Dehydration line (Complete unit)	Washing system (500 kg/hr) Washing-bubble washing, roller washing with slant conveyer belt or jet washing mechanism/washing tub with conveyor roller system Multifunctional Vegetable Cutting/slicing/dicing machine (300-500 kg/hr), Solar Dryers with multi rack tray system (1000 kg/batch), Storage tank/bin (250 kg/bin) : 02, Band sealing machine (500-1000) packs/hr *Area required for machine installation
3	Zonal Research Agriculture Station, Morena	Oilseed pre-processing line (Complete unit)	Seed cleaner, Stone remover, Decorticator and Roaster(350 kg/hr), Crusher, Shaker screen with blower,Vibrating sifter,Seed cooker/cooking machine,Bean extrusion machine *Area required for machine installation
		Oil extraction line (Screw oil expeller, cold press and ghani) (Complete unit)	Oil Extraction plant , Screw oil expeller – expellers complete with long heating kettle, other accessories and electrical (1.2 tons oil/day) Cold press unit, Table Ghani *Area required for machine installation
		Oil packing unit (Complete unit)	Tin packing machines of (15lt), Volumetric filling and sealing machine, Can sealing machine, Box stamping machine , *Area required for machine installation
		Primary processing Line for Major Millets (Sorghum, Pearl and Finger Millets) (Complete unit)	Cleaning cum De-stoner cum Grader (200-250 kg/hr), Grader cum Aspirator/Gravity Separator (200-250), Weighing Balance (1-50 Kg Range), Polisher Balance(200-250 kg /hr), Tray Dryer(96 trays), Color Sorter(250 kg/hr), Packing Line (Band Sealer) (500-1000 packs/ hr *Area required for machine installation
		Secondary Processing: Milling of grains into flour (Millet flour & Millet semolina, wheat/rice flour) (Complete unit)	Flour/ semolina line (mini)- Hammer type-1(250-500kg /hr), Ribbon Blender-2(150-200 kg/hr), Conical Raster 150-200 kg/hr), Weighing Balance-2(1-50 kg Range), Packing Line (Band Sealer)-2(500-1000 packs /hr), Rice Grinder/pulverizer-1(250kg/h), Sieve shaker/Sifter-3(100kg/h), Storage tank/bin-2(250 kg/h), Packaging machine-2(250kg/h) *Area required for machine installation
		Bakery products (bread, biscuits and cookies) (Complete unit)	Planetary mixer(100kg/h) Dough kneader (100kg/h), Dough sheeter(100kg/h), Rotary over(100kg/h), Bread slicer(100kg/h), Cookies dropper(100kg/h), Weighing Balance(1-50kg Range), Packing Line (Band Sealer/Hand sealer) (500-1000 packs/hr), *Area required for machine installation
		Solar Dryer- Polycarbonate	-