



Ref no. : RKMVERI/SSKVK/RKVY/Lab Est II - 339 /2017-'18

Date: 20 February, 2018

Subject: Seeking Quotations for supplying and installation of Instruments, Chemicals, Glass Wares and Plastic Wares for Laboratories funded by RKVY.

Interested firms are requested to submit sealed quotations for supplying of the following items.

Sl. No.	Particular	Specification
1.	Pcr Primers	Sigma, Purification : Desalt, Scale: 0.025, 23/base
2.	Ethyl Alcohol	Absolute,
3.	Methyl Alcohol	Absolute,
4.	Absolute Ethyl Alcohol	Absolute,
5.	Dolomite	
6.	Lime	
7.	Zeolite	
8.	Yucca	
9.	Soil Probiotic	
10.	Water Probiotic	
11.	Water Probiotic	
12.	Humic Acid Granule	
13.	Humic Acid Liquid	
14.	Neem Oil	
15.	Neem Oil With Iodine	
16.	Bkc 80%	
17.	Argunash	
18.	Gut Probiotic	
19.	Vitamin Mineral Mix	
20.	Pond Mineral	
21.	Chanda Killer	
22.	Yeast	
23.	Vitamin, Minerals, Enzyme, Yeast, Probiotics, Amino Acid, Liv. P	
24.	Vitamin, Minerals, Enzyme, Yeast, Probiotics, Amino Acid, Liv. P	
25.	Amino Acid, Choline Chloride	
26.	Liver Stimulants, Toxin, Neutralizer, Growth Promoter	
27.	Multi Enzyme	
28.	Multi Minerals	
29.	Producing, Rich Plankton	
30.	For Fish & Prowans	
31.	Multi Organic Acid	
32.	Emunomodulatar	
33.	Natural Source of Gas Binder,	
34.	Oxygen & PH. Controller	
35.	Multi Strain Probiotic	
36.	Feed Probiotic	
37.	Gut Stabilizer Feed Mix Yeast	
38.	Spray Yeast Water Mix Yeast	
39.	Natural Zeolite	
40.	Natural Zeolite	
41.	AlkylBenzylDimethyl	



Sl. No.	Particular	Specification
42.	Ammonium Chlorides	
43.	Ivermectin+	
44.	Oxydizing Agent, Calcium Perexide, Sodium Perborate	
45.	Binder with Protein, Vit & Carbohydrates, Amino Acids	
46.	Brominated Halogen	
47.	Enrofloxacin	5%
48.	Alicin+BKC	10% liquid
49.	Enrofloxacin	1Ltr.
50.	Ivermectin	10% liquid
51.	Formaline	1%+
52.	MASH FEED	
53.		20 % protein
54.	Hipas Staining Solution Kit For Detectio	Kit For Detection
55.	Hipas Staining Solution Kit For Detection Of Aldehyde Group From Tissue	Kit For Detection Of Aldehyde Group From Tissue
56.	Hidecal (Mild Decalcifying Solution)	Mild Decalcifying Solution
57.	Hidecal (Strong Decalcifying Solution)	Strong Decalcifying Solution
58.	Tips 20 Micro Liter	2-200µl Clear tips, 1000/Pack, sterile
59.	Tips 200 Micro Liter	2-200µl Clear tips, 1000/Pack, sterile
60.	Tips 1000 Micro Liter	Blue tips, 1000/Pack, sterile
61.	Tips Boxes 20 Micro Liter	Tip Box, 20-200µl, 10Nos/Pack
62.	Tips Boxes 1000 Micro Liter	Tip Box, 1000µl, 10Nos/Pack
63.	Cello Tapes	1 Inch
64.	Gloves	Nitrile gloves- Medium / Latex gloves- Medium
65.	Micro Centrifuge Tube 1.5ml, sterile	Conical MCT with safe lock, graduated
66.	Micro Centrifuge Tube 0.2 Ml	AB gene flat cap tube, 0.2ml, Natural colour, 1000 /Pack, sterile
67.	Buchner funnel	Clear
68.	Tips 20 micro liter(500 No)	2-200µl Clear tips, 1000/Pack, Nuclease free, sterile
69.	Tips 200 micro liter(500 No)	2-200µl Clear tips, 1000/Pack, Nuclease free, sterile
70.	Tips 1000 micro liter(500 No)	100-100µl Blue tips, 1000/Pack, Nuclease free, sterile
71.	Felter tips 20 micro liter(500 N0)	20-200 ul, Filter Tips, sterile, 10 Racks per Pack, Nuclease free
72.	Felter tips 200 micro liter(500 N0)	20-200 ul, Filter Tips, sterile, 10 Racks per Pack, Nuclease free,
73.	Felter tips 1000 micro liter(500 N0)	100-1000µl, Beveled 10 Racks per Pack , Nuclease free, sterile
74.	MICRO CENTRIFUGE TUBE 1.5ML (PKT OF 500)	Conical MCT with safelock, graduated, Nuclease free, 500/Pack, natural colour, sterile
75.	Micro Centrifuge Tube 0.2 Ml	AB gene flat cap tube, 0.2ml, Natural colour, 1000 /Pack, Nuclease free, sterile
76.	Micro Centrifuge Tube 2.0 Ml	Conical MCT with safelock, graduated, 500/Pack, natural colour, Nuclease free, sterile
77.	Plastic droppers	sterile, Clear, graduated
78.	5 ML pipette "A" grade	5ml Graduatet pipettes, Class A
79.	10 ML pipette "A" grade	10ml Graduatet pipettes, Class A
80.	1 Ml Pipette "A" Grade	1ml Graduate pipettes, Class A



Sl. No.	Particular	Specification
81.	2 ML pipette "A" grade	2mll Graduate pipettes, Class A
82.	25ml standered pipettes	Pipettes, Measuring, Class A
83.	Petric plate	
84.	Petriplate	Petriplate, glass, 90 x 17, 100/Pack
85.	L Rods /spreaders	L-Spreader, 1x20 no
86.	Glass Pestles	Class A
87.	Buchner funnel	Clear
88.	Tips 20 micro liter(500 No)	2-200µl Clear tips, 1000/Pack, Nuclease free, sterile
89.	Tips 200 micro liter(500 No)	2-200µl Clear tips, 1000/Pack, Nuclease free, sterile
90.	Tips 1000 micro liter(500 No)	100-100µl Blue tips, 1000/Pack, Nuclease free, sterile
91.	Felter tips 20 micro liter(500 N0)	20-200 ul, Filter Tips, sterile, 10 Racks per Pack, Nuclease free
92.	Felter tips 200 micro liter(500 N0)	20-200 ul, Filter Tips, sterile, 10 Racks per Pack, Nuclease free,
93.	Felter tips 1000 micro liter(500 N0)	100-1000µl, Beveled 10 Racks per Pack , Nuclease free, sterile
94.	MICRO CENTRIFUGE TUBE 1.5ML (PKT OF 500)	Conical MCT with safelock, graduated, Nuclease free, 500/Pack, natural colour, sterile
95.	Micro Centrifuge Tube 0.2 MI	AB gene flat cap tube,0.2ml, Natural colour, 1000 /Pack, Nuclease free, sterile
96.	Micro Centrifuge Tube 2.0 MI	Conical MCT with safelock, graduated, 500/Pack, natural colour, Nuclease free, sterile
97.	Plastic droppers	sterile, Clear, graduated
98.	Low-Retention Standard micro tips	50-1000 MI 200-1000 µL 2-200 µL 0.1-10 µL
99.	MICROPIPETTES , Variable Volume, Single Channel, autoclavable	50-200 µL; 200-1000 µL; 1000-10000µl
100.	Conical Flask	100 ml, 250 ml, 500 ml, 1lt
101.	Hoffkins Flask	1lt, 5 lt
102.	Glass Jar	100 ml, 250 ml, 500 ml, 1lt
103.	Glass Rod	
104.	L Rod	
105.	Test Tubes	1 ml, 5 ml, 10 ml
106.	Measuring Cylinder	10 ml, 100 ml, 250 ml, 500 ml, 1lt
107.	Petriplate	plastics
108.	Petriplate	Glass
109.	Microscope slides & Cover slips	
110.	Baffled-Bottom Flask	250, 500 and 1000 ml
111.	Culture Bottle	250, 500 and 1000 ml
112.	Vacuum Desiccator	
113.	round bottom flask	250, 500 and 1000 ml
114.	Beaker	250, 500 and 1000 ml
115.	funnel	
116.	filter funnel and filter crucible	250, 500 and 1000 ml
117.	Filtering Apparatus	
118.	Stainless Steel Bottle	250, 500 and 1000 ml



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Sl. No.	Particular	Specification
119.	Brown Bottle	250, 500 and 1000 ml
120.	laboratory bottle	250, 500 and 1000 ml
121.	Filter Paper	
122.	50ml beakers-Poly Propalene	Beaker, Disposable; Fisherbrand®; Polypropylene; Rib construction; Unbreakable; Capacity: 50mL; Graduations: 5mL/0.25 oz.
123.	100ml beakers-Poly Propalene	Beaker, Disposable; Fisherbrand®; Polypropylene; Unbreakable; Dripless lip; Capacity: 100mL; Graduations: 50mL/0.5 oz.
124.	250ml beakers-Poly Propalene	Beaker, Polypropylene, Fisherbrand®; Disposable, w/Pour spout; Unbreakable; Steam-autoclavable; Resistant to strong acids, organic solvents, other common reagents; 250mL
125.	500ml beakers-Poly Propalene	Beaker; Fisherbrand®; Polypropylene w/pouring spout; With permanently colored graduation scales and marking areas; Withstand temperatures to 135deg.C; Autoclavable; 500mL capacity
126.	1000ml beakers-Poly Propalene	Beaker, Low Form; Fisherbrand®; Polypropylene; With handle; Capacity: 1000mL
127.	Standard Flask 1 lt	Standard Flask 1 lt,10/Pack, Class A
128.	Standard Flask 500ml	Standard Flask 500ml,10/Pack, Class A,
129.	Standard Flask 250ml	Standard Flask 250ml,10/Pack, Class A,
130.	Standard Flask 100 ml	Standard Flask 100 ml,10/Pack, Class A,
131.	Standard Flask 50 ml	Standard Flask 50 ml,10/Pack, Class A,
132.	Standard Flask 25 ml	Standard Flask 25 ml,05/Pack, Class A,
133.	Standard Flask 10 ml	Standard Flask 10 ml,05/Pack, Class A,
134.	Indicator bottle-100ml	Class A
135.	Erlemeyer flask(125ml)	Erlenmeyer Flasks, Plain bottom Non vented cap, Volume 125ml, 10x1 no
136.	Amber colored Chemical Bottles 125 ml	125ml/Pack, Narrow Mouth
137.	Amber colored Chemical Bottles 500 ml	500ml, 10/Pack, Wide Mouth
138.	Amber colored Chemical Bottles 1000 ml	1000 ml,10/Pack,Wide Mouth
139.	50ml burette	50ml burette with screw thread stopcocks, Class A
140.	100ml burette	100ml burette with screw thread stopcocks, Class A
141.	50ml measuring cylinders	Measuring cylinder, 50ml, Class A
142.	100ml measuring cylinders	Measuring cylinder, 100ml, Class A
143.	1ml Graduate pipettes(blowing&nonblowing)	1ml Graduate pipettes, Class A
144.	2mll Graduate pipettes(blowing&nonblowing)	2mll Graduate pipettes, Class A
145.	5ml Graduatet pipettes(blowing&nonblowing)	5ml Graduatet pipettes, Class A
146.	10ml Graduatet pipettes(blowing&nonblowing)	10ml Graduatet pipettes, Class A
147.	10ml volumetric flask	Standard Flask 10 ml,05/Pack, Class A
148.	50ml volumetric flask	Standard Flask 50 ml,10/Pack, Class A
149.	15ml test tube with screw cap	Class A
150.	Wash bottel 500ml	Wash bottles, Plastic, 36/ Pack, 500ml
151.	50mll amber bottles	50ml, 20/Pack, Wide Mouth
152.	100mll amber bottles	100ml, 10/Pack, Wide Mouth
153.	250mll amber bottles	250ml, 10/Pack, Wide Mouth
154.	50ml beakers- Glass	Beakers, with spout, 60/Pack
155.	100ml beakers- Glass	Beakers, with spout, 40/Pack



Sl. No.	Particular	Specification
156.	250ml beakers- Glass	Beakers, with spout40, /Pack
157.	500ml beakers- Glass	Beakers,with spout20, /Pack
158.	1000ml beakers- Glass	Beakers, with spout20, /Pack
159.	50ml Erlenmeyer flask	Class A
160.		
161.	30ml test tubes	38ml test tubes, 200/Pack
162.	250ml iodine flask or erlemeyer flask	Class A
163.	Buchner funnel	Class A
164.	50 mlLtr Screw cap bottle	50ml bottles, Reagent, Graduated With Screw Cap and Pouring Ring, 20, /Pack
165.	100 ml Screw cap bottle	100ml bottles, Reagent, Graduated With Screw Cap and Pouring Ring, 10, /Pack
166.	250 ml Screw cap bottle	250ml bottles, Reagent, Graduated With Screw Cap and Pouring Ring, 10, /Pack
167.	1 ltr Screw cap bottle	1Ltr bottles, Reagent, Graduated With Screw Cap and Pouring Ring, 10, /Pack
168.	2 Ltr Screw cap bottle	2Ltr bottles, Reagent, Graduated With Screw Cap and Pouring Ring, 10, /Pack
169.	Durhan tubes	Class A
170.	Glass Slides	Class A
171.	Concavity Slides	Class A
172.	Cover Slips (22*30mm)	Class A
173.	Haemocytometer cover slips (20*25mm)	Class A
174.	50ml beakers-Poly Propalene	Beaker, Disposable; Fisherbrand®; Polypropylene; Rib construction; Unbreakable; Capacity: 50mL; Graduations: 5mL/0.25 oz.
175.	100ml beakers-Poly Propalene	Beaker, Disposable; Fisherbrand®; Polypropylene; Unbreakable; Dripless lip; Capacity: 100mL; Graduations: 50mL/0.5 oz.
176.	250ml beakers-Poly Propalene	Beaker, Polypropylene, Fisherbrand®; Disposable, w/Pour spout; Unbreakable; Steam-autoclavable; Resistant to strong acids, organic solvents, other common reagents; 250mL
177.	500ml beakers-Poly Propalene	Beaker; Fisherbrand®; Polypropylene w/pouring spout; With permanently colored graduation scales and marking areas; Withstand temperatures to 135deg.C; Autoclavable; 500mL capacity
178.	1000ml beakers-Poly Propalene	Beaker, Low Form; Fisherbrand®; Polypropylene; With handle; Capacity: 1000mL
179.	What man filter paper- 125mm	100nos/Pack, 125mm
180.	What man filter paper- 45mm	100nos/Pack, 55mm
181.	Rubber aspirator	
182.	Scissor-SS	Scissor 6" Stainless Steel Scissor 4" S.S.
183.	Forceps-SS	Forcep 4" S.S.
184.	Spatula	Spatula 6"S.S. Spatula 8" S.S.
185.	Spirit Lamp/BUNSEN BURNER	S.S. Spirit Lamp
186.	Air pump for artemia audit	Class A
187.	Imhoff cone	Class A
188.	Haemocytometer-German-Marine Field	Class A
189.	Standard Thermometer (0 - 100 ⁰ C)	Class A



Sl. No.	Particular	Specification
190.	Standard Thermometer (0 - 50 ⁰ C)	Class A
191.	What man filter paper- 125mm	100nos/Pack, 125mm
192.	What man filter paper- 45mm	100nos/Pack, 55mm
193.	Rubber aspirator	
194.	Scissor-SS	Scissor 6" Stainless Steel Scissor 4" S.S.
195.	Forceps-SS	Forcep 4" S.S.
196.	Spatula	Spatula 6"S.S. Spatula 8" S.S
197.	50ml beakers-Poly Propalene	Beaker, Disposable; Fisherbrand®; Polypropylene; Rib construction; Unbreakable; Capacity: 50mL; Graduations: 5mL/0.25 oz.
198.	Wssv kit	IQ 2000 kit
199.	EMS kit	IQ 2000 kit
200.	EHP kit	IQ 2000 kit
201.	IHHNV kit	IQ 2000 kit
202.	TSV kit	IQ 2000 kit
203.	Freezer	Eco-friendly refrigerant, Digital temperature controller-cum-indicator, Temperature range: -16°C ~ -24°C, Defrost: Manual (Static cooling) Capacity: 350 Litres, drawers/compartments
204.	Refrigerator	Fridge RT 26- 253ltr, double door type, refrigeration and cooling technology- R-600A
205.	Micro-oven	Stainless steel cavity and LED display, Clock with timer, 10 power levels, Cooling feature and keep warm, Operating Voltage: 230 volts, Combi-Tec: 2 - (Grill + Microwave) and 4 - (Convection + Microwave), 1 year warranty on product and 3 years on magnetron and cavity
206.	Computer	I7 processor ,8 GB ram, Graphics card, 1 TB hard Disk 19 inch monitor, UPS, keyboard mouse and others
207.	plankton net	Collection of plankton for live feed culture
208.	Laminar flow (horizontal)	Internal chamber (3ftX2ftX2.5ft) with Hepa Filter, working steel top, gas burner point, two plug point within internal chamber
209.	Balances	50 Kg Capacity Digital
210.	Hot Plate/Stirrer	Stir and heat volume: 5000ml Top material: superfine ceramics Stir speed: 0~ 2000rpm Top: ceramic plate Top Ceramic Dimension: 180 x 180 <ul style="list-style-type: none"> • Temperature range: ambient to 400 degree • Stir display: digital display +/- 1 rpm • product function: magnetic stirrer with hot plate • Temp Display: digital display ,+/- 1 degree
211.	Thermometer	Digital
212.	Spirit Lamp	Medium
213.	Sensor Auto Filtration System	Iron filter and accessories with water purification by sensor
214.	Tissue Processor	Processes up to 300 cassettes , Enclosed system , Reagent management system



Sl. No.	Particular	Specification
215.	Tissue Tek Embedding Center	Embedding console and cryoconsole , Temperature control from 50 – 70 °C , Large refrigerated surface
216.	Microtome	Rm2125 Rts High quality manual sectioning , Fast specimen trimming , Section thickness settings from 1- 60 µm
217.	Paraffin Sections	HI1210 Water Bath Surface with high thermal conductivity, Scratch resistant, Protection from overheating
218.	Cryostat1	Two separate cooling systems , Cryo-chamber down to -35 °C , Section thickness settings from 1- 60 µm
219.	Trinocular Research Microscope	With SLR Digital Camera With Grabber Card Attachment For Storage Transfer And Simultaneous Imaging
220.	Air condition	1.5 lt cap
221.	Aerator	Paddle wheel aerator – 4 wheel
222.	TDS pen	
223.	Sacchi Disc	
224.	Digital Camera with water case	Sensor Ultra-Compact Camera with Waterproof and Shockproof Design (DSCRX0)
225.	Blood Cell Counter	9 Units (Clay -Adams Type Yorco
226.	Feed Machines Mini	Mixer grinder, pelletizer, excruder
227.	GPS System	
228.	Fire Extinguisher	
229.	Bar Code Scanner & Printer	
230.	Travelling small laptop, Travelling projector, Travelling Colour Printer and Travelling Microscope	
231.	Inverter	
232.	Auto Titration Solutions	
233.	E gel imager white light each	
234.	Ammonia Analyzer	
235.	Refractometer	Pen type
236.	Mini fermenter	
237.	Hot Air Oven	<ul style="list-style-type: none"> • Internal Size (length x width x height) - 2ftX2ftX2ft • Double walled construction • Outer Body - MS duly powder coated • Inner Body- SS • Temp range : ambient to 250⁰C; digital display, • Forced air circulation by means of a motorized blower • Digital temperature controller/indicator with Pt100 sensor with resolution:10⁰C & Accuracy ±0.5⁰C • Electrically operated on 230 V AC • rack in internal chamber
238.	Laminar flow (horizontal)	<ul style="list-style-type: none"> • Internal chamber (3ftX2ftX2.5ft) • Pre filters (10µ) with efficiency 90% • High class Hepa Filter with aluminium frame (class 100 of efficiency 99.99%) • Motor blower, Pressure gauge, on/off switch • Noise level <60Db




Sl. No.	Particular	Specification
		<ul style="list-style-type: none"> working stainless steel top Full metal body with GI powder coated finish, both side glass, front foldable (half or full) hydraulic door with transparent plexiglass/polyacrylic sheet, Wheels for easy movement of the instrument One UV light, one normal tube light, gas burner point, two plug point within internal chamber
239.	UV-VIS Spectrophotometer	Dual beam with internal reference detector Spectral bandwidth <2 nm Light source – Xenon flash lamp Wave length range – 180 -1200nm Accuracy - ±1nm Repeatability - ±0.5nm Data interval for scanning – 0.5 to 5 nm Linear range – 0 A to 3.5A at 260 nm LCD display USB connectivity for computer and data storage connectivity
240.	GPS System	Battery operated GPS device wit TFT display, USB connectivity
241.	Tensiometer	
242.	Infiltrrometer	complete with one inner ring 30cm dia., one outer ring 45cm dia. (Height of rings 30cm); Driving Plate with Hammer weight and Hammer Guide rod ; Water Level Gauge; Stop Watch.
243.	Bouyoucos Hydrometer	
244.	3 KVA UPS	<ul style="list-style-type: none"> 3 KVA Online UPS With Battery with 30 min backup Pure Sine Wave Output, Powerchute Business Edition, Internal Batteries, Two Years Onsite Warranty. 3KVA/1400W Output Power Capacity : 1400 Watts/2000 VA Nominal Output Voltage : 230V Nominal Input Voltage: 230V Battery Type : Maintenance-free sealed Lead-Acid battery (Exide) with suspended electrolyte : leak proof Included Battery Modules : 1 Typical Recharge Time : 3 hrs Control Panel : LED status display with load and battery bar-graphs and On Line : On Battery : Replace Battery : Overload and Bypass Indicators. Audible Alarm : Alarm when on battery : distinctive low battery alarm : overload continuous tone alarm
245.	Analytical Balance	Maximum capacity - 220g , readability-0.1mg, Repeatability – 0.1 mg, Minimum weight – 30mg; Pan Size- 90mm Dia., setting time -2s, LCD display, internal adjustment, temperature sensitivity - >3ppm/°C
246.	Single Distillation Unit (Vertical) (Quartz Glass)	Mono Quartz Distillation Unit, Panel Mounted with Quartz



Sl. No.	Particular	Specification
		Boiler & Borosilicate Condenser, vertical model; Output capacity 2.5 l/hr; with Standard Accessories for 3363 - Distillation Apparatus Power Supply (DAPS);
247.	1.5 Ton AC (for AAS room)	1.5 Ton 5 Star Split AC
248.	Refrigerator (275L capacity)	275 L Frost Free Double Door Refrigerator
249.	Microwave (25lt)	28 L Convection Microwave Oven
250.	Mixer grinder	750 W Mixer Grinder
251.	Pen pH meter	Open spear tip point, pH resolution = 0.01 pH, accuracy = ± 0.01 pH, 3 point auto calibration, operating temp = 0 to 50°C, LCD display (dual), battery operated, reputed brand
252.	Pocket tester Conductivity meter	Range = 0 to 20mS/cm, resolution = 0.10 mS/cm, 2 point auto calibration system, , operating temp = 0 to 50°C, LCD display (dual), battery operated, reputed brand
253.	Heating mantle with temperature regulator	MS powder coated aluminium metal body, capacity of 500ml round bottom flask, switch and indicating lamp with energy regulator, max temp of 400°C (approx.)
254.	Hot plate (sand bath)	Top plate size – 24 inchx18 inch, temp range – 150 to 500°C, digital temp display
255.	DSLR camera	24MP digital camera, ith AF-P 18-55 mm f/3.5 – 5.6 G VR kit lens, 16 GB 10x memory card

They are requested to submit quotations mentioning make and specifications. They must quote the price of all the items with GST, inclusive of it, wherever applicable (should be clearly mentioned). The authority will have the right to reject any quotation without showing any reason. For further details please contact with the office of the under signed during office hours (9.30 am to 5.30 pm). Last date of submission is within 5:00 pm of 10th March, 2018.



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(N.C. SAHU)