



कीटनाशक सूत्रीकरण प्रौद्योगिकी संस्थान

सेक्टर - 20, उद्योग विहार, गुरुग्राम - 122 016 (हरियाणा)

Institute of Pesticide Formulation Technology

Sector-20, Udyog Vihar, Gurugram – 122 016 (Haryana)

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NOTICE INVITING THE PROPOSAL FOR CARRYING OUT CALIBRATION SERVICES UNDER RATE CONTRACT

Institute of Pesticide Formulation Technology (IPFT) is a Research Institute invites proposal **latest by 16.12.2021** from the Certified Agencies for carrying out the calibration of various lab equipments/instruments as per the schedule and range as specified in Annexure-I within specified time interval under Rate Contract for the period upto 30.08.2022 extendable further for period of one year on the same terms and conditions after approval of the Competent Authority on the following terms and conditions which would be binding on all parties :

1. Certified & Registered parties/agencies may send their proposals in **Sealed Envelop Superscribed “Proposal for Calibration Services of various Lab Equipments/Instruments under Rate Contract”** along with prices/charges per equipment/per calibration with job completion period in days, taxes, etc.
2. Certified & Registered parties/agencies will only eligible to be considered for Calibration Services of various Lab Equipments/Instruments under Rate Contract.
3. The parties/agencies should send documents of registration with a copy of Certification, Income Tax PAN No., GST No. and Bank Account details.
4. No Delivery/Collection/Transportation charges of equipments/instruments shall be borne by Institute.
5. The period of contract will be **upto 30.08.2022** from the date of award but it can be extended for another period of one year by the Competent Authority in the same terms and conditions.
6. A Security Deposit of ₹ 5,000/- (Rupees Five Thousand only) in the form of Demand Draft / Banker's Cheque in favour of **“Institute of Pesticide Formulation Technology”** payable at Gurugram should be attached with proposal without which proposal will not be considered.
7. The Security Deposit (SD) will be forfeited if the services are not provided/completed within the stipulated time or if not as per the specifications/ranges of the equipments. If not forfeited, the SD will be refunded after period of Rate Contract is over.
8. All rights are reserved with the Institute Authority to accept or reject all or any of the proposal without assigning any reasons thereof.

**DIRECTOR
IPFT, GURUGRAM**

ANNEXURE-I

S.No.	Instrument	Make	Instrument ID	Date of Purchase	Calibration	Parameter	Range	Least count
1	FTIR Spectrometer	Thermo Fisca Nicolet iS50FTIR	IPFT/AD/ID/09	May, 2009	Yes	Absorbance/Transmittance	7899 cm ⁻¹ to 2.53 cm ⁻¹	Better than 0.005 percent
2	UV-VIS-Spectrophotometer	Lab India/UV 3000+	IPFT/AD/ID/10	January, 2016	Yes	Absorbance/Transmittance	190nm to 1100nm	± 0.001 to ±0.006
3	Analytical Open Pan Balance	Sartorius/CPA 2202S	IPFT/AD/ID/11	December, 2008	Yes	gram	0 - 2200g	0.01g
4	Analytical Precision Balance	Mettler Toledo/Excellence plus(XP205)	IPFT/AD/ID/12	January, 2015	Yes	milligram	0 - 200000.1 mg	0.1mg
5	Ultra micro Balance	RADWAG/UYA 2.4Y	IPFT/AD/ID/13	January, 2019	Yes	milligram	0.001 microg - 2g	0.1µg
6	Analytical Balance	Aczet/CY224C	IPFT/AD/ID/14	December, 2018	Yes	gram	up to 220g	0.0001 g
7	Abels Flash Point Apparatus	Anton Paar/ABA-4	IPFT/AD/ID/15	May, 2019	Yes	temp	up to 250°C	0.1°C
8	Melting Point Apparatus	Neumann & Millar/NM-230	IPFT/AD/ID/16	August, 2018	Yes	temp	upto 150 °C	0.1 °C
9	Karl fisher	Metrohm/831 KF Coulometer	IPFT/AD/ID/17	June, 2010	Yes	moisture ppm	100 ppm	1
10	Abel flash point Apparatus	Testing Instrument Mfg. Company	IPFT/AD/ID/18	June, 2017	Yes	temp	20 to 165°C	0.1°C
11	Hot air oven	Ocean Life Science Corporation/OLSC-122-3	IPFT/AD/ID/19	April, 2018	Yes	temp	upto 250°C	0.1 °C
12	BOD Incubator	Macro Scientific Work Pvt. Ltd./MAC-IUD-HB-10-BOD	IPFT/AD/ID/20	August, 2018	Yes	temp	5 °C to 50 °C	0.1 °C
13	pH Meter	Hanna Instruments/Hi-2215	IPFT/AD/ID/21	September, 2012	Yes	pH	0-14	0.01
14	RO-TAP Sieve Shaker	Zeal International/TH-6000 (At 1440rpm)	IPFT/AD/ID/22	2008	Yes	time	upto 99 minutes	1 minutes
15	Dustinometer	Global Corporation Mumbai	IPFT/AD/ID/23	October, 2018	Yes	LPM	0 to 20 LPM	1 LPM
16	Roller Bank System	Global Corporation Mumbai	IPFT/AD/ID/24	October, 2018	Yes	Roll	upto 1000 counts	1 counts
17	Magnetic Stirrer	TARSON/SPINOT MC-02	IPFT/AD/ID/25	2010	NA			
18	Sonicator	Biogenix/BS/US/14L	IPFT/AD/ID/26	October, 2018	NA			
19	Vacuum Pump	GAST Manufacturing INC./ Model DOA-PS04A-BN	IPFT/AD/ID/27	September, 2018	NA			
20	Vortex	Tarson	IPFT/AD/ID/28	March, 2019	NA			
21	Rotary Vacuum Evaporator	M/S BUCHI India Pvt. Ltd./RE1000327105	IPFT/AD/ID/29	September, 2018	Yes	temp	30 - 95 °C	1 count
22	Stop Watch	SD Fine/SWACI	IPFT/AD/ID/30	NA	Yes	time	0 - 24 hrs	0.01 sec
23	Peristaltic pump	Umigenetics Instrument Pvt. Ltd./B1600SV2-CL	IPFT/AD/ID/31	March, 2017	NA			
24	Water Bath	A'CE	IPFT/AD/ID/32	December, 2011	Yes	temp	upto 100°C	0.1°C
25	Rotospin	Tarson	IPFT/AD/ID/33	March, 2019	NA			
26	Nitrogen Concentrator	PCI Analytics Pvt. Ltd./EV-PLUS-08	IPFT/AD/ID/34	July, 2018	Yes	temp	upto 100°C	0.1°C

27	Centrifuge	REM-3C PLUS	IPFT/AD/ID/35	September, 2018	Yes	Rpm	0- 5000 °C RPM	10 RPM
28	Mixer grinder	Sujata/Dynamix	IPFT/AD/ID/36	February, 2019	NA			
29	Micro Pipette (100-1000 µl)	Eppendorf India Limited/Eppendorf Research plus	IPFT/AD/ID/38	September, 2018	Yes	µl	100 - 1000 µl	1 µl
30	Micro Pipette (1-10 ml)	Eppendorf India Limited/Eppendorf Research plus	IPFT/AD/ID/39	September, 2018	Yes	ml	1 - 10 ml	0.01 ml
31	Micro Pipette (20-200 µl)	Eppendorf India Limited/Eppendorf Research plus	IPFT/AD/ID/40	September, 2018	Yes	µl	20 - 200µl	0.2µl
32	Micro Pipette (2-20 µl)	Eppendorf India Limited/Eppendorf Research plus	IPFT/AD/ID/41	September, 2018	Yes	µl	2 - 20 µl	0.2 µl
33	Test Sieve (TS - 1; 45 µm)	Sethi/MIC -45	IPFT/AD/ID/42	2015	Yes		45 µm	
34	Test Sieve (TS - 2; 75 µm)	Cole Parmer/ASTM-(E-11. No. 200)	IPFT/AD/ID/43	2017	Yes		75 µm	
35	Refrigerator	Samsung/RT37M538S8 TL/2017	IPFT/AD/ID/44	2017	Yes	temp	2 °C - 8°C	(-75 - 23°C
36	Micro Pipette (100-1000 µl)	Eppendorf India Limited/Eppendorf Research plus	IPFT/AD/ID/46	September, 2018	Yes	µl	100 - 1000 µl	1 µl
37	Micro Pipette (20-200 µl)	Eppendorf India Limited/Eppendorf Research plus	IPFT/AD/ID/47	September, 2018	Yes	µl	20 - 200 µl	0.2 µl
38	Micro Pipette (2-20 µl)	Eppendorf India Limited/Eppendorf Research plus	IPFT/AD/ID/48	September, 2018	Yes	µl	20 - 200 µl	0.2 µl
39	Orbital Shaker	Infors HT/Orbitron	IPFT/AD/ID/49	March, 2012	Yes	RPM	20 - 520	1 RPM / time upto 99 minutes least cal 1 minutes
40	Test Sieve	Sethi/BSS-14	IPFT/AD/ID/50	2015	Yes			
41	Test Sieve	Sethi/BSS-36	IPFT/AD/ID/51	2015	Yes			
42	Thermo hygrometer	HTC/288-ATH	IPFT/AD/ID/52	2018	Yes	OC/RH	0 -50 °C 20 -90 %RH	0.1°C / 1% RH
43	Thermo hygrometer	Digitense/20250-30	IPFT/AD/ID/53	March, 2019	Yes	OC/RH	0 -50 °C 20 -90 %RH	0.1°C / 1% RH
44	Thermo hygrometer	Digitense/20250-30	IPFT/AD/ID/54	March, 2019	Yes	OC/RH	0 -50 °C 20 -90 %RH	0.1°C / 1% RH
45	Thermo hygrometer	Digitense/20250-30	IPFT/AD/ID/55	March, 2019	Yes	OC/RH	0 -50 °C 20 -90 %RH	0.1°C / 1% RH
46	Glass Thermometer	Glass	IPFT/AD/ID/56	2010	Yes	TEMP	(-10°C to 50°C	0.5 ° C
47	Glass Thermometer	Glass	IPFT/AD/ID/57	2010	Yes	TEMP	0 - 360 °C	1°C
48	Glass Thermometer	Glass	IPFT/AD/ID/58	2010	Yes	TEMP	0 - 250 °C	1°C
49	Oil Bath	JSGW	IPFT/AD/ID/59	2009	Yes	TEMP	up to 100° C	0.1 °C
50	Thermo hygrometer	HTC/288-ATH	IPFT/AD/ID/60	2018	Yes			

51	Water Purification system	Indior	IPFT/AD/ID/61	March, 2021	NA		
52	Test Sieve(40 µm)	Cole Parmer	IPFT/AD/ID/62	March, 2021	Yes	micrometre	40µm
53	Test Sieve(60 µm)	Cole Parmer	IPFT/AD/ID/63	March, 2021	Yes	micrometre	60µm
54	Test Sieve(80 µm)	Cole Parmer	IPFT/AD/ID/64	March, 2021	Yes	micrometre	80µm
55	Test Sieve(100 µm)	Cole Parmer	IPFT/AD/ID/65	March, 2021	Yes	micrometre	100µm
56	Digital Bulk Density Apparatus	Vinsyst Technologies/ VTD-2	IPFT/AD/ID/66	March,2021	NA		
57	Data Logger	Advance Tech India Pvt. Ltd./ ATM DL-06	IPFT/AD/ID/67	March, 2021	Yes	temp	
58	Data Logger	Advance Tech India Pvt. Ltd./ ATM DL-06	IPFT/AD/ID/68	March, 2021	Yes		(-40 to 60) C
59	Low Temperature Bath Circulator	Hahnshin Scientific Corporation	IPFT/AD/ID/69	2010	Yes	temp	0-95 degree C
60	Test Sieve-16	Sethi/BSS-16	IPFT/AD/ID/70	July, 2021	Yes		16
61	Test Sieve-30	Sethi/BSS-30	IPFT/AD/ID/71	July, 2021	Yes	pore size	30
62	Test Sieve-ASTM-14	Scientific Equipment Works	IPFT/AD/ID/72	2012	NA		
63	pH Meter	Labtronics /LT-50	IPFT/AD/ID/73	August, 2021	Yes	pH	0-14
64	Analytical Precision Balance	Sartorius/CPA225D	IPFT/TC/ID/01	29-Jan-21	Yes		0.01
65	Thermo hygrometer	HTC	IPFT/TC/ID/02	24-Nov-20	Yes	temp	0-220g 0-50 °C 0.1 °C
66	Thermo hygrometer	HTC	IPFT/TC/ID/03	24-Nov-20	Yes	temp	20-90 RH % RH 1%
67	Thermo hygrometer	HTC	IPFT/TC/ID/04	24-Nov-20	Yes	temp	0-50 °C RH 1%
68	Thermo hygrometer	HTC	IPFT/TC/ID/05	24-Nov-20	Yes	temp	0-50 °C RH 1%
69	Ultra low temperature freezer	Haier Biomedical/DW-86L338	IPFT/TC/ID/06	March, 2018	Yes	temp	0-50 °C 20-90 RH % RH 1%
70	Refrigerator	Vestfrost/EKG 371	IPFT/TC/ID/07	September, 2018	Yes	temp	(-)40 to 0°C 1° C
71	Refrigerator	Samsung/RT29HAYASA/TL/2014	IPFT/TC/ID/08	March, 2017	Yes	temp	2 ° C to 15° C / (-) 0.5 °C
72	Micropipette(100-1000µL)	Eppendorf India Limited/Research Plus	IPFT/TC/ID/09	September, 2018	Yes	temp	20- 0° C 0.5 °C
73	Micropipette (20-200 µL)	Eppendorf India Limited/Research Plus	IPFT/TC/ID/10	September, 2018	Yes	µl	100 - 1000 µl 1µl
74	Micropipette (2-20µL)	Eppendorf India Limited/Research Plus	IPFT/TC/ID/11	September, 2018	Yes	µl	20-200µl 0.2 µl
75	Refrigerator	Whirlpool/IF515 D/2020	IPFT/TC/ID/12	12-Jan-21	Yes	µl	2-20µl 0.02 µl
76	Open Pan Balance	Maruti Instrument Company/MCT-D5K-	IPFT/TC/ID/13	22-Jan-21	Yes	LPM	6- 8 ° C /
77	Standard Weights	Weightronics/NA	IPFT/TC/ID/14	22-Jan-21	Yes	LPM	(-)10 °C-0°C / upto 5000g 0.1 g
78	Micropipette (100-1000µL)	Tarson/Accupipet	IPFT/TC/ID/15	September, 2018	Yes	gram	0.001g-200 gram 0.1 gram
					Yes	µl	100 1000µl 1µl

79	Micropipette (20-200 µL)	Tarson's ccupipet	IPFT/TC/ID/16	September 2018	Yes	µl	20-200µl	0.2µl
80	Monochromatic Light	NA	IPFT/TC/ID/17	28-Dec-20	NA			
81	Data Logger	Advance Tech India Pvt. Ltd./ ATM DL-06	IPFT/TC/ID/18	March, 2021				
82	Data Logger	Advance Tech India Pvt. Ltd./ ATM DL-06	IPFT/TC/ID/19	March, 2021	Yes			
83	Data Logger	Advance Tech India Pvt. Ltd./ ATM DL-06	IPFT/TC/ID/20	March, 2021	Yes			
84	Thermo hygrometer	JAISBO	IPFT/AR/ID/01	24-Nov-20	Yes	temp	(-40 to 60) C	1 degree C
85	Thermo hygrometer	JAISBO	IPFT/AR/ID/02	24-Nov-20	Yes	temp/humidity		
86	Refrigerator	Samsung, RT37M538S8/TL/2017	IPFT/AR/ID/03	2017	Yes	temp	2 ° C to 15° C/ (-	
87	Refrigerator	Whirlpool/IF 515D/2020	IPFT/AR/ID/04	2021	Yes	temp	20- 0° C	0.5 degree C
88	Data Logger	Advance Tech India Pvt. Ltd./ ATM DL-06	IPFT/AR/ID/05	March, 2021	Yes	temp	(-40 to 60) degree C	1 degree C
89	Data Logger	Advance Tech India Pvt. Ltd./ ATM DL-06	IPFT/AR/ID/06	March, 2021	Yes	temp	(-40 to 60) degree C	1 degree C
90	Glasswares	Volumetric flask, Measuring cylinder etc.			Yes			