

**ALL INDIA NETWORK PROJECT ON PESTICIDE RESIDUES  
DIRECTORATE OF RESEARCH, RESEARCH COMPLEX BUILDING  
DEPARTMENT OF AGRICULTURAL CHEMICALS  
KALYANI-741 235, WEST BENGAL, INDIA**

**From:**  
**Dr. Hemanta Banerjee**  
**Reader & Officer-In- Charge**



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Ref. No. AINP/BCKV/44/ 10-11

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**QUOTATION FOR THE PURCHASE OF THE LISTED ITEMS**

The following items with specification listed below are required for AINP on Pesticide Residue Laboratory, Directorate of Research, Research Complex Building, Kalyani-741235. The interested enlisted vendors, Authorized dealers, Reputed Organization and Manufacturers are requested to submit the quotation on or before **31.07.10** by 5PM in a **sealed envelope** addressed to Dr. Hemanta Banerjee, Reader & OIC, AINP on Pesticide Residues, Directorate of Research, Research Complex Building, Kalyani-741235, mentioning the **Group (A – C) & item no.** positively on the top of the envelope. In case of Manufacturer, a Manufacturing certificate is essential or a certificate of the authorized agent from the manufacturer is required. The Central Purchase Committee reserves the right to reject any or all quotations without assigning any reasons. Delivery and Installation charges are free of cost. The rate must be given along with % VAT.

<b>Group A</b>		
	<b>Material</b>	<b>Specification</b>
1	Primary Secondary Amine Bulk Sorbent (100 g), Agilent Technologies	Part no. 5982-5753
2	Carbon SPE Bulk sorbent (25 g), Agilent Technologies	Part no. 5982-4482
3	Capillary column nut 1/16"	for Varian Make Saturn 2200 GC-MS
4	1/16" x 0.4 mm Graphite/ vespel ferrule	for Varian Make Saturn 2200 GC-MS
5	Carrier gas pencil filter	for Varian Make Saturn 2200 GC-MS
6	Split line Pencil filter	for Varian Make Saturn 2200 GC-MS
7	1/16" SS tube for HPLC	For Agilent Make HPLC 1200 model
8	Nuts and ferrule for 1/16" SS tube	For Agilent Make HPLC 1200 model
9	Frit for HPLC	For Agilent Make HPLC 1200 model
10	Deut. lamp, 1100/1200DAD/MWD Inglife-A (P/no.2140-0813)from Agilent Technologies.	For Agilent Make HPLC 1200 model
11	Deut. lamp, L6903 with box(P/no.G1314-60100) from Agilent Technologies.	For Agilent Make HPLC 1200 model
12	SS Capillary 400 x 0.17 mm, m/m, ps/ps	For Agilent Make HPLC 1200 model
13	Heater sensor assembly	For Agilent Make GC-ECD (Model 6890N)
14	Heater sensor assembly for Split-Splitless Inlet	For Agilent Make GC-ECD (Model 6890N)

15	HPLC Solvent Filter Paper	Nylon 6.6 menbrane, 0.2 µm, 47mm Pall Make, P/N NR047100
16	Thermo Green Septum (50/pkt)	Cat No. 221-35507-02
17	Vespel Ferrule (0.25 )	Cat No. 670-15003-03
18	O-Ring , 5/pkt	Cat No. 036-11203-84
19	Split Glass Insert	Cat No. 221-41444-01
20	Molecular Sieve	Cat No. 221-34121-93
21	MS Nut	Cat No. 670-11009
22	10ul Syringe	Cat No. 221-34618
23	Large Septum for 4ml,16pcs/pkt	Cat No. 221-34266-91
24	Oil Ultragrade 19 for RP Edwards Pump	Cat No. 017-30163-02
25	Grind Stone, SI Point 12/pkt	Cat No. 670-18701-01
26	Scotchbrite	Cat No. 085-35124-03
27	O2 trap	Cat No. 221-46985-91
28	MS-5A Trap	Cat No. 221-05619-01
29	Rotor Seal	Cat No. 7125-047
30	Trap, O2/H2O, 1/8"(P/no.OT3-2)	Agilent Technologies,USA
31	Single Position Baseplate/Manifold(P/no.5182-0815)	Agilent Technologies,USA
32	Triple Filter Cartridge(P/no.5182-9705)	Agilent Technologies,USA
33	Screw cap vials, clear(100/PK)(P/no.5182-0714) from Agilent Technologies,USA	Agilent Technologies,USA
34	PTFE/Red Rubber Septa (9mm) (pk/100)	(P/no.SCS-09-1)
35	8mm Red PTFE/Silicone Septa (pk/100)	(P/no.SCS-08-2)
36	250mm x 4.6 mm ID x 5 um SB-C18 Analytical HPLC Column(P/no.880975-902)	Agilent Technologies,USA
37	12.5mm x 4.6 mm ID x 5 um SB-C18 Guard Cartridges(Pk/4)(P/no.820950-920)	Agilent Technologies,USA
38	High Perf. Zorbax Guard Fittings Kit Cartridges(P/no.820888-901)	Agilent Technologies,USA
39	Syringe, 500 uL,FN, LC tip(P/no.5190-1522)	Agilent Technologies,USA
40	1mL capacity Hamilton Syringe 1001 TLL	(P/no.81320)
41	10mL capacity Hamilton Syringe 1010 TLL	(P/no.81620)
42	FingerTight I PEEK(10pk)(P/no.F-120X)from Upchurch Scientific	
43	Non-Stick BTO Inlet septa 11mm (100 pk) (P/no.5183-4757-100)	Agilent Technologies,USA
44	0.5mm Id Ferrule Graphite,0.32mm column ID (10/PK)(P/no.5080-8853)	Agilent Technologies,USA
45	0.4mm Id Ferrule Graphite,0.32mm column ID (10/PK)(P/no.500-2114)	Agilent Technologies,USA
46	Septa BTO Shimadzu (50/pk)	(P/no.298735)
47	1/16" to 0.4mm V/G Ferrule (10/pk)	(P/no.213104)
48	1/16" to 0.5mm V/G Ferrule (10/pk)	(P/no.213105)
49	Rubber Hand Gloves RNF 15 Super Nitrile	Rubberex, Size 11

<b>Group B</b>		
1	Weight Box – calibrated with NABL accredited certificate	K.Roy, 200 gm to 10 mg
2	Volumetric flask - calibrated with NABL accredited certificate	Borosil®, 50 ml cap.
3	Glass pipette - calibrated with NABL accredited certificate	Borosil®, 10 ml
4	Thermometer- calibrated with NABL accredited certificate	0 and 100°C
5	Micropipette 1 to 5 ml, calibrated with NABL accredited certificate	Make : Brand, Germany
6	Micropipette 0.001-1.0 ml, calibrated with NABL accredited certificate	Make : Brand, Germany
7	Separatory funnel 1 Litre capacity of Borosilicate glass	for Separatory Funnel Shaker (Model: Yamoto make, SA 400)
8	Eppendorf Research adjustable volume Pipettes, 500-5000 mL capacity with user friendly Calibration technique, calibrated with NABL accredited certificate	Part No. 3111000173EP
9	Eppendorf Research adjustable volume Pipettes, 1-10 mL capacity with user friendly Calibration technique , calibrated with NABL accredited certificate	Part No. 3111000181EP
10	Tips for Eppendorf Research adjustable volume Pipettes, 500-5000 mL	Part No. 0030000978EP
11	Tips for Eppendorf Research adjustable volume Pipettes, 1-10 mL capacity	Part No. 0030000765EP

<b>Group C</b>		
1	Hexane	JT Baker, 4 Lit
2	Acetone	JT Baker, 4 Lit
3	Ethyl acetate	JT Baker, 4 Lit
4	Acetonitrile	JT Baker, 4 Lit
5	Methanol	JT Baker, 4 Lit
6	Water	JT Baker, 4 Lit
7	Dichloromethane	JT Baker, 4 Lit
8	n-Hexane for liquid chromatography LiChrosolv 1.04391.4000	EMERCK, Germany , 4 Lit
9	Acetone for Gas Chromatography SupraSolv 1.00012.2500	EMERCK, Germany , 2.5 Lit
10	Ethyl Acetate for Gas Chromatography SupraSolv 1.04371.1000	EMERCK, Germany 2.5 Lit
11	Acetonitrile gradient grade for liquid chromatography LiChrosolv 1.00030.4004	EMERCK, Germany , 4 Lit
12	Methanol gradient grade for liquid chromatography LiChrosolv 1.06007.4004	EMERCK, Germany , 4 Lit
13	Water for chromatography LC-MS and UPLC/UHPLC LiChrosolv 1.15333.2500	EMERCK, Germany 2.5 Lit
14	Magnesium sulfate anhydrous	E. Merck, Germany
15	Sodium sulfate anhydrous (pure)	5 kg, SRL
16	Toluene	AR grade, Rankem
17	Cyclohexane	AR grade, Rankem
18	Hexane	AR grade, Rankem
19	Acetone	LR Grade, Rankem
20	Ethyl acetate	AR grade, Rankem
21	Acetonitrile	AR grade, Rankem
22	Methanol	AR grade, Rankem
23	Dichloromethane	AR grade, Rankem
24	Ammonium acetate	Extra pure, for LC-MS

**Copy for display in the notice board as per list:**

1. The Director of Research, BCKV, Kalyani
2. The Dean, F/Agriculture, BCKV, Mohanpur
3. The Dean, F/Horticulture, BCKV, Mohanpur
4. The Dean, F/Agril. Engineering, BCKV, Mohanpur
5. The Head, Dept of Agril. Chemicals, BCKV, Mohanpur
6. The Comptroller, BCKV, Mohanpur
7. BCKV Website

**HEMANTA BANERJEE**