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**CENTRAL POLLUTION CONTROL BOARD
502 Southend Conclave,
1582 Rajdanga Main Road, Kolkata - 700107**

No. EZO/TECH/F-405/C&G/

419

Date: 26.07.2016

To,

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Sub: Quotation for purchasing of Laboratory Glassware reg.

Sir,

Sealed Quotation are invited for rate contract for the year 2016-2017 from different Manufacturing Companies having Certificate as per ISO 9001 : 2008 for purchasing of Laboratory Glassware for CPCB's analytical laboratory with the specifications according to the standards and grades Class-A & B for analytical applications. The Glassware which should offers maximum inertness when in contact with the widest range of chemical substances and also can withstand thermal shock without fracture and high temperature work without deforming. Glass having low co-efficient of thermal expansion and the strain point will be at 515°C. Glass should be a low alkali borosilicate Type 3.3 glass. Class – A Type glass should be supplied accompanying with works Certificate.

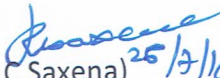
The Terms and Conditions are given below and the same should be submitted to this Office on or before August 27, 2016. The Items are provided in a separate Sheet. The Manufacturing companies should mention their maximum discount on purchase and their authorized distributors at Kolkata.

Terms and Condition:

1. Sealed envelope containing Tender/Quotation Should mention for which quotation is placed with reference number, The envelope should be dropped in the Office tender box or handed over to the Security personnel posted at this Office or sent through Registered Post.
2. Rate must be submitted along with S.T. No., C.S.T.No., Vat No. Etc.
3. Item which meets the above minimum specification only will be accepted. The firms are expected to quote the name and make that meet our minimum specifications.

4. The specification/grades are mentioned above for the Glassware and the material of the same specification will only be accepted. You have to supply full quantity of the material mentioned in the tender/quotation. Please ensure that the specifications are strictly followed by you.
5. The Tender/quotation will be dropped by you at **Central Pollution Control Board, Zonal Office Kolkata**, in the above said address. The entire responsibility during transit will be yours.
6. All the charges including Tax, Vat etc. Should be mentioned in the Tender/Quotation. No other charges will be accepted during the supply of the material.
7. Competent authority in the Board reserved the right to accept or reject any/ all tenders/quotation without assigning any reasons thereof.
8. Typographical and clerical errors are subject to correction.
9. In the event of any dispute the decision of the Chairman, Central Pollution Control Board will be final and binding upon both the parties.

Yours faithfully,


(R C Saxena) 25/7/16

Sc-'E'&Incharge

Encl: as above

Copy to:

1. Notice Board, CPCB, ZO-Kolkata
2. Purchase Committee
3. Office copy
4. ✓ Master copy

List of Glassware

Sl. No.	Item	Capacity (ml/mm)	Grade
1	Autoclavable Bottle, Screw Cap	10,100,250,500	-
2	Boiling Flask with interchangeable joint, 14/23,19/26, 24/29, 29/32	500	-
3	Boiling Flask Round Bottom interchangeable joint, 19/26, 24/29, 29/32,34/35, 45/40, 55/44	1000	-
4	Beaker (Low Form,With Spout,Double Graduated)	10, 25, 50, 100, 250, 500, 1000, 2000, 5000	-
5	Bottles BOD with interchangeable Stopper	300	-
6	Bottles Reagent, Plain narrow mouth with glass Stopper	50, 60, 125, 250, 500, 1000, 2000	-
7	Bottles Reagent, Amber narrow mouth with glass Stopper	50, 60, 125, 250, 500, 1000, 2000	-
8	Bottle (Plastic coated with PP screw Cap	50, 100, 250, 500, 1000, 2000	
9	Burette Straight Bore, PTFE Stopcock	50	A
10	Burette Rotaflow Needle valve PTFE Stopcock, with Individual Certificate	50	A
11	Burette (st. bore stopcock)	10, 25, 50, 100	A
12	COD Digestion tube with 100 ml marking	200	-
13	Codenser allihn, interchangeable inner & outer joint	Overall height 300, 350, 450 mm	-
14	Codenser Graham, Coiled Distillate Type interchangeable inner & outer joint	Overall height 300, 400 mm	-
15	Conical Flask Erlenmeyer, Narrow Mouth	100, 250, 500, 1000	-
16	Conical Flask Erlenmeyer, Narrow Mouth with Glass Stopper	100, 250, 500, 1000	
17	Conical Flask Erlenmeyer, Wide Mouth	100, 250, 500, 1000	
18	Conical Flask with PP Screw Cap	100,1000	
19	Conical Flask with PP Screw Cap Autoclavable	500, 1000	-
20	Conical flask for suction (Glass)	1000	
21	Columns Chromatography PTFE stopcock	500x18 mm	-
22	Cylinder, Graduated with pour out, Hexagonal Base	10, 25, 50, 100, 250, 500, 1000, 2000	A
23	Cylinder, Graduated with pour out, Hexagonal Base with Schellbach Stripe	10, 25, 50, 100, 250, 500, 1000, 2000	A
24	Cylinder, Graduated with Penny Head glass stopper, Hexagonal Base	1000	A
25	Centrifuge Tube, Graduated	15, 50	
26	Distillating Apparatus (with Graham Condenser)	500, 1000	-

Sl. No.	Item	Capacity (ml/mm)	Grade
27	Dessicator (Glass) with porcelien plate	200, 300	
28	Dessicator (Glass) Vacuum with porcelien plate	200, 300	
29	Extraction Apparatus	60, 200	
30	Funnel Short Stem	125, 150, 200 (mm dia)	
31	Flask round bottom with I/C Joint, 24/14, 21/19, 19/14, 19/19	1000	-
32	Flask, Round Bottom, Three Neck with interchangeable joint, 24/14, 21/19, 19/14, 19/19	1000	-
33	Impinger	35	-
34	Kjeldahl RB Flask Long Neck with interchangeable joint B 24/29	800	-
35	Porcelien Plate for Desiccators	200, 300	-
36	Pipette (Volumetric)	4, 5, 10, 15, 20, 50	A
37	Pipette (Graduated)	1, 2, 5, 10, 20, 25	A
38	Micropipettes, Variable volume, single Channel, with Individual work Certificate	0.5-10 µl, 50-200 µl, 100-1000 µl	
39	Soxhlet appts. with I/C Joint Top 40/38, 50/42 & bottom 24/29	100 ml, 200 ml	-
40	Separating Funnel, Pear Shape, Glass stopper with PTFE Key	250, 500, 1000	-
41	Silica Crucible (with engraved high Temp. resistant Serial Number)	150	-
	Silica Crucible	150	
42	Quartz Crucible (with engraved high Temp. resistant Serial Number)	150	
	Quartz Crucible	150	
43	Stirrer Glass Rd	7X305, 9X305	
44	Test tubes without Rim	15 X 150, 25 x 150 (mm Length)	-
45	Volumetric Flask with Glass Stopper	2, 5, 10, 25, 50, 100, 250, 500, 1000	A
46	Volumetric Flask, Amber with Glass Stopper	2, 5, 10, 25, 50, 100, 250, 500, 1000	A
47	Weighing Bottle tall form	5, 15, 25	-
48	Weighing Bottle squat form	20, 40	-
49	Watch Glass	80, 100, 120, 125, 150	-
50	Water Suction Pump (Filter pump), Glass	NA	-
51	Glass Beads	1 kg	-
52	Petridish glass	200X20, 100X17, 150X20	-

NB: rate contract may be included also for the other product of the Company and may be procured as and when required.