

RAJIV GANDHI CENTRE FOR AQUACULTURE (RGCA)
*(A society of Marine Products Export Development Authority
Ministry of Commerce & Industry, Govt. of India)*

Reference No: RGCA/PROJ/2025/RC01

Date of Issue: 01/08/2025

RFQ Document

For Rate Contract of Supply of Aquaculture Consumables

1. INTRODUCTION

Rajiv Gandhi Centre for Aquaculture (RGCA) invites sealed quotation from eligible and qualified suppliers in the prescribed format for entering into a Rate Contract for the supply of Aquaculture Consumables required for its various aquaculture projects located across India.

2. SCOPE OF WORK

The selected suppliers will be required to supply consumables including, but not limited to, Chemicals, Lab Reagents, Diagnostic Kits, Glassware, Plastic ware, and other related materials as per the specifications detailed in the annexures.

3. ELIGIBILITY CRITERIA

- The bidder must be a registered entity in India (Proprietorship, Partnership, Pvt. Ltd., etc.)
- Minimum 3 years of experience in supply of Scientific/Aquaculture/Laboratory consumables.
- Average annual turnover of at least Rs. 20 lakhs in the last three financial years.
- Not blacklisted by any Government or Public Sector organization.

4. INSTRUCTIONS TO BIDDERS

4.1 Bid Submission Guidelines

- **Mode:** Physical submission by Post / Courier only. No email or hand delivery allowed
- Bidders must submit their bids in two parts:
 - **Technical Bid:** Includes all eligibility and qualification documents.
 - **Financial Bid:** Includes price quotations **only for the items available**, strictly in the **prescribed format**.
- All pages of both the Technical and Financial Bids must be **duly signed and sealed** by the authorized signatory of the bidding entity.

- **Envelope Superscription:** “Quotations for the supply of Aquaculture Consumables - Chemicals / Glassware / Plasticwares / Feeds / Probiotics and Others”

5. EVALUATION PROCESS

- **Item-wise evaluation** will be conducted based on availability and applicability of items quoted.
- **Lowest responsive bidder (L1)** will be determined for each individual item.
- Technical Bids will be opened and evaluated first.
- Only **technically qualified bidders** will be considered for Financial Bid opening.

6. AWARD AND POST-AWARD PROCEDURES

- Final results will be communicated via email to the successful bidders
- No separate intimation will be sent to unsuccessful bidders.
- Successful bidders must execute a formal **Rate Contract Agreement with RGCA**
- **Purchase Orders (POs)** will be issued from RGCA HO or Project units as per the requirement
- Suppliers must confirm delivery timelines within **2 working days** of PO receipt
- **Failure to comply** may result in cancellation, forfeiture, and blacklisting
- Suppliers are expected to maintain stock levels and ensure timely supply to the designated project sites as per the agreed terms.

7. TERMS AND CONDITIONS

7.1 Validity

- The rate contract shall be valid for one year from the date of agreement. The contract may be extended further on mutual agreement, subject to the existing terms, conditions, and rates
- The prices quoted shall remain firm during the contract period.

7.2 Delivery

- The delivery period shall not exceed 15 days from the date of purchase order.

7.3 Transportation Charges

- Freight or transportation charges, if any, will be **reimbursed at actuals**, subject to **submission of valid supporting documents**.

7.4 Payment Terms

- 100% payment will be made within 30 days from receipt and acceptance of goods.
- Payment will be made through NEFT/RTGS only.

7.5 Penalty for Delay

- Delay in delivery will attract a penalty of 0.5% per week, subject to a maximum of 5% of order value.

7.6 Termination of Contract

- RGCA reserves the right to terminate the contract in case of non-performance or breach of terms.

7.7 Arbitration

- In case of disputes, arbitration shall be conducted in accordance with the provisions of the Indian Arbitration and Conciliation Act, 1996 and its subsequent amendments.
- The jurisdiction for all legal proceedings shall be the courts located at Sirkazhi-Mayiladuthurai, Tamil Nadu only.

8. DOCUMENTS TO BE SUBMITTED

- Covering Letter
- Company Registration Certificate
- PAN, GST Registration
- Past Experience (Work Orders/Completion Certificates)
- Audited Financial Statements (Last 3 years)
- Self-declaration of not being blacklisted by any Government/PSU/autonomous body
- List of items with specifications (Technical Bid)
- Price Bid (in separate sealed envelope)

9. ANNEXURES

- **Annexure I:** List of Aquaculture Consumables
- **Annexure II:** Technical Bid Format
- **Annexure III:** Financial Bid Format
- **Annexure IV:** List of RGCA Project Locations

Date of Issue: 01/08/2025

Last Date for Submission: 30/08/2025 before 06:00 PM

Tender Opening Date: 01/09/2025

Rajiv Gandhi Centre for Aquaculture (RGCA)
3/197, Poompuhar Road, Karaimedu Village,
Sattanathapuram Post, Sirkali Tk., Mayiladuthurai Dist.,
Tamil Nadu – 609109, Ph: 04364 – 264200.

LIST OF AQUACULTURE CONSUMABLES

1. CHEMICALS, REAGENTS, PCR & OTHER TEST KITS, HATCHERY/FARM CHEMICALS & WATER PLANT CHEMICALS:

SL. NO.	Name of the materials	Brand/Cat. No.	Quantity Required (Approx.)
I	A. <u>LAB CHEMICALS & REAGENTS</u>		
1	2-Propanol - 500ml	Merck/Loba/Himedia	200
2	2-Propanol - 2.5 lits	Merck/Loba/Himedia	100
3	Acetic acid (500ml.)	Merck/Loba/Himedia	200
4	Acetic acid glacial (2.5 lits.)	Merck/Loba/Himedia	100
5	Acetone (2.5 lits.)	Merck/Loba/Himedia	100
6	Acetone (500ml)	Merck/Loba/Himedia	200
7	Acrylamide -500g (Nos.)	Merck/Loba/Himedia	200
8	Actinomycete isolation agar- 500G	Merck/Loba/Himedia	200
9	Acetocarmine blue (100ml)	Merck/Loba/Himedia	100
10	Aeromonas isolation Agar (500 gm.)	Merck/Loba/Himedia	100
11	Aeromonas selective supplement (5Vails)	Merck/Loba/Himedia	100
12	Agarose (High EEO) RM 187-100 gm	Hi-media/Seakem lonza	50
13	Agarose (Low EEO) -RM273 500 grms	Hi-media/Lonza-5004 - 500gm	50
14	Agarose (Special Low EEO) - 100 grms	Hi-media/Lonza	50
15	Agarose (Special Low EEO - MB002) - 500 grms	Hi-media-MB002	50
16	Agar Agar-500g	Hi-media-GRM666	100
17	Alkaline cleaning solution - 5 lits.	Himedia/HS001-5L	100
18	Amikacin (1g)	Himedia/Loba	50
19	Ammonium chloride (500gm)	Himedia-GRM717/Loba	100
20	Ammonium molybdate (500gm)	Merck/Loba/Himedia	100
21	Ammonium Acetate(500gm)	Merck/Loba/Himedia	100
22	Ammonium solution (2.5 lits)	Loba-0002602500	50
23	Ammonium purpurate (25gm)	Molychem-12230	50
24	Ammonium per sulphate -500g	Merck/Loba/Himedia	100
25	Amoxicillin (vial)	Sigma	50
26	Ampicillin sodium salt (1g)	Merck/Loba/Himedia	50
27	Ampicillin-10ml-10mg/20 ml (Nos.)	Merck/Loba/Himedia	50
28	Androde Peptone water (100g.)	Merck/Loba/Himedia	50
29	Anode buffer	Merck/Loba/Himedia	50
30	Arabinose disc (Vails)	Merck/Loba/Himedia	50
31	Arginine Dihydrolase broth (500g.)	Merck/Loba/Himedia	50
32	Astaxantin (500g)	Merck/Loba/Himedia	50

33	Azithromycin (Vail)	Merck/Loba/Himedia	50
34	Bactopur (Cans)	Merck/Loba/Himedia	50
35	Barritte Reagent A (100ml.)	Merck/Loba/Himedia	50
36	Barritte Reagent B (100ml)	Merck/Loba/Himedia	50
37	Batadin Solution (500ml)	Merck/Loba/Himedia	50
38	Bind Sliance-25ml (Nos.)	SIGMA	50
39	D-Biotin (25g)	Merck/Loba/Himedia	50
40	D-Biotin (10g)	Merck/Loba/Himedia	50
41	Bis acrylamide-250g (Nos.)	Merck/Loba/Himedia	50
42	Blood Agar base (500g)	Merck/Loba/Himedia	50
43	Bromocresol green (5g)	Merck/Loba/Himedia	50
44	Boric Acid (500g)	Merck/Loba/Himedia	50
45	Borax Carmine -125ml	Merck/Loba/Himedia	50
46	Bromophenol blue indicator-125ml	Merck/Loba/Himedia	50
47	Boric acid cryst (500g.)	Merck/Loba/Himedia	50
48	Buffer Capsule - pH 4.0(10/pack)	Merck/Loba/Himedia	50
49	Buffer Capsule - pH 7.0(10/pack)	Merck/Loba/Himedia	50
50	Buffer Capsule - pH 10.0(10/pack)	Merck/Loba/Himedia	50
51	Calcium Peroxide (500g)	Merck/Loba/Himedia	50
52	Calcium Chloride Dihydrate	Merck/Loba/Himedia	50
53	Care-P (For Fogger)-(500g)	Merck/Loba/Himedia	50
54	Cathode buffer - 4 pack	Merck/Loba/Himedia	50
55	Cefixime (Vial 5 mcg)	Merck/Loba/Himedia	50
56	Cellobiose (Vails)	Merck/Loba/Himedia	50
57	Cephalexin (1g)	Merck/Loba/Himedia	50
58	Cedar wood oil natural - 100 ml	Merck/Loba/Himedia	50
59	Chloramine-T (250g)	Merck/Loba/Himedia	50
60	Chloramphenicol (Vails 30 mcg)	Merck/Loba/Himedia	50
61	Chloroform (500ml)	Merck/Loba/Himedia	50
62	Cimmons Citrate agar (500g.)	Merck/Loba/Himedia	50
63	Ciprofloxacin (1g)	Merck/Loba/Himedia	50
64	Ciprofloxacin (Vial 5mcg)	Merck/Loba/Himedia	50
65	Cobalt chloride (500g)	Merck/Loba/Himedia	50
66	Conditioning reagent	Merck/Loba/Himedia	50
67	Copper sulphate (500g)	Merck/Loba/Himedia	50
68	Cyanocobalamine- Vitamin-B12 (250mg)	Merck/Loba/Himedia	50
69	Cyanocobalamine- Vitamin-B12 (1g)	Merck/Loba/Himedia	50
70	Cyclopeeze (500g)	Merck/Loba/Himedia	50
71	De Mineralised Water (5 Litres)	Merck/Himedia	500
72	Distilled Water (5 lits)	Nice/Loba	500
73	D-Biotin 97% - 1G	Himedia/Loba	50
74	Dimethyl sulphoxide (DMSO) -100ml	Merck/Loba/Himedia	50
75	DNA Ladder (100bp) (100µl.)	GeneDirex-DM003-R500	50

76	DNA Ladder (100bp) (100µl.)	Thermo-SM0243	50
77	DNA Ladder (50 bp) (100µl.)	GeneDirex/Synergy scientific	50
78	50 bp DNA Ladder	Thermo scientific- BP2570100	50
79	DNA ladder-1Kb (100µl.)	Medox-0910-02	50
80	DNA ladder-1Kb (100µl.)	Thermo-SM0314	50
81	QIAquick DNA Gel Extraction kit -50 preps.	Medox-0605-01	50
82	dNTP Mix – 1ml (25Mm)	GeneDirex/Synergy scientific	50
83	DPD Tablets (Ozone test)	Prerana Laboratory	50
84	DPX mountant (500G)	Himedia-GRM655	50
85	Dyanazyme II Taq DNA polymerase Recombinant (1000)	Thermo-FNZ501L/ EP0402	50
86	Dyanazyme II Taq DNA polymerase (Brasil-500 units)	Thermo - 11615010	50
87	E. coli culture- DH5α	Merck/Loba/Himedia	50
88	EDTA - Titriplex - 100g	Merck/Loba/Himedia	50
89	EDTA - Disodium salt - 500g	Himedia-GRM3915	100
90	EDTA Solution 500ml	Merck/Himedia	100
91	Ethyl acetate - 2.5 lits	Merck/Himedia	100
92	Erichrone Black T indicator -100g (Nos.)	Merck/Himedia-GRM939	50
93	Erythromycin (Vails)	Himedia	50
94	Ethanol (99 % alcohol)(500ml)	Merck/Haymen/Fluka	500
95	Ethanol (99 % alcohol)(500ml)	China	500
96	Exorich (Immunostimulant) (500g)	Merck/Loba/Himedia	50
97	Ferric chloride (500g)	Merck/Loba/Himedia	100
98	Fine powdered Salt (500g)	Merck/Loba/Himedia	100
99	Formamide - 100 ml	Merck/Loba/Himedia	100
100	Formaldehyde (5 Litres)	Merck/Loba/Himedia	200
101	Fructose (Vails)	Merck/Loba/Himedia	50
102	Fungicide (Treflan) (ml)	Merck/Loba/Himedia	50
103	Galactose (Vails)	Merck/Loba/Himedia	50
104	Gasonex (Kg)	Merck/Loba/Himedia	50
105	Glacial Acetic Acid (2.5Litres)	Merck/Loba/Himedia	100
106	Glycerol Purified (500ml.)	Merck/Loba/Himedia	100
107	GS33-Matrix standard (G5 Dye set)	Merck/Loba/Himedia	50
108	Haematoxylin (5g)	Merck/Loba/Himedia	50
109	HCG (Hormone) (Nos.)	Merck/Loba/Himedia	50
110	Hydrochloric acid (HCL-500ml)	Merck/Loba/Himedia)	50
111	HCL Acid (15 - 20 %-Com) 5 Lit.	Merck/Loba/Himedia	200
112	Hi-Di formamide - 25ml	Merck/Loba/Himedia	50
113	Hydrogen peroxide 30% (500ml)	Merck/Loba/Himedia	50
114	Hydrogen peroxide 30% (5 lits)	Merck/Loba/Himedia	50
115	Hichrome vibrio agar - 500G	Merck/Loba/Himedia	50
116	Indole Nitrate medium (100g.)	Merck/Loba/Himedia	50
117	Inositol (Vails)	Merck/Loba/Himedia	50

118	Iodophore (5 lits.)	Merck/Loba/Himedia	100
119	Iodine solution(Povidone)- 500ml	Merck/Loba/Himedia	500
120	IPTG-10mg (Nos.)	Merck/Loba/Himedia	50
121	Isoamyl Alcohol-500ml (Nos.)	Merck/Loba/Himedia	100
122	Isopropanol-500ml (Nos.)	Merck/Loba/Himedia	100
123	Ivermectin (grm)	Merck/Loba/Himedia	50
124	Kovac's Indole reagent (125ml)	Merck/Loba/Himedia	50
125	Lactose (Vails)	Merck/Loba/Himedia	50
126	LB agar-500g (Nos.)	Merck/Loba/Himedia	100
127	LB broth-500g (Nos.)	Merck/Loba/Himedia	100
128	Liquid Paraffin light- 500ml (Nos.)	Merck/Loba/Himedia	50
129	Liquid Paraffin Heavy- 500ml (Nos.)	Merck/Loba/Himedia	50
130	Lysine Decarboxylase broth (100g)	Merck/Loba/Himedia	50
131	Magnesium Chloride-100ml (25mM)	Merck/Loba/Himedia	50
132	Magnesium chloride(500g)	Merck/Loba/Himedia	50
133	Magnesium Suplphate (500g)	Merck/Loba/Himedia	50
134	Maltose (Vails)	Merck/Loba/Himedia	50
135	MacConkey Sorbital Agar base -100g	Merck/Loba/Himedia	50
136	Manganese chloride (500grm)	Merck/Loba/Himedia	50
137	Manganese sulphate-MnSO ₄ (500grm)	Merck/Loba/Himedia	50
138	Mannitol (Vails)	Merck/Loba/Himedia	50
139	Mannose (Vails)	Merck/Loba/Himedia	50
140	Master Mix PCR (160rxn of 1MLX4)	Merck/Loba/Himedia	50
141	Methanol - 2.5 lit(Leishmans stain) (Nos)	Merck/Loba/Himedia	50
142	Methyl Orange Indicator -125ml (Nos.)	Merck/Loba/Himedia	50
143	Methyl red indicator 125ml (Nos.)	Merck/Loba/Himedia	50
144	Methylene blue 125ml (ml)	Merck/Loba/Himedia	50
145	Metochlopramide (grm)	SIGMA	50
146	Microlyse (llit)	Bioshield	50
147	MR- VP medium granulated (500g.)	Merck/Loba/Himedia	50
148	MR- VP medium (500g.)	Merck/Loba/Himedia	50
149	Mueller Hinton Broth (500g.)	Merck/Loba/Himedia	50
150	Mueller Hinton Agar (500g.)	Merck/Loba/Himedia	50
151	Nalidixic acid (Vails)	Merck/Loba/Himedia	50
152	Nitrofurantoin (Vails)	Merck/Loba/Himedia	50
153	Nutrient Agar-500g (Nos.)	Merck/Loba/Himedia	50
154	Nutrient broth-500g (Nos.)	Merck/Loba/Himedia	50
155	ONPG (Vails)	Merck/Loba/Himedia	50
156	Ornithine Decarboxylase broth (100g)	Merck/Loba/Himedia	50
157	O-Tolidine-500ml (Nos.)	Merck/Loba/Himedia	50
158	Oxidase disc (Vails)	Merck/Loba/Himedia	50
159	Oxytetracyclin (1grm)	Merck/Loba/Himedia	50
160	Oxytetracyclin (Vails)	Merck/Loba/Himedia	50
161	Paraffin wax (500G)	Merck/Loba/Himedia	50
162	Paraffin Liquid, heavy-500ml	Merck/Loba/Himedia	50
163	Peptone water (100g.)	Merck/Loba/Himedia	50

164	Percoll - 100ml	Sigma-P1644	50
165	pH – 10.01 buffer solution-500ml	Merck/Eutech	50
166	pH – 4.01 buffer solution-500ml	Merck/Eutech	50
167	pH – 7 buffer solution- 500ml	Merck/Eutech	50
168	Phenol red agar base(500g)	Himedia-M053	50
169	Phenolphthalein Indicator -125ml	Merck/Himedia-GRM076	50
170	Phosphate Buffered saline 7.2PH (100g)	Merck/Loba/Himedia	50
171	Potassium Chloride (100ml)- for DO probe	Merck/Loba/Himedia	50
172	Potassium hydroxide -500g	Merck/Loba/Himedia	100
173	Potassium nitrate (500g)	Merck/Loba/Himedia	100
174	Pottasium nitriate (500g)	Merck/Loba/Himedia	100
175	Pottasium permanganate-KMNO ₄ (500g)	Merck/Loba/Himedia	100
176	Potato Dextrose Agar - 500G	Merck/Loba/Himedia	50
177	Polymer for genertic analyzers	ABI	50
178	POP -7 (96) Polymer 3500 series	A26073	50
179	Poly L-lysine -500ml	Sigma	50
180	Labelled Primers (Dual modification)	Sigma	50
181	Desaled Primers 30D P/B	Sigma	50
182	Proteinase K (20mg/ml)	Himedia-DS0013-1ml	50
183	Proteinase K (recombinant) PCR grade-1ml	Thermo-E00491	50
184	Proteinase K (100 mg)	Merck/Loba/Himedia	50
185	Rotar Adapters (10x24)	Merck/Loba/Himedia	50
186	Repel silane-100ml (Nos.)	Sigma	50
187	RNA Later solution -100ml (Nos.)	Himedia-ML-161	50
188	RNA Extraction Reagent	Sigma	50
189	RNase A,DNase and Protease-free,10 Mg	Fermentas-EN0531	50
190	RNase Mini kit (50)	Qiagen-74104	50
191	RNase Away -250ml (Nos.)	Sigma- 83931	50
192	Sequencing standard	Thermo	50
193	Silver Nitrate -25g (Nos.)	Merck/Loba/Himedia	50
194	Silver Nitrate Extra Pure -25g (Nos.)	Merck/Loba/Himedia	50
195	SOC Broth-500g (Nos.)	Merck/Loba/Himedia	50
196	Sodium Acetate 3M -100ml (Nos.)	Merck/Loba/Himedia	50
197	Sodium alginate (250g)	Merck/Loba/Himedia	50
198	Sodium bicarbonate -500g(nos)	Merck/Loba/Himedia	100
199	Sodium Chloride-500g (Nos.)	Merck/Loba/Himedia	100
200	Sodium Citrate (500g)	Merck/Loba/Himedia	100
201	Sodium di hydrogen ortho phosphate (500g)	Merck/Loba/Himedia	100
202	Sodium dihydrogen phosphate (500 g)	Merck/Loba/Himedia	100
203	Sodium Dodecyl Sulphate-500g (Nos.)	Merck/Loba/Himedia	100
204	Sodium Hydroxide Pellets(500g)	Merck/Loba/Himedia	100
205	Sodium Hypochlorite Soul.5 to 10% (5lits)	Merck/Loba/Himedia	100
206	Sodium iodide (100g)	Merck/Loba/Himedia	100
207	Sodium Meta Silicate- (500g)	Merck/Loba/Himedia	100
208	Sodium molybdate (250g)	Nice/Merck/Loba/Himedia	100
209	Sodium Nitrate (NaNO ₃) (500g)	Nice/Merck/Loba/Himedia	100

210	Sodium Nitroprusside (500g)	Nice/Merck/Loba/Himedia	100
211	Sodium Nitroprusside (100g)	Nice/Merck/Loba/Himedia	100
212	Sodium phosphate (500g)	Nice/Merck/Loba/Himedia	100
213	Sodium thiosulphate Pentahydrate(500g)	Nice/Merck/Loba/Himedia	100
214	Soybean Casein Digest agar -(500g)	Nice/Merck/Loba/Himedia	100
215	Soybean Casein Digest Broth (500g.)	Nice/Merck/Loba/Himedia	100
216	Starch powder (100g)	Merck/Loba/Himedia	100
217	Sterile Antibiotics Discs(Nos)	Himedia-SD067	100
218	Sterillium (Labserv Handsafe, 500ml)	Merck/Loba/Himedia	100
219	Sterimax (Nos.)	Merck/Loba/Himedia	100
220	Sucrose (Vails)	Merck/Loba/Himedia	100
221	Sulphonic Acid (500ml)	Merck/Loba/Himedia	100
222	Sulphuric acid (5 Litres)	Merck/Loba/Himedia	100
223	Super phosphate (500g)	Merck/Loba/Himedia	100
224	Surgical Spirit - 400ml	Merck/Loba/Himedia	500
225	TBE Buffer- (100ml)	Merck/Loba/Himedia	100
226	TCBS agar-500g (Nos.) - for microbiology	Merck/Loba/Himedia	100
227	TE Buffer(1X)-100ml	Merck/Loba/Himedia	100
228	TEMED-100ml	Merck/Loba/Himedia	100
229	Thiamine hypochloride -Vitamin -B1 (25gm)	Merck/Loba/Himedia	100
230	Thiosulphate (500g)	Merck/Loba/Himedia	200
231	Traflan (Litres)	Merck/Loba/Himedia	50
232	Trehalose (Vails)	Merck/Loba/Himedia	50
233	TRIS- Borate-EDTA Buffer Bio reagent	Merck/Loba/Himedia	50
234	Taq DNA Polymerase (recombinant).500 U	Merck/Loba/Himedia	50
235	Taq DNA Polymerase -Cloned 500 U	Merck/Loba/Himedia	50
236	Tris Buffer - 100 gm	Merck/Himedia	50
237	TAE Tris Acetate (50X)-500ml	Fisher-YBP133250	50
238	Tris Base-500g(hydroxymethyl)amino	Therm BP 152-1	50
239	Tris-Cl (1M)-100ml	Merck/Himedia	50
240	Tryptone water(Tryptone broth)- 100G	Merck/Himedia	50
241	Trizma pre-set crystals - 2.5 kgs	SIGMA-T1878-2.5KG	50
242	Trizma pre-set crystals - 500G	SIGMA-T1878-500G	20
243	Triple Sugar Iron agar (100g.)	Merck/Loba/Himedia	50
244	Urea 40 % - (5Vails)	Merck/Loba/Himedia	50
245	Urea Agar base- (100gm.)	Merck/Loba/Himedia	50
246	Urea-500g (Nos.)	Merck/Loba/Himedia	50
247	Vector -pUC- 18 (400 gm)	Merck/Loba/Himedia	50
248	Vibrio 0129(10 µg) (Vails)	Merck/Loba/Himedia	50
249	Vibrio 0129(150 µg) (Vails)	Merck/Loba/Himedia	50
250	Vitamin B12 (1gm)	Merck/Loba/Himedia	50
251	Vitamin B complex - B1 & B12 -(gm)	Merck/Loba/Himedia	50
252	Vitamin c -(Ascorbic acid) 500g.	Merck/Loba/Himedia	50
253	Vitamin c -500ml (Nos.)	Merck/Loba/Himedia	50
254	X-Gal-100mg (Nos.)	Merck/Loba/Himedia	50
255	Xylene low sulfur(2.5Litres)	Merck/Loba/Himedia	50

256	Xylose disc (Vails)	Merck/Loba/Himedia	50
257	YT Broth-500g (Nos.)	Merck/Loba/Himedia	50
258	Zinc chloride (500gm)	Merck/Loba/Himedia	50
259	Zinc sulphate (500gm)	Merck/Loba/Himedia	50
260	Zobell Marine agar-500g (Nos.)	Merck/Loba/Himedia	50
261	α -Naphthalamine solution (100ml.)	Merck/Loba/Himedia	50
B	PCR & OTHER TEST KITS		
1	Ammonia Kit-(Nos.)	Merck/Himedia/API	50
2	Alkalinity Test Kit-(Nos)	Aquacheck-WT003-300/API	50
3	Anode Buffer Container (ABC)3500series	Thermo-4393927	10
4	Puregene Yeast and G+Bacteriakit	Qiagen	50
5	Bio Gramstaining Kit(Nos.)	Qiagen	50
6	Bio Silver questkit/stainingfor25minikit	Thermoscientific	50
7	Carbonate Hardness Kit	Himedia/Merck/API	50
8	Calcium Test Kit	Himedia/Merck/API	50
9	Conditioning reagent 3500series	Thermo-4393718	10
10	Cathode Buffer Container (CBC)3500series	Thermo-4408256	10
11	cDNA Reverse Transcription Kit-RT-PCR	Thermo-4368814	50
12	PCR Cloning kit(pGEMTeasyvectorsystem)	Promega-A1360	50
13	JM109 competent cells	Promega-L2005	50
14	LHRH Hormone	SigmaAldrich	50
15	Chlorine Test Kit(ml)-300test	ABI	50
16	QIA quick Gel Extraction Kit-50reactions	Thermo scientific	50
17	iQ-Check SalmomellaIIPCR Detection kit	Thermo scientific	50
18	Real QPlus2xMasterMixforprobe,HighROX TM,400Reaction(25ul)	Himedia-KB007	50
19	Nucleospin Gel and PCR Purification Kit(50 reaction)	Nacherery-Nagel-740609-50	50
20	DNA GelExtraction Kit-250reactions	Qiagen	50
21	Rneasy Mini kit-50Rxn	Qiagen-50RTN	50
22	QIAAMLDNA mini kit-250Rxn	Qiagen-100RTN	50
23	FW/SW Phosphate testing kit	Thermoscientific	50
24	FW/SW Copper Test Kit	Thermoscientific	50
25	Hivibrio Identification kit	Himedia-KB007	50
26	Iron water testing kit	Merck/Himedia-WT010/API	50
27	Hydrogen sulphate Test kit	Aquacheck/API	50
28	Total Hardness Kit(Nos.)	Aquacheck/API	50
29	Nitrate water testing kit(Nos.)	Himedia/Merck/API	50
30	Nitrite water testing kit(Nos.)	Himedia/Merck/API	50
31	PH Test kit	Himedia/Merck/API	50
32	DO Test kit	Himedia/Merck/API	50
33	Sulfide Test Kit-5-100mg/300test	Thermoscientific	50

34	Shrimp Check WSSV Rapid test kit	SpeedyAssay-RWSS01-020	50
35	PCR Purification Kit-50reactions	Qiagen-28104	50
36	Prime Script TMOonestep RT-PCRkit(50rxn)	Takara-RR057A	50
37	PCR Purification Kit-250reactions(Nos.)	Qiagen-28106	50
38	QIAxcel DNA High Resolution kit (1200)	Qiagen-929002	50
39	QXSize Marker25bp-500bp(50µl)V2.0	Qiagen-929560	50
40	QXAlignment Marker15bp/3kb(1.5ml)	Qiagen-929522	50
41	Dneasy Blood &Tissue kit(50reactions)	Qiagen-69504	50
42	Dneasy Blood&Tissue kit(250reactions)	Qiagen-69506	50
43	BDTV3.1RR-100&SQEBufferEach	Qiagen-69507	50
44	QIAAMLDNA MiniKit-250Rxn	Qiagen-51306	50
45	Tissue Kit for DNA Extraction-250reactions	Qiagen	50
46	Ultrapure Genomic DNA Spin Mini preps kit from Tissue-100preps	Qiagen	50
C	HATCHERY/FARM CHEMICALS		
1	2-Phenoxy Ethanol - 2.5 Lit	Loba/Himedia	500
2	2- Phenoxyethanol (500ml)	Himedia	500
3	Acetic Acid - (30 kg)	Commercial	100
4	Ascorbic Acid (Vitamin C)	Commercial	100
5	Alam (Non feric) powder (Kg).	Commercial	500
6	AgreeLime Powder(kg)	Commercial	10000
7	Ammonium sulphate (Kg)	Commercial	500
8	17-Alpha Methyl Testosterone (5grm)	"Sigma Alrich"	
9	17-Alpha Methyl Testosterone (5grm)	TCI - M0435 -5G	200
10	Clove Oil (500 ml)	"Clove Oil"	50
11	Bleaching Powder - (25 Kgs)	"Rayalseema"	10000
12	Calcium Hypochloride - 45 kgs (Granulated chlorine)	AQUAFIT	5000
13	Calcium Peroxide(25 Kg)	Commercial	1000
14	Copper sulphate (25 Kg)	Commercial	1000
15	Diammniun Phasphate (DAP)	Commercial	1000
16	Dolomite(kg)	Commercial	1000
17	Epicin Hatchery - 500 grms	Nurture	50
18	HCL Acid (40 lits can.)	Commercial	15000
19	Hydrogen Peroxide (35 lits can.)	Commercial	2000
20	EDTA - 78%(25 Kg)	Commercial	2000
21	EDTA - 100% (25 Kg)	Commercial	500
22	E Soft (EDTA)	IHC	100
23	Formaldedyde - 37%(lits)	Commercial	1000
24	Ferric Chloride (25 Kg)	Commercial	500
25	Fine powder Salt (Kg)	Commercial	500
26	Liquid Chlorine (Hypo) 5 - 6% (50 lits can)	Commercial	15000
27	Liquid Chlorine (Hypo) 10 - 12% (kg)	Commercial	5000
28	Potassium Nitrate(salt petre)	Commercial	500

29	Potassium Permanganate(Kg)	Commercial	500
30	Sodium Hypochlorite Solution - (Kg)	Commercial	500
31	Sodium Thiosulphate - crystal type (Kg)	Commercial	1000
32	Sodium Thiosulphate - Sugar type (Kg)	Commercial	500
33	Sodium bicarbonate (Kg)	Commercial	500
34	Sodium Hydroxide (Kg)	Commercial	500
35	Sodium Nitrate (Kg)	Commercial	500
36	Sodium Nitrite (Kg)	Commercial	500
37	Sodium Silicate (Kg)	Commercial	500
38	Squid Oil / Binding Gel (litres)	Commercial	100
39	Soap Oil (50 lits can)	Commercial	5000
40	Starch (maize) - Kg	Commercial	1000
41	SSP(single super phosphate) (Kg)	Commercial	1000
42	Stone lime (Kg)	Commercial	5000
43	Zinc chloride (Kg)	Commercial	1000
44	Zinc sulphate (Kg)	Commercial	1000
45	Zeon G (Granular Zeolite)	Commercial	5000
46	Genlite (Zeolite)	Clinzex/"Wockhardt"	5000
D	<u>WATER PLANT CHEMICALS:</u>		
1	Antiscalent Chemical (Non Commercial)(Kg)		5000
2	Acetic Acid (Non Commercial) - Lit		2000
3	Memprochem -1100 (Kg)	MEMPHRO CHEM 1100	500
4	Memkleen - 4010 (Kg)	MEMKLEEN 4010	500
5	Memkleen - 4020 (Kg)	MEMKLEEN 4020	500

2. PLASTICWARES & GLASSWARES ITEMS :

SL. NO.	NAME OF THE CONSUMABLE ITEMS	Brand/Cat. No.	Required Quantity (Approximate)
A	<u>PLASTIC & GLASSWARES</u>		
1	0.1 ml Real time Strip / Cap-300 strips*8 (2400/pack) (Packs)	ABI-4323032/Tarsons-611010	50
2	0.1 ml Real time Strip /(Pack of 2400, 300 stripsX8)) (Packs)	ABI	50
3	0.1 ml Strip tubes -1000/pack (Packs)	Qiagen	50
4	0.2 ml Assorted pcr tubes – flat cap (1000 Nos./pack)	MBP ART-3412A/Tarsons-510073	50
5	0.2 ml Normal pcr tubes – flat cap (1000 Nos./pack)	Abgene-0620/Tarsons-510051	50
6	0.2ml 8 tube strip with flap cap	Thermo-AM1223/Tarsons-510054	50
7	0.1ml Micro Amp TM Fast Reaction Tube with Cap	Thermo-4358297/Tarsons-611030	50
8	0.1ml Micro Amp TM Optical 8 - Tube strip	Thermo-4358293/Tarsons-611040	50
9	0.1ml Micro Amp TM Optical 8 -cap strips	Thermo-4323032	50
10	0.2ml Micro Amp TM Optical 8 - Tube strip	Thermo-4316567	50
11	96 well PCR plate(Raised semi skrt'd low profile) 25/pkt	Abgene- 1900/Tarsons-510058	50
12	1 ml pipette tips (1000nos./pack) (Packs)	ART-MBP/Tarsons-521020	50
13	10µl Extented Tip ART Barrier90 tipsx10 Trays	Thermo-2140/Tarsons-527108	50
14	10/20µl Pipette tips (1000nos./pack)	Thermo-104Q/Tarsons-528101	50
15	200µl Pipette tips (960nos./pack)	ART-Tarsons-528104/Thermo-2069	50
16	1000µl Pipette tips (960nos./pack)	ART-Tarsons-528106/Thermo-2279	50
17	1000µl Pipette tips - Blue-500/pack	Tarsons-521020-B/Thermo-90030220	50
18	10ml pipette (Nos.)	Borosil	200
19	5ml pipette (Nos.)	Borosil	200
20	1ml Pipette (Nos.)	Borosil	200
21	20 µl Pipette tips (960nos./pack)	MBP ART-2149P/Tarsons- 521108	50
22	200µl Pipette tips (960nos./pack) (Packs)	MBP ART-90030110/Tarsons-521101	50
23	200µl Pipette tips Normal (1000nos./pack)	Normal -Tarsons-521010	50
24	36 cm capillary (Nos.)	ABI	50
25	50 cm capillary (Nos.)	ABI	50

26	96 well plate (25 Nos./pack) (Packs)	Thermo.ABI-1400/Tarsons- 510065	50
27	AB gene flat cap PCR tubes (0.2ml) (1000/pack) Nos.	Normal-AB 0620	50
28	ABSORBENT COTTON		200
29	Aluminium foil (Nos.)	Biogene	200
30	Amber colour bottle (100ml) (Nos.)	Tarsons/Abdos	200
31	Amber colour bottle (250ml) (Nos.)	Tarsons/Abdos	200
32	Amber colour bottle (500ml) (Nos.)	Tarsons/Abdos	200
33	Amber colour bottle (50ml) (Nos.)	Tarsons/Abdos	200
34	Ambient Bottles- 30 ml - Tarsons- (pkt)	Tarsons/Abdos	200
35	Antisptic liquid-500ml Bottles (Nos.)	Dettol	50
36	Autoclave indicator tapes (Nos.)	Himedia	50
37	Beaker-100 ml (Nos.) - Borosilicate	Tarsons-421020/Borsil/Glassco	50
38	Beaker - 250 ml (Nos.) - Borosilicate	Tarsons/Borsil/Glassco	50
39	Beaker-PP,250 ml (Nos.)	Tarsons/Borsil/Glassco	50
40	Beaker-50 ml (Nos.)	Tarsons-421010/Borsil/Glassco	50
41	Beaker-50 ml (Nos.)	Tarsons/Borsil/Glassco	50
42	Beaker-500ml (6 Nos./Pack) - PP	Tarsons/Borsil/Glassco	50
43	Beaker-500ml (Nos.)	Tarsons-421050/Borsil/Glassco	50
44	Beakers- 1000ml (nos.)	Tarsons/Borsil/Glassco	50
45	Beakers-1000ml (Nos.)-PP	Tarsons/Borsil/Glassco	50
46	Beakers-10ml (Nos.)	Tarsons/Borsil/Glassco	50
47	Beakers-10ml (Nos.)	Tarsons/Borsil/Glassco	50
48	Beakers-2000ml (Nos.)	Tarsons/Borsil/Glassco	50
49	Biohazardous waste container -20 lit	Tarsons/Borsil/Glassco	10
50	Biohazardous waste container -10 lit	Tarsons/Borsil/Glassco	10
51	Biohazardous waste container -5 lit	Tarsons/Borsil/Glassco	10
52	BOD bottles (300ml) (Nos.)	Tarsons/Borsil/Glassco	50
53	Burette clamp mild steel	Glassco-319.303.02	50
54	Burette stand with clamp	Biogene-MISC-286	50
55	Burette rota flow 50ml	Rivera - 7040075	50
56	Conical flask 500 ml (Nos.)- Borosil	Tarsons/Borsil/Glassco	100
57	Conical flask-1000 ml (Nos.)- Borosil	Tarsons/Borsil/Glassco	100
58	Conical Flask-100ml (Nos.)- Borosil	Tarsons/Borsil/Glassco	100
59	Conical Flask-250ml (Nos.)	Tarsons/Borsil/Glassco	100
60	Conical Micro Centrifuge Tube (0.5ml)-1000nos/(Packs)	Tarsons-500000/Borsil/Glassco	100
61	Conical Micro Centrifuge Tube (1.5ml)-500nos./ (Packs)	Tarsons-500010	100
62	Conical Micro Centrifuge Tube (2ml)-500nos./ (Packs)	Tarsons-500020	100
63	Conical flask Wide mouth 50 ml	Borosil/Riviera-2122617	100
64	Conical flask Wide mouth 100ml	Borosil/Riviera-2122624	100
65	Conical flask Wide mouth 100 ml	Borosil/Riviera-2122636	100

66	Cotton Gloves (Heat Resistant-1 pair)		100
67	Non Absorben Cotton Rolls (Nos.)	Jaymari/Ramraj	100
68	Coverslip (Boxes)18mm/12mm-10grms.nos	Bluestar	100
69	Coverslip (Boxes)22mm-10grms	Bluestar	100
70	Cryogenic Rack (81 wells) (Nos.)	Himedia	100
71	Cryogenic vials, sterile PP -2.0ml (500/pack)	Nalgene-5000-0020	100
72	Combi clean (Nos.)	Himedia-C0031	100
73	Cavity slides (boxes)	Tarsons	100
74	Dressing Forceps (Nos.)	Tarsons	100
75	Droppers / Pillers - 6" (Nos.)	Tarsons	100
76	Dropping bottle - 125 ml	Tarsons-620060	100
77	Digital Timer (Nos.)	Bioplus/Racer	100
78	Evaporating dish - 120ml	Glassco-528-3036.10	50
79	Racked Filter Tips - 1000 µl /500 pkt	Qiagen -990352/Tarsons-527106	100
80	Racked Filter Tips - 200 µl /1000 pkt	Qiagen -990352/Tarsons-527104	100
81	FORCEPS - 12" (SS.)	SS	100
82	FORCEPS - 8" (SS.)	SS	100
83	FORCEPS - 6" (SS.)	SS	100
84	FORCEPS - 5" (SS.)	SS	100
85	FORCEPS - 4"(SS)	SS	100
86	Funnel -(65mm.)	Plastic/Riviera	100
87	Funnel -(75mm)	Plastic/Riviera	100
88	Funnel -(100mm)-36/pcs.	Plastic/Riviera	100
89	Filter paper sheet (pkt)	Kalpi	50
90	Storage Vials - 1ML (1000/PKT)	Borosil/Tarsons - 523041	100
91	Test tube with Rim(18x150mm)-27ml	Borosil/Rivera	100
92	Test tube with Rim(18x150mm)	Borosil/Rivera	100
93	Test tube with Rim(12X100mm)	Borosil/Rivera	100
94	Test tube with Rim(12X75mm)	Borosil/Rivera	100
95	Test tube with Rim 15 * 150mm	Borosil/Rivera	100
96	Test tube stand - 31T x 16mm	Borosil/Rivera	100
97	Test tube stand - 20T x 20mm	Borosil/Rivera	100
98	Test tube stand - 18T x 25mm	Borosil/Rivera	100
99	Test tube - 10 ml	Borosil/Rivera	100
100	Test tube - 20 ml	Borosil/Rivera	100
101	Tissue cassette (color-100/pk)	Himedia	100
102	Glass Beaker 100ml	Borosil/Rivera	100
103	Glass Beaker 250ml	Borosil/Rivera	100
104	Glass Beaker 500ml	Borosil/Rivera	100
105	Glass flask-1 lit. (Nos.) - Borosil	Borosil/Rivera	50
106	Glass flask- 2 lit. (Nos.) - Borosil	Borosil/Rivera	50
107	Glass flask- 3 lit. (Nos.) - Borosil	Borosil/Rivera	50
108	Glass flask-4 lit. (Nos.) - Borosil	Borosil/Rivera	50

109	Glass flask-5lit. (Nos.)- Borosil	Borosil/Rivera	50
110	Glass L Rod (Nos.)	Borosil/Rivera	50
111	Glass Petri plates(80x17mm)	Borosil/Rivera	50
112	Glass Petri plates(100x17mm)	Borosil/Rivera	50
113	Glass Petri plates(100x20mm)	Borosil/Rivera	50
114	Glass Petri plates	Borosil/Rivera	50
115	Glass slide (Boxes - 50 nos.)	Bluestar/Borosil	50
116	Glass slide cover (Boxes)	Bluestar/Borosil	50
117	Glass Test tubes- (15x150mm) - 15ml(Nos.)	Borosil/Rivera	50
118	Glass Test tubes- (12x100mm) - Nos.	Borosil/Rivera	50
119	Glass Test tubes- (18x150mm) - (Nos.)	Borosil/Rivera	50
120	Inoculation Loop (Nos.)	Himedia	50
121	Lab Coats-Blue (Nos.)	Local	50
122	Lab Coats-Grey (Nos.)	Local	50
123	Lab Coats-White (Nos.)	Local	50
124	Laboratory amber bottle narrow mouth- 250ml	Glassco-275.202.02	50
125	Laboratory amber bottle narrow mouth- 500ml	Glassco-275.202.03	50
126	Laboratory amber bottle narrow mouth- 1000ml	Glassco-275.202.04	100
127	Laboratory amber bottle - 100ml	Borosil/Schott	100
128	Laboratory amber bottle - 50ml	Borosil/Schott	100
129	L Rod (Glass)	Borosil/Schott	100
130	Leica Low Profile Blades type 819	Leica	100
131	Label printer roll (Nos.)	Dymo	100
132	Latex Examination Gloves-Non sterile(S/M/L 100/pkt) - Safex	Pioneer/Soft Hand	1000
133	Measuring Cylinder - 250 ml (Nos.)	Polylab/Tarsons-345050	100
134	Measuring cylinder - 500ml (Nos.)	Polylab/Tarsons-345060	100
135	Measuring cylinder -100ml (Nos.)	Polylab/Tarsons-345040	100
136	Measuring cylinder -10ml (Nos.)	Polylab/Tarsons	100
137	Measuring cylinder -50 ml (Nos.)	Polylab/Tarsons	100
138	Measuring cylinder -PP,500 ml (Nos.)	Polylab/Tarsons	100
139	Measuring cylinder-1000 ml (Nos.)	Polylab/Tarsons	100
140	Measuring cylinder- PP,1000 ml (Nos.)	Polylab/Tarsons	100
141	Measuring jar - 50ml (Nos.)	Polylab/Tarsons-345030	100
142	Measuring jar - 25ml (Nos.)	Polylab/Tarsons-345020	100
143	Measuring Jar -500 ml Plastic (Nos.)	Tarsons/Borsil	100
144	Micro centrifuge Rack - 20*1.5ml (Nos.)	Tarsons/Borsil	100
145	Micro Centrifuge Rack Reversible 1.5/2.0/0.5 ml(Nos.)	Tarsons/Borsil	100
146	Micro Centrifuge Tube -0.5ml (500nos./pack)	Thermo-90030500	50

147	Micro Centrifuge Tube graduated - 0.6ml (1000nos./ pack)	Thermo-502-GRD-Q/Axygen-311-02-21	50
148	Millex,33mm 0.22um,PES,200ml, Radiatio Sterile, 50/pk	Miillipore - SLGP033RS	50
149	MillexHP,33mm 0.45um,NS, 50/pk	Miillipore - SLGP033RS	50
150	Syringe Filters PES 0.2um,25mm 50/Cs	Nalgene-725-2520	50
151	Syringe Filters PES 0.45um,25mm 50/Cs	Nalgene-725-2521	50
152	Metal Loop Holder	Himedia-LA040	50
153	Micro Centrifuge Tube-1.5ml (500nos./pack)	Tarsons-500010	100
154	Micro Centrifuge Tube-2ml (500nos./pack) (packs)	Tarsons-500020	100
155	Micro Pipette Tips - 0.2-10 µl (Packs of 1000)	Tarsons-521000	100
156	Micro Pipette Tips - 200-1000 µl (500/Packs)- Tarsons	Tarsons-521020	100
157	Micro Pipette Tips - 2-200 µl (Packs- 1000 nos)- Tarsons	Tarsons-521010	100
158	Microscope - Slide double frosted	Rohem/Bluestar	50
159	Microtome blade- 120mm (Boxes)	Rohem/Bluestar	50
160	Microtome blade - 150mm (Boxes)	Rohem/Bluestar	50
161	Microtome blade - 180mm (Boxes)	Rohem/Bluestar	50
162	Microtome blade - 250mm(Boxes)	Rohem/Bluestar	50
163	Mini Cryo Cooler (Mr. Frosty) (Nos.)	Tarsons/Thermo.	50
164	Nicrome Loop	Himeida - LA020	50
165	Narrow mouth bottle -Screw Cap-(250ml)	Tarsons/Riviera	50
166	Narrow mouth bottle - Screw Cap-(125ml)	Tarsons/Riviera	50
167	Nitrile Examination Gloves -Small, Medium & Large (100/pack)	Glovan-NB30 Blue M/Kimberly/Halyard	1000
168	Non-absorbent cotton (packs)	Ramraj	50
169	Optically clear adhesive seal sheet (Pack/50)	Thermo-AB1170	50
170	PlasticGloves - Disposable(25/pkt)	Polythine	200
171	Plastic Tooth Pick (Packets)	Plastic	200
172	Parafilm (2" x 250") (Nos.)	Tarsons-380010	50
173	Parafilm (4" x 125") (Nos.)	Tarsons-380020	50
174	Pasteur pipettes - 3 ml (500/pack)	Tarsons - 940050	100
175	Pasture Pippets -2 ml- (500/pack)	Tarsons - 940060	100
176	Pasture Pippets -1 ml- (500/pack)	Tarsons - 940070	100
177	PCR Rack with cover (96 plasce-pack of 6 nos.)	Tarsons-241000/Abdos	50
178	Pet Jat - 1 lit (Nos.)	Tarsons/Abdos	50
179	Petri Dish - 90x14mm (500/pkt)	Tarsons-460092	50
180	Petri Dish - 90x14mm(450 nos)	Tarsons-460090	50
181	Petri Dish 90x14mm(480nos./pack)	Tarsons-460091	50
182	Petri plates(480nos./pack)	Tarsons-460095	50

183	pH combination electrode (Nos.)	Tarsons/Abdos	50
184	pH Universal indicator (500 ml)	Tarsons/Abdos	50
185	pH Paper (1 – 7) (box)	Merck/Qualigens	50
186	pH Paper (7 - 14) (Nos.)	Merck/Qualigens	50
187	pH paper(1 - 14) full range (Boxes)	Merck/Qualigens	50
188	Pipette stand (Horizontal.) 12 places	Polylab/Tarsons	50
189	Pipette stand (Vertical) 28 places	Polylab/Tarsons	50
190	pipettes Graduated -10ml (Nos.)	Borosil/Riviera	50
191	pipettes Graduated -1ml (Nos.)	Borosil/Riviera	50
192	Reagent bottle 500ml (Nos.)	Borosil/Riviera	50
193	Reagent Bottle-1000ml (Nos.)	Borosil/Riviera	50
194	Rectangular carboy with stopcock	Tarsons-683240	50
195	Sample container - 100 ml& 50ml (Nos.)	Borosil/Riviera	50
196	Sample container - 60 ml& 25ml (384 nos.)	Borosil/Riviera	50
197	Sample storage box - 50ml (100 Nos.)	Borosil/Riviera	50
198	Serum vial Sample storage box & sand - (96 Nos.)	Himedia- PW145	50
199	Strip Tubes and Caps, 0.1 ml (250)	Qiagen-981103	50
200	Sample Tubes RB-2ml	Qiagen-990381	50
201	Sample storage vial -50ml (500nos./ pack)	Tarsons -500041	100
202	Sterile Storage vial -5ml (500nos./ pack)	Tarsons -523080	100
203	Sample vial PP-5ml (Nos.)	Tarsons -523070	100
204	SB 22 Surgical Blade (Packs)	Biogene	100
205	Surgical blades No.11	Biogene	100
206	SCISSORE - 8" (Nos.)Large	SS	100
207	SCISSORE - 6"(nos.)	SS	100
208	SCISSORE - 5"(nos.)	SS	100
209	Scissors -4" (Nos.)	SS	100
210	Surgical scissor - Pointed Medium size (6")	SS	100
211	Syringe -2ml -(100 nos.Boxes)	Dispovan	100
212	Syringe-5 ml -(100 nos.Boxes)	Dispovan	100
213	Syringe-10 ml -(50 nos.Boxes)	Dispovan	100
214	Spirit lamp - 125 ml(SS)	Glass/SS	100
215	Spirit lamp - 125 ml(SS)	Glass/SS	100
216	SS beads-2 mm (Kg)	SS	50
217	Specimen container	Tarsons-881090	50
218	Specimen Tubes 25x50mm	Tarsons-881110	50
219	Safety goggles	Tarson-800010	50
220	Whatman Filter Paper 46x57 (Packets-100 nos)	Whatman	50
221	Wide Mouth Bottles - 125 ml - Tarsons (nos.)	Tarsons	100
222	Wide Mouth Bottles - 30 ml - Tarsons(nos.)	Tarsons	100

223	Wide Mouth Bottles - 60 ml - Tarsons(nos.)	Tarsons	100
224	Wash bottle - 500ml	Tarsons	100
225	Wash bottle - 750ml	Tarsons-531130	100
B	<u>DISPOSABLE ITEMS:</u>		
1	Dispo. HIV Kit (Nos.)		100
2	Disp. Aprons/Gown(Nos.)		500
3	Disp. Face Masks (100 Nos.)		500
4	Disp. Poly. Hand Gloves (25 Pkt.)		500
5	Disp. Head Caps (100 Nos.)		500
6	Disp. Gown (Nos.)		500
7	Disp. Hand gloves sterile		500
8	Hand Gloves Acid wash		100
9	First Aid Box (Nos.)		100
10	Plastic shower caps -		100
11	Sterillium		200
12	Sterillium Stand		200
13	Tissue paper (Napkin)		500
14	Tissue paper (Rolls)		1000
15	Tissue Roll (Highly Absorbent) (Nos.)		500
16	Thermometer (Nos.)		100
C	<u>FILTER BAGS & MESH ITMES:</u>		
1	20 - Micron Mesh (1 sq. mtr)		100
2	50 - Micron Mesh (1 sq. mtr)		100
3	100 - Micron mesh (1 sq.mtr)		100
4	150 - Micron mesh (1 sq.mtr)		100
5	200- Micron mesh (1 sq.mtr)		100
6	250 - Micron mesh (1 sq.mtr)		100
7	300 - Micron mesh (1 sq.mtr)		100
8	500 Micron mesh (1 sq.mtr)		100
9	700 Micron mesh (1 sq.mtr)		100
10	1000 Micron mesh (1 sq.mtr)		100
11	100 Micron Scoop Net		200
12	150 -250 Micron Scoop Net		200
13	350 Micron Scoop Net		200
14	500 Micron Scoop Net		200
15	1000 Micron Scoop Net		200
16	Filter cloth - 01/05/10 micron - 1 meter		100
17	Filter cloth - 01/05/10 micron - 1.25 feet		100
18	Filter cloth - 01/05/10 micron - 2 feet		100
19	Filter bag -small (H-18",W-12")		100
20	Filter bag - Big (H-32",W-12")		100
21	Filter cloth - 0.5 Micron bag		100
D	<u>AIRATION & OXYGEN ITMES:</u>		

1	Air Diffusers (Imported) 2 inch (nos)		200
2	Air Regulators-4mm (Nos.)		20000
3	Air stone (1.25 inch (Nos.)		10000
4	Air stones (2 inch) (Nos.)		20000
5	Air Tubes - 4mm (100 mtrs.)		100
6	Air Tubes - 5mm (100 mtrs.)		50
7	Guourd Bowl - Imported		100
8	Lead Weight (for aeration) (Nos.)		5000
9	Ammonia Test Kit (Nos.)	API	100
10	Carbonate Hardness kit	API	100
11	Copper Test kit	API	100
12	Calcium Test kit	API	100
13	Total Hardness Kit (Nos.)	API	100
14	Nitrate water testing kit (Nos.)	API	100
15	Nitrite water testing kit (Nos.)	API	100
16	Phosphate Test kit	API	100
17	PH Test kit	API	100
18	Alkalinity Test kit	API	100
E	<u>PACKING MATERIALS:</u>		
1	Thermocol Sheet (Sets)		5000
2	Polythene Bags - Inners (Kg)		5000
3	Polythene Bags - Outers (Kg)		5000
4	LDPE Polythene Roll - 15"x 400G		1000
5	Rubber band 3" size (Kg)		100
6	Rubber bands 4"size (Kg)		500

3. ARTEMIA, FEEDS, PROBIOTICS & OTHER HATCHERY CONSUMABLES

SL.NO.	NAME OF THE MISCELLANEOUS ITEMS	Brand	Required Quantity (Approximate)
A	<u>ARTEMIA:</u>		
1	Artemia Cyst- (OWN BRAND for biomas culture) Tin(425g)	RGCA-PEARL	1000
2	Artemia Cyst- OSI (RED RING for feeding) Tin	OSI/SANDERS/INVE	1000
3	Artemia Cyst- OSI (BLUE RING for feeding) Tin	OSI/SANDERS/INVE	500
4	Artemia Cyst- OSI (GOLD RING for feeding) Tin	OSI/SANDERS/INVE	500
5	Artemia dead biomass (Kg)	OSI/SANDERS/INVE	500
6	Artemia Flakes (Feed additive for fish sausage) (Kg)	OSI/SANDERS/INVE	100
B	<u>BROODSTOCK/FISH FEEDS:</u>		
1	Oyster Meat/green mussle (Kg)		200
2	Mussel Meat (Kg)		200
3	Blocult-10kgs (Kg)		500
4	BREED -S Fresh (10 Kg)	INVE	2000
5	Fish Feed mash (Kg)		50
6	GC MAT- Brood Stock Diet	GOLD COINS	50
7	Mysis feed - 454 Grms Tin	GOLD COINS	50
8	Zoeal Feed - 454 grms Tin	GOLD COINS	50
9	Early Post Larval Feed - HIPRO	GOLD COINS	50
10	Late Post Larval Feed - HIPRO	GOLD COINS	50
11	Antartic Fresh Krill - SUPERBA - 12.5 Kgs.		50
12	Polychaetes (EMS Free & SPF Topsy Baits - Netherlands)	SPF Topsy	1000
13	Califormia Frozen Cold water Squid - 10 Kg.		1000
14	Pacific California - Red Mussel Meat - 2 kgs.		1000
15	Novobiotic Plus		100
16	BIO Astha		100
17	Omega Dha - 300/grms		100
18	Trans Safe (Seed & Naupli Transport)		100
19	BROOD STOCK FEED - Royal Oyster		2000
20	BROOD STOCK FEED - VITALIS 2.5 mm	VITALIS	2000

21	Prawn Feed - HIGASHIMARU PV (No.0 - No.1)	HIGSHIMARU	2000
22	Prawn Feed - HIGASHIMARU PV (No.2 - No.3)	HIGSHIMARU	2000
23	Prawn Feed OSCAR Flakes		100
24	Prawn Feed Larve - TA ZMP - 150 PL Feeds		100
25	Prawn Feed Larve - TA ZMP - 300 PL Feeds		100
26	Prawn Feed Larve - TA ZMP - 400 PL Feeds		100
27	Prawn Feed Larve - BIPO MPL- 150 & 300		100
28	Bio - Omega for - Artemia Enrichment		100
29	Asta Oil(Krill Oil)		100
30	Hydro Mac (seed transport & Alage)		100
31	Veta Vit (Multivitamin)		100
32	Q-Pass (PL Tank)		100
33	Marine Maxx (Chelated Mineral)		100
34	Nursery Pellet Feed (8mm)		100
35	Nursery Pellet Feed (1mm)		100
36	ZMP-M2(MP FEED MP2)		100
37	ZMP-M1(MP FEED MP3)		100
38	ZMP-M2(MP FEED MP4)		100
39	Shrimp Maturation V pack		100
40	Larva Z Plus<50 (Zoea & Mysis)-500 grms		100
41	Larva Z Plus(100-150EPL,150-250LPL,250-450 LPL)-500 grms		100
42	ZIEGLER Redi-Mate	ZIEGLER	500
43	ZIEGLER 600-850mm Feed	ZIEGLER	500
44	ZIEGLER 1.5,2.0,2.4mm Feed	ZIEGLER	500
45	E Larval 100/200/300/500		500
46	Larval Plus 200/300		500
47	Maturation Diet		100
48	Flakes		100
49	Prince Larval Fish Feed No.1	PRINCE	100
50	Prince Larval Fish Feed No.2	PRINCE	100
51	Prince Larval Fish Feed No.3	PRINCE	100
52	Prince Larval Fish Feed No.4	PRINCE	100
53	Absoft Fish Feed		100
54	Vitamax		100
55	Larval Star 100-200/200-300/300-500		100
56	Instant Algae - Thalassisorria Weissflogii		100
57	Instant Algae - SD Aquarist		100
58	Instant Algae - Nanno 3600		100
59	FRIPPAK FRESH 1 CAR	FRIPPAK	100
60	FRIPPAK FRESH 2 CAR	FRIPPAK	100

61	FRIPPAK FRESH 3 CAR	FRIPPAK	100
62	FRIPPAK PL +150&+300 (1250g)	FRIPPAK	100
63	FRIPAK RW +400 (8Kg)	FRIPPAK	100
64	FRIPAK RW +500 (8Kg)	FRIPPAK	100
65	Epac PL & XL (1250 g)		100
66	Lansy Shrimp ZM (625 g)		100
67	Lansy Shrimp MPL(625 g)		100
68	Lansy Shrimp PL (625 g)		100
69	Sanoguard SPAK 0/2 & 2/5 (3 kg Bucket)		100
70	Sanoguard SPAK 5/8 & 8/12 (3 kg Bucket)		100
71	Sanoguard SPAK 30 (10 kg Bucket)		100
72	Aquakleen (Pond Purifier - Disinfectant)- 5 LIT		100
73	Ion-min(mineral for Aquaculture pond) - 10 kg		100
74	Gastrap (fortified Zeolite base)-500 grms		100
75	Bactocare (feed supplement) -1 lit.		100
76	Oxylife (DO Product)- 1 kg		100
77	Resistol (Feed supplement)-1 lit.		100
78	Aquagest (feed supplement)-1 lit.		100
79	Seabass feed 45% Protein -1 kg		100
80	Shrimp Nursery Feed 0.3mm -1 kg		100
81	Shrimp Nursery Feed 0.5mm -1 kg		100
82	Marie Gold No.1,2,3C,3SP, 3P and 4S - 1 kg		100
83	Sprint LS 3P and 4S -1 kg		100
84	Nutriva 15 special feed No.2 & 3 -1 kg		100
85	Probiotic - Biofloc for water and soil		100
86	Bind all - 20 lit		100
87	Tilapia Fish Feed-4 mm (32% Protein)- Kg		2000
88	Tilapia Fish Feed-4 mm (28% Protein)- Kg		2000
89	Tilapia Fish Feed-2 mm (32% Protein)- Kg		2000
90	Tilapia Nursery Feed-500-700 Microns- Kg		2000
91	Tilapia Nursery Feed-1 mm - Kg		2000
92	Tilapia Nursery Feed-1.5-2 mm - Kg		2000
93	Scampi Broodstock Feed- Kg		2000
94	Scampi Broodstock Feed - Kg		2000
95	Uni- president feed (CS5001 to 08)	UNI-PRESIDENT	20000
96	Uni- president feed (C5001 to 08)	UNI-PRESIDENT	20000
97	Uni- president feed (M501 to 06,6R,7, 7S,7SR,7L,7SL))	UNI-PRESIDENT	10000
98	Uni- president feed (A101 to 09)	UNI-PRESIDENT	5000

99	CP PRAWN FEED No. 9004S (2.4mm) (Kg)	CP	3000
100	CP PRAWN FEED No. 9004 (2.4mm) (Kg)	CP	2000
C	<u>PROBIOTICS & REAGENTS:</u>		
1	Uni-Light liquid probiotic for water, soil and feed (Can)		10
2	Algamac-3050 (Enrichment Product) (Kg)		20
3	Soil Probiotics – Waste & Sludge Reducer(Kg)		20
4	Water Probiotics - PONDTOSS		20
5	Hatchery Prime		20
6	ZIEGLER Probiotics (Rescue)		20
7	ZIEGLER Probiotics (Remediate)		20
8	Microbiology plates		20
9	Ammon - X (Kg)		50
10	Aquanesthetic (Kg)		50
11	Epiblu - 1 lit		10
12	Biodine - 1 lit		10
13	Bacto Pur (Probiotic, Imported) (Litres)		10
14	Bactocel Aqua 100 (gram)		10
15	Detrodigest (Probiotic) (Litres)		10
16	Eco Sense -500gms (Kg)		10
17	Encon (Hatchery) (Litres)		10
18	Epicin (Hatchery) (Kg)		10
19	Epicin 3W (Hatchery) (Kg)		10
20	Epicin D (Hatchery) (Kg)		10
21	Ecoforce (Kg)		50
22	Exorich (Kg)		50
23	Ecotrax (Kg)		50
24	Extramin (Kg)		50
25	No Vib (Kg)		50
26	Bloomax (Kg)		50
27	Eco Toxinil (Kg)		50
28	Exo Rich (Kg)		50
29	NOVIB (Kg)		50
30	MFA (Litres)		50
31	SANOLIFE PRO-W (PROBIOTICS) (500g)		10
32	SANOLIFE PRO-2 (500g)		10
33	SANOLIFE MIC (500 G)		10
34	SANOLIFE AFM (1 LIT BOTTLE)		10
35	SANOLIFE CID (800G TIN)		10
36	Molasses (Kg)		10
37	Nutrigel (Litres)		10
38	Soil Probiotics (Kg)		10

D	<u>MISCELLANEOUS:</u>		
1	Squid oil (Feed additive for fish sausage) (Litres)		100
2	Sardine oil (Feed additive for fish sausage) (Litres)		100
3	Dextrose (Feed additive for fish sausage) (Kg)		100
4	Soda mix (Kg)		100
5	Ground Nut Oil Cake (Kg)		100
6	Yeast - Natural Ocean (Kg)		500
7	Mineral mix powder (Kg)		200
8	Chloestoral powder (Kg)		200
9	Soya lecithin-(Kg)		200
10	Cod liver oil (Litres)		100
11	Fish Oil (Litres)		100
12	Sweet Paprika (Kg)		100
13	Spiriluna Powder (Kg)		100
14	Astaxanthin(Carphyll pink)		100
15	Protein Gel (Litres)		100
16	Multivitamin Drops (Litres)		100
17	Chlromin - T (Litres)		100
18	Sperm powder (Sprmaxx) (Kg)		100
19	Vitamin A (Kg)		100
20	Vitamin B (Kg)		100
21	Vitamin C (Kg)		100
22	Vitamin E (Kg)		100
23	L - Turaine (Kg)		100
24	Malachite Green (Kg)		100
25	Methylene Blue (Kg)		100
26	OTC (Kg)		100
27	Cifroflixin (Kg)		100
28	Erythyromycin (Kg)		100
29	Treflan (Litres)		100

Annexure-II: Technical Bid Format or Pre-Qualification form

(Refer to Pre-Qualification form.docx - Attached separately)

Annexure-III: Financial Bid Forms:

1. (Refer to 'Financial Bid (A) - List of Chemicals, Lab Reagents Pre-Qualification form.docx' - Attached separately)
2. (Refer to 'Financial Bid (B) - Plasticwares & Glasswares Items.docx' - Attached separately)
3. (Refer to 'Financial Bid (C) - Artemia, Feeds, Probiotics & Other Hatchery Consumables.docx' - Attached separately)

PROJECT LOCATIONS:

SL. NO.	ADDRESS
1.	Central Aquaculture Laboratory (CGL & CAPL) Rajiv Gandhi Centre for Aquaculture (RGCA) 3/197, Poompuhar Road, Karaimesu Sattanathapuram - 609 109 Sirkali, Mayiladuthurai District, Tamil Nadu
2.	Aquatic Quarantine Facility(AQF) Rajiv Gandhi Centre for Aquaculture TNFDC Hatchery Complex, Beach Road, Kapaleeswarer Nagar, Neelankarai, Chennai - 600 115 Tamil Nadu
3.	Seabass Hatchery Project Rajiv Gandhi Centre for Aquaculture Koozhaiyar Road, Thoduvai, Thirumullaivasal - 609 113 Sirkazhi, Mayiladuthurai District, Tamil Nadu
4.	Mud Crab Project Rajiv Gandhi Centre for Aquaculture Koozhaiyar Road, Thoduvai, Thirumullaivasal - 609 113 Sirkazhi, Mayiladuthurai District, Tamil Nadu
5.	Aquaculture Demonstration Farm(ADF) Rajiv Gandhi Centre For Aquaculture (RGCA) (MPEDA, Ministry of Commerce & Industry, Govt. of India) Aquaculture Demonstration Farm Karukkalacherry Main Road Keehaoduthurai, Karaikal - 609 604, U.T. of Puducherry
6.	Artemia Project Rajiv Gandhi Centre for Aquaculture 2/340, Rajiv Gandhi Road, Tharuvaikulam- P.O Ottapidaram Taluk, Tuticorin - 628 105, Tamil Nadu
7.	Artemia Demonstration Farm(ADF) Rajiv Gandhi Centre for Aquaculture 1/273-2, 2, Kadaloor, Uppoor Post, Thiruvadanai Tk, Ramanathapuram Dist. Tamil Nadu.
8.	Shrimp Evaluation Study unit - Broodstock Multiplication Centre (SEU-BMC) Rajiv Gandhi Centre for Aquaculture Thekkurichi, Gnathipuram Post, Rajakkamangalam Taluk, Kanyakumari District, Tamil Nadu.
9.	Marine Finfish Hatchery Project(MFHP) Rajiv Gandhi Centre for Aquaculture Pozhiyoor, Trivandrum, Kerala - 695 513

10.	MPEDA-RGCA-MAC Rajiv Gandhi Centre for Aquaculture Vallarpadam Post, Cochin, Ernakulum Dist. KERALA – 682 504.
11.	Domestication of Tiger Shrimp Project (DTSP) Rajiv Gandhi Centre for Aquaculture Kodiaghat Village, Burmanalla P.O. Garacharama (Via), South Andaman - 744 105 A & N Islands
12.	L. vannamei Broodstock Multiplication Centre(Lv-BMC) Rajiv Gandhi Centre for Aquaculture Bheemuli Beach Road, Mangamaripeta Chepalauppada-531 163, Bheemunipatnam Mandal Visakhapatnam District, Andhra Pradesh
13.	Tilapia Project Rajiv Gandhi Centre for Aquaculture Manikonda Village, Unguturu Mandal - 521 260. Krishna District, Andhra Pradesh.