



# Rajiv Gandhi Centre for Aquaculture

(MPEDA, Ministry of Commerce & Industry, Govt. of India)



RGCA Tender No: 12/2022

Date: 21.07.2022

## **NOTICE INVITING TENDER** (Supply of Electrical Panel Boards)

Rajiv Gandhi Centre of Aquaculture (RGCA), a society under the Marine Product Export Development Authority (MPEDA), Ministry of Commerce and Industry, Government of India, invites bids through Limited Tender from material suppliers, for the Electrical Materials (Supply of Panel Boards) specified in the bill of quantity and to be delivered at its project site located in **Kanyakumari District, Tamil Nadu**.

Complete details relating to the tender can be viewed in the Central Public Procurement (CPP) Portal (<https://eprocure.gov.in/epublish/app>) and RGCA website (<https://v2.rgca.co.in/tenders.php>). Subsequent changes/amendments, if any, will be posted only on the aforesaid portal/website.

Prospective bidder should download the tender document from the CPP Portal or the website of RGCA and submit a hard copy of the bid duly filled on or before the due dates. Sale of physical tender document is not applicable.

For Pre-qualification details please refer Additional documents (Annexure - I, II and III), Tender documents (Annexure - IV and V) and Bill of Quantity (Annexure - VI).

For and on behalf of the Director RGCA

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Chief Administrative Officer, RGCA



# Rajiv Gandhi Centre for Aquaculture

(MPEDA, Ministry of Commerce & Industry, Govt. of India)



## Annexure-I

### IMPORTANT INFORMATION TO THE BIDDER

(RGCA Tender No: 12/2022)

Sl. No	Item	Description
1	Project Site	Rajiv Gandhi Centre for Aquaculture, Shrimp Evaluation Study Unit (SEU), Theckkurichi Village, Ganapathipuram Post, Rajakkamangalam - 629502, Kanyakumari District, Tamil Nadu.
2	Tender Inviting Authority	The Director, Rajiv Gandhi Centre for Aquaculture, (MPEDA, Ministry of Commerce & Industry, Govt. of India), 3/197, Poompuhar Road, Karaimedu Village, Sattanathapuram Post, Sirkali Taluk, Mayiladuthurai District, Tamil Nadu. Pincode: 609109. Ph: 04364 265200
3	Nodal Officer for the tender	The Chief Administrative Officer, Rajiv Gandhi Centre for Aquaculture, (MPEDA, Ministry of Commerce & Industry, Govt. of India), 3/197, Poompuhar Road, Karaimedu Village, Sattanathapuram Post, Sirkali Taluk, Mayiladuthurai District, Tamil Nadu. Pincode: 609109. Ph: 04364 265200 Email: <a href="mailto:anandkg.rgca@mpeda.gov.in">anandkg.rgca@mpeda.gov.in</a>
4	Mode of tendering	Closed Single bid system: Offline
5	Cost of bid document	Nil
6	Bid Security	Nil (Declaration in lieu of bid security needs to be submitted)
7	Tender Publishing Date & Time	21-07-2022 (09:00 hrs)
8	Pre-bid Clarification Date, Time, Address & Email	Prospective bidder may visit the below address at the date and time specified or send an email, for pre-bid clarifications, if any:  29-07-2022 (11:00 hrs) Rajiv Gandhi Centre for Aquaculture, (MPEDA, Ministry of Commerce & Industry, Govt. of India), 3/197, Poompuhar Road, Karaimedu Village, Sattanathapuram Post,

		Sirkali Taluk, Mayiladuthurai District, Tamil Nadu. Pincode: 609109.  Email: <a href="mailto:anandkg.rgca@mpeda.gov.in">anandkg.rgca@mpeda.gov.in</a>
9	Bid Submission Closing Date & Time	04-08-2022 (17:00 hrs)
10	Bid Submission Address	Rajiv Gandhi Centre for Aquaculture, (MPEDA, Ministry of Commerce & Industry, Govt. of India), 3/197, Poompuhar Road, Karaimedu Village, Sattanathapuram Post, Sirkali Taluk, Mayiladuthurai District, Tamil Nadu. Pincode: 609109.
11	Bid Opening Date, Time & Address	05-08-2022 (11:00 hrs) Rajiv Gandhi Centre for Aquaculture, (MPEDA, Ministry of Commerce & Industry, Govt. of India), 3/197, Poompuhar Road, Karaimedu Village, Sattanathapuram Post, Sirkali Taluk, Mayiladuthurai District, Tamil Nadu. Pincode: 609109.
12	Period of Bid Validity	90 days
13	Work Completion Period	8 Months from the date of work order

TERMS AND CONDITIONS  
(RGCA Tender No: 12/2022)

Special Conditions

1. Bid Submission, Opening and Evaluation:
  - a. Please submit the bids in offline mode, accordance with the terms and conditions, including the Special conditions and the General conditions.
  - b. Single sealed cover containing the duly filled Tender Documents (in the format as provided in Annexure-IV and V); and the Bill of Quantity (in the format as provided in Annexure-VI), should be submitted, either through post or in person, on or before the last date and time stipulated for bid submission. Sealed cover containing the bid shall be marked on top as “RGCA Tender No: \_\_\_\_\_”.
  - c. Bidder shall write his name and the unit price in the respective column provided in the Bill of Quantity (Annexure-VI)
  - d. If more than one goods/material/items are specified in the BOQ, then the bid should contain value for all goods/materials/items. Failing which the bid will be considered non-responsive.
  - e. If a bidder intends to submit bid for more than one brand, he may do so. However, he needs to submit separate bids for each brand.
  - f. All bids, will be opened on the scheduled date and time at the indicated venue. Bidder or his representative may be present and visualise the offline bid opening process.
  - g. Bid evaluation will be done based on the overall value of all the materials and contract will be awarded to the successful bidder.
  
2. Bid Security: All bidders shall submit a declaration in lieu of the bid security in the format provided in Annexure-V. Failing which the bid will be considered non-responsive.
  
3. Delivery and Acceptance:
  - a. Supplier shall submit a sample for all materials and get approval from the RGCA Engineer at project site.
  - b. Supplier shall deliver the materials at project site, during RGCA working hours, at his responsibility and cost.
  - c. Supplier shall delivery the material, within a period of seven days from the date of the respective supply order. Bids not meeting these criteria will be considered as non-responsive.
  - d. RGCA will issue multiple supply orders for the total quantity tendered, during the project construction period (approximately 8 months) and the supplier shall deliver materials against each supply order. Supply order may be issued based on the progress of the work.
  - e. All supplies are subject to inspection and approval before acceptance.

4. Payment Terms:
  - a. Payment shall be made after completion of delivery against each individual supply order, duly certified by the RGCA Engineer posted at the project site.
  - b. All payments shall be done to the bank account of the supplier.
  - c. All payments are subject to deductions as per applicable laws prevailing in India.
  - d. RGCA's normal payment terms are 100% (hundred percent) within 15 (fifteen) days on receipt of invoice and material, whichever is later and acceptance of material at project site in good condition.
  
5. Price of the Material and Bid Validity:
  - a. The price quoted for the material shall be firm for the total supply duration and shall not change based on market price fluctuations until the supplies are completed.
  - b. Price quoted should be net and valid for a minimum period of three months from the date of opening of the quotation. However, changes in taxes and levies, if any, from time to time may be considered, subject to production of documentary evidence.
  - c. Price shall be quoted in words and figures.
  - d. Price quoted should be free delivery at destination including all charges otherwise the bid is likely to be rejected. If there is no indication regarding the FOR, in the bid, then it will be considered as FOR destinations.

### **General Conditions**

1. Bids must be free from corrections/erasures. In case there is any unavoidable correction it should be properly attested. If not the bid will not be considered. Bid written in pencil will not be considered.
2. RGCA reserves the right to accept the offer by individual items and reject any or all bids without assigning any reason thereof and does not bind itself to accept lowest quotations.
3. Any technical specifications/ test report, ISI specification, IS/ISO standards, relating to the material, if any, must accompany the bid document. Make/brand of the material shall be stated wherever applicable.
4. Manufacturer/ supplier warranty certificates and manufacturer/ Government approved lab test certificate shall be furnished along with the supply, wherever applicable.
5. RGCA reserves the right to modify the quantity specified in this notice inviting tender.
6. If the deliveries are not maintained and due to that account RGCA will be forced to buy the material from elsewhere, at the risk and cost of the supplier. The loss or damage that may be sustained there by will be recovered from the defaulting supplier.

7. Force Majeure: The default in supply of material by contractor or non-acceptability of material at project site by RGCA due to cause beyond the control such as acts of God, natural calamities, civil wars, Fire, Strike, frost, floods, riots and acts of unsurpassed power, contractor or RGCA, as the case may be shall notify by the other party in writing within ten days from the date of such occurrence. In the event of delay due to such causes, the completion of schedule will be extended for a length of time at least equal to the period of force majeure. RGCA decision in this regard will be final. No cost escalation (material, machineries, and manpower) or compensation shall be considered during the period of force majeure
  
8. Dispute resolution: Any dispute relating to the notice inviting tender and the subsequent process and commitments, either by RGCA or the supplier, shall be resolved by mutual dialogue between the Director RGCA and the Authorized Representative of the supplier. If the dispute remains unresolved, then it can be resolved in the court having jurisdiction on the project site.

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**TECHNICAL SPECIFICATIONS**

(RGCA Tender No: 12/2022)

**1. MAIN DISTRIBUTION PANEL:**

EB INCOMER-(Approved brands for Switches and circuit breakers - ABB, L&T, Siemens), Supply of 1 No- 800Amps MDO, 415 Volts,55KA, 4 Pole, 50Hz, drawout type Microprocessor based air circuit breaker with CTs, overload + short circuit + earth fault release, with auxiliary contacts, shunt releases etc. complete in, Metering section:1set - Maximum Demand controller with RS485 communication ports, 3Nos - 800/5A CT ,CL 1.0, 10VA for metering, 1No - 800/5A CT for APFC relay, 1 Set - LED type RYB indication lamp with control fuses, 1 Set - Indication lamps for Breaker ON(Red), Breaker OFF (Green), Breaker Trip (Amber), 1Set -CDG11 Earth fault relay with Neutral CT Coils,

DG INCOMER: 1. (Approved brands for Switches and circuit breakers - ABB, L&T, Siemens): Supply of 1Nos-400A 4P MCCB. Metering section: 1set - EM6436 Digital load Manager, 1 Set - 400/5A CT, CL 1.0, 10VA for metering, 1 Set - LED type RYB indication lamp with control fuses

OUTGOINGS: 1No-400A TPN MCCB (APFC), 3Nos-250A TPN MCCB, 1No- 200A TPN MCCB, 2No- 125A TPN MCCB, Busbars:800A Busbar shall be aluminium busbar - with color coded busbar sleeves and SMC Bus bar supports. Current density of the busbars shall not exceed 0.8A/Sqmm.

**2. 400A TPN MCCB FOR CONSUMER CONTROL:**

Supply of 1No - 400A 25kA TPN MCCB with Rotary Handle, spreaders & Phase barriers in powder coated sheet steel enclosure, 1Set - R,Y,B Indication lamps

**3. COMPRESSOR PANEL:**

Incomer: Approved brands for Switches and circuit breakers (ABB, L&T, Siemens), Supply of 1No- 200A TPN SDF With HRC Fuselinks, Metering for Incomer (common): 3No - 200/5A Cast Resin CT's, Class-1, 10VA, 1No - Multifunction meter (V,I,F,P,E,PF), 1No - 2A MCB for control ckt. Protection, 1Set - R,Y,B Indication lamps, Bus bars:1Set - 250A TPN Aluminium bus bars, interconnections with colour coded heat shrinkable sleeves and SMC Bus bar supports. Current density shall be limited to 0.8A /sq.mm. Outgoings: 6Nos- 63A TPN SDF With HRc Fuselinks.

#### **4. SEA WATER PUMP PANEL:**

Incomer: Approved brands for Switches and circuit breakers (ABB, L&T, Siemens), Supply of 1No- 250A TPN SDF With HRC Fuselinks, Metering for Incomer (common): 3No - 250/5A Cast Resin CT's, Class-1, 10VA, 1No - Multifunction meter (V,I,F,P,E,PF), 1No - 2A MCB for control ckt. Protection, 1Set - R,Y,B Indication lamps, Bus bars:1Set - 250A TPN Aluminium bus bars, interconnections with colour coded heat shrinkable sleeves and SMC Bus bar supports. Current density shall be limited to 0.8A /sq.mm, Outgoings: 5Nos- 10HP S/D starter feeder, 2Nos- 5HP DOL starter feeder.

#### **5. 50kVAR APFC PANEL:**

Incomer: Approved brands for Switches and circuit breakers (ABB, L&T, Siemens), Supply of 1No - 160A, 18kA TPN MCCB with Rotary Handle, spreaders & Phase barriers, Metering for Incomer, 1set - RYB LED type indication lamps, 1set - Current Transformers 150/5A, class 1, 15VA for meter, 1Lot - Control MCB, 1no - 8 stage automatic electronic power factor controller/indicator, 1no - Auto / Manual Selector Switch, Bus bars:1Set - 160A TPN Aluminium bus bars, interconnections with colour coded heat shrinkable sleeves and SMC Bus bar supports, Outgoings:1sets - Each comprising Suitably rated TP MCB & Capacitor duty contactor, manual over ride circuitary with push buttons, indication lamps for capacitor ON/OFF, three phase delta connected 25KVAR capacitor, 1sets - Each comprising Suitably rated TP MCB & Capacitor duty contactor, manual over ride circuitary with push buttons, indication lamps for capacitor ON/OFF, three phase delta connected 10KVAR capacitor, 2sets - Each comprising Suitably rated TP MCB & Capacitor duty contactor, manual over ride circuitary with push buttons, indication lamps for capacitor ON/OFF, three phase delta connected 5KVAR capacitor, 2sets - Each comprising Suitably rated TP MCB & Capacitor duty contactor, manual over ride circuitary with push buttons, indication lamps for capacitor ON/OFF, three phase delta connected 2KVAR capacitor, 1set - Each comprising Suitably rated TP MCB & Capacitor duty contactor, manual over ride circuitary with push buttons, indication lamps for capacitor ON/OFF, three phase delta connected 1KVAR capacitor.

#### **6. ETP & WATER POND PLUMBING PANEL:**

Incomer: Approved brands for Switches and circuit breakers (ABB, L&T, Siemens), Supply of 1No- 250A TPN SDF With HRC Fuselinks, Metering for Incomer (common), 3No - 250/5A Cast Resin CT's, Class-1, 10VA, 1No - Multifunction meter (V,I,F,P,E,PF), 1No - 2A MCB for control ckt. Protection, 1Set - R,Y,B Indication lamps, Bus bars:1Set - 250A TPN Aluminium bus bars, interconnections with colour coded heat shrinkable sleeves and SMC Bus bar supports. Current density shall be limited to 0.8A /sq.mm, Outgoings: 4Nos- 10HP S/D starter feeder, 2Nos- 5HP DOL starter feeder, 9Nos- 2HP DOL starter feeder.



## 7. MLSB:

Incomer: Approved brands for Switches and circuit breakers (ABB, L&T, Siemens), Supply of 1No- 125A TPN SDF with HRC Fuselinks, Metering:1No-Digital MFM with CT coils, RYB indication lamps, Outgoings:7Nos- 63A TPN SDF with HRC Fuselinks, Busbar interconnections: 1set- 125A Aluminium busbar interconnections.

## 8. POWER PANEL

Incomer: Approved brands for Switches and circuit breakers (ABB, L&T, Seimens), Supply of 1No- 125A TPN SDF with HRC Fuselinks, Metering: 1No-Digital MFM with CT coils, RYB indication lamps, Outgoings: 6Nos- 63A TPN SDF with HRC Fuselinks, Busbar interconnections: 1set- 125A Aluminium busbar interconnections.

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(to be submitted in the letter head of the company/firm)

Annexure - IV

**TENDER FORM**  
(RGCA Tender No: 12/2022)

Name of the company/ firm	
Address of the company/ firm	
Phone No. of the company/ firm	
Email ID of the company/ firm	
Company/ firm Registration No. (attach Photocopy, if any)	
PAN (attach Photocopy)	
TIN/VAT/CST No. (attach Photocopy)	
GST No. (attach Photocopy)	
Name and Designation of the Authorised Person	
Contact address of the Authorised Person, along with mobile number and email id	
Name and brand for which the bid is submitted	
Delivery duration(against individual purchase /supply order)	

Enclosures:

- 1.
- 2.
- 3.

Place:

Signature of Authorised Signatory

Date:

Name & Seal

(to be submitted in the letter head of the company/firm)

Annexure - V

**BID SECURITY DECLARATION**

(RGCA Tender No: 12/2022)

I/we, \_\_\_\_\_, having office at \_\_\_\_\_ engage to supply the material(s) to RGCA project site and

- i) Accept that if I/we withdraw or modify my/our bids during the period of validity, or if I/we are awarded the contract and I/we fail to sign the contract, I/we will be suspended for a period of five years from being eligible to submit bids for any contracts with RGCA.
- ii) Comply with the tender schedule and technical specification indicated.
- iii) Comply with the item/tender specific conditions for this tender.
- iv) Accept the Terms and conditions including special conditions and general conditions printed in this tender.
- v) I/we understand that total quantity for the entire project is specified in the tender document, however multiple supply orders will be provided for the quantity to be delivered based on the progress of the work.
- vi) Confirm that set off for the ED, VAT, etc. Paid on the inputs have been taken into consideration in the above quoted price and further agree to pass on such additional duties as sets offs as may become available in future under VAT, etc.
- vii) Certify that I/we have not been debarred by any Government/Undertaking.
- viii) Certify that the rates quoted are not higher than the rates quoted for same item to any Government/ Undertaking.
- ix) Certify that the bid submitted by me/us is properly sealed and prepared so as to prevent any subsequent alteration and replacement.

Place:

Signature of Authorised Signatory

Date:

Name & Seal