



COASTAL AQUACULTURE AUTHORITY

(Department of Animal Husbandry, Dairying and Fisheries)

Ministry of Agriculture & Farmers Welfare

Government of India

12-A, Bharathi Street, Vanuvampettai,

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Expression of interest for supply of SPF brood stock of *L. vannamei*

The Department of Animal Husbandry, Dairying and Fisheries, Ministry of Agriculture, Government of India has introduced SPF brood stock of *L. vannamei* for commercial scale culture in the country on specific terms and conditions.

The Coastal Aquaculture Authority (CAA) in consultation with other concerned agencies has already shortlisted the SPF *L. vannamei* suppliers based on the genetic base and disease free status and the import of SPF brood stock has been channelized only from such suppliers. It is proposed to add more potential suppliers of SPF *L. vannamei* brood stock in the approved list based on the genetic base and experience in the field.

Expression of interest is sought from well established producers of SPF brood stock throughout the world from EMS (Acute Hepatopancreatic Necrosis Syndrome (AHPNS) free sources for inclusion in the list as suppliers. Interested firms who have substantial expertise in production of SPF brood stock of *L. vannamei* may apply to the '**Member Secretary, Coastal Aquaculture Authority, 12-A, Bharathi Street, Vanuvampettai, Chennai – 600 091, India** with full details regarding their credibility for further consideration and empanelment as suppliers of this species.

The details may be furnished in the following format:

- Origin of the stock.
- Certificate indicating the SPF status of the brood stock indicating the pathogens screened/excluded for establishing SPF status.
- Brief history of the genetic development of the SPF stock indicating the total number of families involved in the genetic selection, number of generations, traits and the overall gains realized in the selection programme.
- Certificate indicating the history of disease occurrence in the brood stock rearing facility of the exporter for the last two years.
- Genetic improvement of SPF and status of production of SPR stocks, if any.

- Facilities available at the production centre for holding SPF brood stock and bio-security and the quarantine protocols.
- Development of a DNA stamp to identify the product and traceability, marker development to determine the origin, etc.
- Proof regarding sourcing of basic stock from the United States Marine Shrimp Farming Programme (USMSFP)/SPF certification by USMSFP or from other sources.
- Experience, extent of supply of SPF brood stock of *L. vannamei* to other organizations/ countries including setting up of Nucleus Breeding Centre and Multiplication Centre.
- Performance and production details (disease outbreaks, successful crops) during the last two years.
- Laboratory facilities available for testing the health of shrimp.
- Certifying authority from the Government for the Nucleus Breeding Centre and Multiplication centres from where the SPF stock is to be supplied.
- Capacity to supply SPF brood stock of *L. vannamei* and year round availability.

The above information should be substantiated through convincing evidence including credentials from the recipients of the stock in the international market; or renowned scientific institutions/research bodies.

Firms would be required to make a presentation in support of the above facts before the Committee chaired by the Coastal Aquaculture Authority to consider enrollment of their names in the list of potential suppliers of SPF *L. vannamei* brood stock.

(P. Ravichandran)
Member Secretary