INTRODUCTION:

Odisha is an important Coastal State of India having vast potential for development of fisheries and aquaculture. The State Govt. in F & ARD Dept. have launched Odisha Fishery Policy, 2015 with an aim to double the fish production by the year 2020 utilizing the water bodies, waste land etc. under scientific farming so that the road to double the production and farmers income will be wide open.

The State is endowed with 4.18 Lakh Ha of potential brackish water area for fish and shrimp production comprising 2.98 lakh ha estuaries, 0.081 lakh ha of back water, 0.80 lakh ha of Chilika lake and 0.32 lakh ha of brackish water cultivable area. The average productivity is 5.0 MT/Ha/Year in 2018-19.

1. OBJECTIVES:

1. To increase Brackish water shrimp production and export.
2. To ensure livelihood support, income and, employment generation

2. BACKGROUND:

Odisha has gained important status in context of seafood exports of the country in the last 3-4 years. The total quantity of marine products exported from Odisha during 2017-18 was 53344 MT valued at Rs. 3000 Crores.

Considering the limitation of infrastructure facility available in the brackish water clusters, the proposal has been made to go for stocking of 3.00 lakh PL per Ha. The productivity has been targeted as 6.00 MT/Ha.
The trend of brackish water shrimp production in last five years is as given below

<table>
<thead>
<tr>
<th>Year</th>
<th>Fresh water fish production from inland (MT)</th>
<th>Brackish water shrimp/ fish production (MT)</th>
<th>Marine fish production (mt)</th>
<th>Total fish production (mt)</th>
<th>Growth (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2013-14</td>
<td>263862</td>
<td>30007</td>
<td>120020</td>
<td>413889</td>
<td>--</td>
</tr>
<tr>
<td>2014-15</td>
<td>300964</td>
<td>35372</td>
<td>133211</td>
<td>469548</td>
<td>13.44</td>
</tr>
<tr>
<td>2015-16</td>
<td>336216</td>
<td>40307</td>
<td>144755</td>
<td>521278</td>
<td>11.01</td>
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<td>2016-17</td>
<td>393730</td>
<td>61268</td>
<td>153102</td>
<td>608100</td>
<td>16.65</td>
</tr>
<tr>
<td>2017-18</td>
<td>454189</td>
<td>79963</td>
<td>150838</td>
<td>684963</td>
<td>12.63</td>
</tr>
</tbody>
</table>

3. RATIONAL OF PROJECT PROPOSAL:

The shrimp culture practices and technology adopted in Odisha is much extensive and traditional and the production is entirely export oriented. Govt. of Odisha has targeted to increase Seafood Export from present level of Rs.3000 cr. to Rs. 20,000 cr. Shrimp alone contributes 93% of the export commodity.

4. TARGET GROUP:

In Odisha, 15300 ha area are under brackish water aquaculture and producing 60000 MT shrimp annually. Every year 600ha new tanks are developed under different schemes like RKVY, Blue Revolution etc. The farms registered under CAA will be eligible for financial assistance under this scheme.

5. PROJECT DETAILS:

The proposed funds shall be utilized for construction of new ponds only for brackish water aquaculture covering an area of 300 ha by providing financial assistance based on revised Govt. of India norms. Unit cost shall be
Rs 10.00 lakh for construction of new pond including inlet, outlet, water supply system and input cost.

6. SCHEME IMPLEMENTING AGENCY:
   The project shall be implemented by the Directorate of Fisheries, Odisha, Cuttack through the District Fisheries Officers of Coastal Districts and their field functionaries.

7. OPERATIONAL PROCEDURE:
   Selection of potential farmers for excavation of pond for intensive aquaculture will be done as per the Blue Revolution Guidelines issued by the Govt. of India. Central financial assistance shall be restricted to a maximum area of 2.00 ha for individual beneficiary.

   Site selection and identification of beneficiary at Block level will be done by field level fisheries officials. Cluster approach will be preferred for site selection to facilitate availability of infrastructure support. The plan and estimate for tank construction will be done by the District Fisheries Officers involving the Engineering personnel basing on the prevailing PWD schedule of rate prescribed by the State Govt.

8. MONITORING & SUPERVISION:

   The Zonal Deputy Director of Fisheries, Dy. Director of Fisheries BW, Joint Director of Fisheries (Coastal), Addl. Director of Fisheries (Tech.) as well as Director of Fisheries shall monitor and supervise the implementation of the scheme.

9. AUDIT:
   The allotment and expenditure of funds shall be audited by Principal Accountant General, Odisha and Internal Audit of Fisheries and ARD Department.