

**MINUTES OF THE 11<sup>TH</sup> MEETING OF THE HIGH LEVEL EMPOWERED  
COMMITTEE (HLEC) OF REBUILD KERALA INITIATIVE (RKI) HELD ON  
TUESDAY, 13<sup>th</sup> OCTOBER, 2020 THROUGH VIDEO CONFERENCE**

The meeting started at 11.30 AM. The Chief Secretary welcomed the participants (list of participants is attached). The Additional Chief Secretary & CEO, RKI detailed the agenda set for the meeting. The Committee deliberated on the agenda items one by one.

**1. Presentation of Action taken Report on previous HLEC decisions and the present status report.**

The ACS & CEO, RKI presented the Action Taken Report (ATR) before the Committee.

**(i) Change in operational guidelines of RKI for expediting the implementation of projects**

The ACS, Finance Department (& CEO, RKI) and the ACS, Planning & Economic Affairs Department stated that, as per directions of the previous HLEC meeting, the matter was discussed, and it is decided to amend the operational guidelines incorporating the following condition.

“In the case of projects for which the Council of Ministers have accorded in-principle approval, the Departments concerned shall initiate the tender proceedings immediately, and subject to the issue of Administrative Sanction for the project with the approval of the HLEC, such tenders can be finalized.”

The ACS, Planning informed that the RKI guidelines are being amended to that effect.

**(2) Regular monitoring and review of RKI projects**

The Committee was informed that CEO, RKI held review meetings in August, September and October 2020, since the previous meeting of the HLEC, and that the CEO, RKI is monitoring the projects on a regular basis.

**(3) Construction of a groyne near the Thottappally Spillway**

The CEO, RKI informed the Committee that the proposal for “*Protection Work To Thottappally Pozhy mouth in Purakkad Gramapanchayat in Ambalappuzha*” at a cost of Rs. 14.70 crore has been submitted to RKI, but it has to be put up before the RKI-IC for the scrutiny, after which it can be placed before the HLEC for

approval. Chief Engineer, Irrigation Department clarified that the proposal includes (i) construction two groynes on either side of the Pozhy mouth, (ii) protection wall on both banks of Pozhy mouth and Investigation and (iii) model study to be undertaken by the National institute of Ocean Technology, Chennai. The Joint Secretary, RKI stated that the proposal has the following components.

- (i) 150m Groynes on both sides of pozhy mouth @ Rs.5.884 crore
- (ii) Protection wall on both banks of pozhy mouth @ Rs.5.109 crore
- (iii) Documentation @Rs.0.0580 crore
- (iv) Investigation & model study @ Rs.2.0 crore, and
- (v) Printing & stationery @ Rs.0.02 crore.

Out of this, the study component will be covered during the preparation of DPR for the Room for River project, which is already sanctioned under the RKI. Hence the study portion must be optimized taking this into view.

The Chief Secretary stated that it has to be scientifically validated before giving final approval for the construction of the groynes. The amount proposed can be sanctioned in-principle for the project to prevent sand accumulation at the mouth of the Thottappally Spillway, subject to scientific validation. The Chief Secretary iterated that the Water Resource Department shall ensure that the groyne must be located in such a way, so as to prevent sand accumulation at the mouth of the Pozhy.

#### **(4) Issuing Administrative Sanctions to various projects approved in the previous HLEC meeting.**

The ATR also detailed the various sanctions for the proposals from different departments, viz; **(a)** 7 PWD roads vide G.O. No.317/2020/P&EA dated 15/8/2020, **(b)** 3 projects in the Agriculture Department, viz; (i) Setting up of Centre of Excellence (COE) in vegetables and flowers at Ambalavayal, Wayanad, (ii) Comprehensive and Sustainable Agricultural Development Programme for Attappady Tribes and (iii) Strengthening of e-Governance in Agriculture Department, **(c)** Reconstruction of 5 flood affected LSGD bridges through LSGD Engineering wing, **(d)** 3 projects of Clean Kerala Company Ltd. (CKCL) for 3 projects, viz; (i) Setting up of District Level sorting & Segregation Facility in Thiruvananthapuram (Rs.504.50 Lakh), (ii) Setting up of Material Collection

Facility in all Government Offices (Rs.274.13 Lakh, and (iii) Integrated Plastic Waste Management Facility (Rs 201.90) Lakh.

**(5) Support to Secretaries/ HoDs/ Implementing agencies**

The CEO, RKI also informed the Committee that based on request made in the meeting held with the Secretaries and HoDs of the major implementing Departments on 13/08/2020, the RKI-PMSS resources have been supporting KWA, KUSDP, Suchitwa Mission, Clean Kerala Company Limited and others who have requested for their support. The CEO, RKI reiterated that any Department can approach the RKI for technical and procurement support, and those support as requested by the departments, arriving within the scope of work of the RKI-PMSS, would be provided at once.

**(6) Upgradation of Alappuzha- Changanassery road into semi-elevated Highway.**

The CEO informed the Committee that Administrative Sanction has also been issued for a revised amount of Rs.671.66 crore for the Upgradation of Alappuzha-Changanassery road into semi-elevated Highway based on the revised estimate submitted by KSTP, in line with the directions of the HLEC. It was also informed that the work has been awarded and the work's inauguration was done by the Hon'ble CM on 12<sup>th</sup> October 2020.

**(7) Status Report on RKI**

The CEO informed the Committee that the Government have so far given in-principle approval for projects worth Rs.5,799 crore under the RKI. Including this, the RKI has so far given Administrative Sanction for projects worth Rs.6,979.20 crore, and Rs.3,670.89 crore worth works have been awarded/ tendered so far. The RKI has so far allocated an amount of Rs.265.69 crore to 9 Departments/ implementing agencies, and the expenditure incurred as on 10<sup>th</sup> October is Rs.155.87 crore. A snapshot of the progress made under the RKI was also presented before the Committee.

CEO, RKI assured that details of the amount of works tendered, works awarded, the physical and financial progress of the projects, etc., will also be presented during the HLEC meetings henceforth.

## Decisions

The HLEC, having perused the ATR and the status report, issued the following directions.

- i. Regular monitoring and review of RKI projects by the CEO, RKI and the Secretaries concerned should be done to ensure timely implementation of projects. The HLEC should also meet more frequently, *possibly once a month*, so that proper monitoring of the progress of the project implementation is ensured.

**[Action: CEO, RKI; All Secretaries concerned]**

- ii. The Committee directed the RKI to place the DPR titled "*Protection Work To Thottappally Pozhy mouth in Purakkad Gramapanchayat in Ambalappuzha*" submitted by the Irrigation Department, WRD before the Council of Ministers for in-principle approval of the proposed project cost, subsequent to approval of which, *on scientific validation of the proposed interventions*, final approval for the construction of the groynes shall be given. The proposed study may be undertaken after taking into account the terms of reference of the study for the preparation of DPR for the Room for River project so that duplication of efforts be avoided. The Committee mandated that the groyne must be located in such a way as to prevent sand accumulation at the mouth of the Pozhy.

**[Action: ACS (WRD), CEO, RKI]**

## **2. Presentation of DPRs/Presentation of new project proposals/ DPRs/**

### **Estimates by various departments**

After the overall review, new proposals submitted by individual Departments were taken up. The observations of the RKI-IC on the projects are detailed in the **Annexure** to this minutes.

- i. **Fisheries Department: River Training works at various locations viz. (i) Puthiyangadi (Rs.28.60 crore), (ii) Shiriya (Rs.45.34 crore)**

The Harbour Engineering Department (HED) submitted 3 proposals for River Training works at various locations viz. (i) Puthiyangadi (Rs.28.60 crore), (ii) Chithari- Ajanur (Rs.43.25 crore), and (iii) Shiriya (Rs.45.34 crore) for implementation under the RKI. Considering the significance of the project in flood

management envisaged for protecting adjoining areas from routine flooding and improving water management systems in estuaries, alignment with the Room for River Project, geography and number of beneficiaries, and taking into account the RKI's current funding priorities and constraints, the RKI-Implementation Committee recommended to take up the river training works in **Puthiyangadi in Kannur District and Shiriya in Kasaragod District** for the HLEC's approval, after optimizing the costs and complying the conditions. After optimizing the cost, HED resubmitted 2 proposals for River Training works at various locations viz. **(i) Puthiyangadi (Rs.28.60 crore), and (ii) Shiriya (Rs.24.30 crore)** for taking up under RKI for a total project outlay of **Rs.52.90 crore** for implementation in a duration of 2 years.

The Chief Secretary expressed his appreciation of the novel initiatives for optimizing cost using natural barriers like mangroves for protection; however, sought clarity on whether the environmental ramifications have been duly considered while preparing the DPR. He opined that the DPR should be vetted by the Irrigation Department also, and their views should be given before placing again for approval.

#### **Decision taken**

HLEC decided that the proposal shall be vetted jointly by the Water Resources and Harbour Engineering Departments before placing the proposal again in the next HLEC.

***[Action: ACS, WRD; Secretary, Fisheries; CEO, RKI]***

#### **ii. Agriculture Department: Enhancement of existing State Bio Control Laboratory at Mannuthy.**

The Agriculture Department presented before the Committee, the revised project proposal and requested to issue administrative sanction for the same. The total cost of the project is estimated to be Rs.30.21 crore, out of which, an amount of **Rs.27.41 crore** is requested from the RKI. The staff costs are proposed to be met from the non-plan funds of the Agriculture Department.

The Principal Secretary, Agriculture Department, submitted to the Committee that a one-time funding of Rs.1.60 crore may be provided to meet recurring costs

during the first year of operations towards working capital.

The HLEC, having approved the DPR, subject to the changes recommended by the RKI-IC, directed that the Department shall ensure that the project becomes self-sustainable from the second year of operation.

#### **Decision taken**

The HLEC approved the DPR submitted by the Agriculture Department, subject to the changes recommended by the RKI-IC (*refer Annexure*) and ensuring self-sustainability. The Committee directed the RKI to place the DPR before the Council of Ministers for in-principle approval of the project, and subject to such approval, to issue Administrative Sanction to the project.

**[Action: CEO, RKI]**

### **iii. Department of Women and Child Development: DPR for reconstruction of 29 Anganwadi centers into SMART Anganwadis**

The Department of Women and Child Development submitted a DPR for reconstruction of 29 Anganwadi centers and upgradation as SMART institutions with child friendly infrastructure facilities in a resilient manner at an estimated cost of **Rs.8.43 crore**. The proposal is for Reconstruction of 29 Anganwadi Centres, across 6 Districts, viz., Thiruvananthapuram, Alappuzha, Thrissur, Palakkad, Wayanad & Kozhikode, that were damaged during the floods of 2018. These Centres are proposed to be reconstructed in a standardized manner as smart institutions with classroom, outdoor and indoor play area, creative zone, dining area, kitchen, separate washrooms for adults and kids, swimming pool and other facilities, which will stimulate both physical and mental development of children. This is expected to benefit 1,521 children below 6 years, pregnant & lactating mothers, & adolescent girls in the age group of 11-18 years.

It was reported by the Department that the name of the Project will be changed from Smart Anganwadi to **Modern Anganwadi** Project.

The HLEC approved the DPR submitted by the Women and Child Development Department, subject to the conditions prescribed by the RKI-IC.

#### **Decision taken**

The HLEC approved the DPR submitted by the Women and Child Development Department, subject to the conditions prescribed by the RKI-IC (*refer Annexure*),

and directed the RKI to place the DPR before the Council of Ministers for in-principle approval of the project, and subject to such approval, to issue Administrative Sanction to the project.

**[Action: CEO, RKI]**

**iv. Department of Environment: DPR from Malabar Cements Ltd. to establish solid waste derived alternate fuel handling system in Rotary Kiln System**

The Environment Department submitted a DPR from Malabar Cements Ltd. to establish solid waste derived alternate fuel handling system in Rotary Kiln System at an estimated cost of Rs. 44.62 crore with the project duration of one year.

The HLEC raised doubt on whether the endeavour by a PSU need to be supported from the RKI funds. To this, the Executive Director, Suchitwa Mission & Director, Environment submitted before the Committee that, as mandated by Kerala State Pollution Control Board (KSPCB), all industrial units in Kerala, using fuel and located within 100 Km of a solid waste-based Refuse Derived Fuel (RDF) Plant, have to replace at least 25% of their fuel requirement with RDF. And that at present, there is no such facility in any cement manufacturing unit in Kerala for disposal of non-recyclable plastic. Hence, he requested that, considering that the MCL is the single such manufacturer in the state, the environmental benefit of having at least one facility for scientific disposal of non-recyclable plastic in Kerala may be considered by the Committee.

The RKI-IC has recommended the project, provided the MCL also explores other sources of funding for this environment project, like the Global Environment Fund (GEF) that finance innovative businesses that deploy proven technologies, energy efficient products and services, utilize fewer raw materials, promote improved environmental quality and more efficient use of natural resources. The RKI-IC suggested that the support from RKI could be limited to gap funding.

**Decision taken**

The HLEC approved the DPR submitted by the Environment Department, subject to such changes recommended by the RKI-IC (*refer Annexure*), and with the additional mandatory condition that Malabar Cements Ltd. will be required to utilize the maximum feasible capacity of the alternate solid waste-derived fuels to ensure

scientific disposal of non-recyclable plastic in the state on a sustained basis. The Committee demanded the Industries Department to evolve a mechanism to ensure that the above condition is met. The Department shall explore other sources of funding as recommended by the RKI-IC, and approach the RKI for gap-funding.

The Committee directed the RKI to place the DPR before the Council of Ministers for in-principle approval of the project, and subject to such approval, to issue Administrative Sanction to the project, based on the above.

***[Action: CEO, RKI; Prl. Secretary, Environment; Prl. Secretary, Industries]***

**v. DPRs received from PMU LSGD – 21 LSGD Roads in various districts in the State of Kerala**

The PMU-LSGD submitted the DPRs of 21 roads, at an estimated cost of Rs.40 crore before the HLEC, and sought issue of Administrative Sanction to the works. The Principal Secretary, LSGD submitted that the roads proposed were included in the list of roads under the first phase of “Reconstruction of flood damaged LSGD roads”, as per which a total of Rs. 488 Crore [*Rs.315 Crore for Category A roads (RoW>5 m) & Rs.173 Crore for Category B roads (RoW<5mtrs)*] which was accorded in-principle approval vide G.O.(Ms.)25/2019/P&EA dated 13/08/2019. The RKI has earlier issued Administrative Sanction for 25 roads from this list, for an estimated cost of Rs. 53.14 crore, and that the present 21 roads may also be issued Administrative Sanction.

**Decision taken**

The HLEC approved the DPRs of the 21 roads submitted by the PMU-LSGD, and directed the RKI to issue Administrative Sanction for the same. The Committee instructed the Department that all works should be expedited.

***[Action: CEO, RKI; Prl. Secretary, LSGD]***

**vi. Public Works Department: Revision of estimate of Airport- Shangumukham beach road of Thiruvananthapuram district**

The Government have accorded Administrative Sanction for the Restoration of Airport- Shangumukham beach road of Thiruvananthapuram district (Phase I & II), for an estimated cost of Rs.5.39 crore (*Phase I - 429 lakh + Phase II - 110*



*lakh*), as per G.O.(Rt.) No.227/2020/P&EA dated 27/05/2020, under the RKI. The provisions provided in the estimate of the Phase-II of work is now reported inadequate for proper completion of the proposal, requiring **an additional amount of Rs.56 lakh** for the reconstruction of the damaged road, thereby *estimating a total amount of Rs 166.20 lakh under Phase- II.*

The Secretary, PWD informed the Committee of the reason for revision of the estimates. The Committee acknowledged the urgency and high importance of the project, and decided to approve the revised estimate.

#### **Decision taken**

The HLEC approved the revised estimate, subject to the conditions recommended by the RKI-IC (*refer Annexure*). The Committee directed the RKI to issue revised Administrative Sanction to the project to the above effect. The Committee further directed the PWD to ensure that the work is completed in an expeditious manner.

**[Action: CEO, RKI; Secretary, PWD]**

#### **vii. Clean Kerala Company Ltd.- District level sorting and segregation facility & glass waste management unit at Thrissur**

The project proposal (with 6 project components) of Clean Kerala Company Ltd. amounting to Rs.53.50 crore was given in-principle approval vide G.O.(Ms.) No.28/2019/P&EA dated 15/11/2019. Some of these components have already been accorded Administrative Sanction. In continuation, the CKCL has submitted a DPR for District level sorting and segregation facility (Rs.1.84 crore) & Glass waste management unit (Rs.42 lakh) at Thrissur, and requested to issue Administrative Sanction for the same.

The Principal Secretary, LSGD submitted to the Committee that as per the section 4(3) of Solid Waste Management Rules 2016, "*All waste generators shall pay such user fee for solid waste management, as specified in the bye-laws of the local bodies*". She also added that there is already a policy in place, and the local bodies will be able to enforce this, once the policy is converted into a regulation.

#### **Decision taken**

The HLEC approved the DPR submitted by the Clean Kerala Company Ltd., and directed the RKI-IC to issue Administrative Sanction to the projects, subject to

the condition that the CKCL should explore the possibility of formulating business models, introducing user-fee based on “*polluter pays*” principle to ensure sustainability of the project.

**[Action: CEO, RKI; Pri. Secretary, LSGD]**

#### **viii. Kudumbashree Mission: Revised DPR for ongoing projects**

The Government, as per G.O.(Rt.) No.505/2019/P&EA dated 28/11/2019, approved and issued Administrative Sanction for various Kudumbashree projects, including the Egg Value Chain Project worth Rs.8 crore. Now, the Kudumbashree Mission has requested that **the project ‘Egg Value Chain Project’ may be dropped**, and that the savings in this regard may be allowed to be **reappropriated** in the following manner. *i) Rs. 1 crore for a new project component, viz; “ERP”, and ii) the remaining amount for the various other approved project components.*

In addition to the above, the revised DPR also requested approval for a change in the project components of the already approved *Kerala Chicken Project* in the following composition, viz; (a) 250 Farm Integration Rs. 10.67 crore; (b) 84 Sales outlets Rs. 1.26 crore.; and (c) Thiruvananthapuram Plant Rs. 10.07 crore, within the approved cost of Rs.22 crore. The proposal was considered by the RKI-IC in its meeting dated 24/09/2020 and it approved dropping the Egg Value Chain project and restructuring the Kerala Chicken Project as per the revised DPR.

The Executive Director, Kudumbashree provided a quick overview and progress of the projects in general, and justified the need for dropping the Egg Value Chain project and restructuring of Kerala Chicken Project. He also informed that Community Enterprise Fund (CEF) providing soft loan assistance for starting micro-enterprises is a revolving fund and that, this is proposed to be continued as a sustainable project beyond 2 years.

The CEO, RKI stated that Kudumbashree has made good progress and hence the revised proposal can be approved.

#### **Decision taken**

The HLEC approved the revised DPR submitted by the Kudumbashree Mission

for reappropriation of funds for revised project components and dropping of Egg Value Chain, subject to the conditions recommended by the RKI-IC (*refer Annexure*), and directed RKI to issue revised Administrative Sanction accordingly. The HLEC suggested that a joint meeting needs to be conducted with the Kudumbashree and Animal Husbandry Department to delineate the project components covered under both the departments.

***[Action: CEO, RKI; Prl. Secretary, LSGD, Secretary, AHD]***

### **3. Resilient Kerala Development Programme-II-Program for Results (PforR) engagement with the World Bank**

The ACS & CEO RKI apprised the Committee that, due to the COVID-19 crisis and associated expenses, DPO-2 of the World Bank proposed towards the Resilient Kerala Development Program was put on hold by the Government of India. Further, the GoI advised the State Government to explore some other instrument such as IPF or PforR. Consequently, GoK sought DEA's approval for the restructuring of the proposed World Bank Second Resilient Kerala Development Policy Operation (DPO-2) as a PforR (Programme for Results) engagement and a Preliminary Project Report has been submitted to the DEA in this regard (PPRId:11045). The World Bank conducted a Kick-off meeting with the Chief Secretary and Secretaries of other relevant departments on 26/08/2020 in furtherance to the PforR engagement. Sector meetings on a one-to-one basis with the respective Secretaries and officials of the Departments of Agriculture, Finance, Health, PWD, LSGD, Revenue & Disaster Management, and Water Resources Department were conducted. A wrap-up meeting was conducted with the Chief Secretary on 08/10/2020.

CEO, RKI briefed the Committee that the timelines proposed by the WB for the approval of funds, and the agreement is expected to be signed by end of this financial year after the approval by the board of the World Bank.

#### **Decision taken**

The Committee took note of the progress made in the PforR engagement with the World Bank.

#### **4. Additional items discussed:**

Other matters discussed are as under:

ACS, Planning and Economic Affairs Department stated that the RKI expenditure as seen in the PLANSPACE portal is Rs. 1 crore against an outlay of Rs. 1,000 crore. He requested the RKI to take steps to update the expenditure figures in the PLANSPACE portal immediately, and to update the figures on a routine basis.

He further placed on record his concern about the volume of funds available with the RKI seen against the backdrop of the overall quantum of funds committed by the RKI for its approved projects. As of now, only \$250 million which is about Rs. 1,750 crore have been received by the Government of Kerala as part of the DPL. Since the GoI has decided to put on hold the DPL-2, immediate availability of additional funds cannot be expected now. The World Bank has indicated that the remaining funds of \$250 million would come through PforR, for which there is a long way to go. Though the KfW had indicated that they would be in a position to provide some assistance, confirmation regarding the same is yet to receive.

To this, the CEO, RKI replied that a separate agreement, for an amount of around \$170 million for undertaking PWD road works, has been signed with the KfW on a reimbursement basis. And another \$110 million is expected from KfW as a co-financing to DPL-1, for which GoI permissions are underway. Also, certain projects like the PWD road works are long term projects, for which the assistance expected through PforR in the coming FY will help funding.

The ACS, Planning requested that, with the RKI's total commitment of around Rs. 7000 crore for which AS has been issued at present, the HLEC may look whether we are over-committing ourselves and that we must have a clear idea of the sources of funds to meet the commitment.

#### **Decision taken**

1. CEO, RKI shall take urgent steps to update expenditure details in PLANSPACE portal.
2. CEO, RKI shall undertake a review at his level regarding the availability of funds so that there is an assessment of the total sanction accorded and the funds committed. A bilateral discussion may be held with the ACS, Planning on the

issue. The Committee advised that, based on the availability of the funds, new approvals may be frozen till fund availability is ensured. Current focus should be on speedy implementation of all projects approved, tendered and awarded.

The meeting concluded at 12.50 PM with vote of thanks from the Chair.

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## Annexure

### **COMMENTS OF THE RKI-IC ON VARIOUS PROJECT PROPOSALS/ DPRs PLACED BEFORE THE HLEC FOR APPROVAL**

#### **i) Project proposal received from Harbour Engineering Department under the department of Fisheries and Ports - River Training works at 3 locations viz., Puthiyangadi, Chithari-Ajanur and Shiriya.**

The Harbour Engineering Department submitted 3 proposals for River Training works at various locations viz. (i) Puthiyangadi (Rs.28.60 crore), (ii) Chithari-Ajanur (Rs.43.25 crore), and (iii) Shiriya (Rs.45.34 crore). The estimates were prepared using Kerala Government's PRICE software, which is based on the DSR and the current cost index.

The Committee acknowledged the significance of the proposed project in flood management envisaged through protecting adjoining areas from routine flooding and improving water management systems in estuaries, thereby closely aligning with the Room for River Project under the Water Resources Department.

The Committee observed that the project proposes to provide perennial opening of estuary to avoid flooding up on the upstream side of river /creek while offering multiple socio-economic benefits, viz; Flood Control, safety and prosperity to fishermen, improvement of fisheries and allied business and improvement of coastal and backwater tourism.

The CE-HED apprised the Committee of the various aspects of the project, including its proposed interventions, implementation plan, project optimization etc..

The project geography and number of beneficiaries were reviewed by the Committee. In view of the same and considering RKI's current funding priorities and constraints, the Committee recommended to take up the river training works in Puthiyangandi in Kannur District and Shiriya in Kasaragod District, for HLEC's approval, subject to the following:

1. The Department shall optimize the project outlay by suggesting low cost alternatives such as, say, natural protection through mangroves in the leeward side, and removing such components which do not directly influence the project outcome, etc.

2. The Department shall ensure that the dredging operations are carried out by engaging competent firms like Dredging Corporation of India Ltd.

3. The Department shall ensure that the general project and the component specific conditions agreed upon are strictly followed, and that the project outcomes and sustainability are ensured for a minimum period of ten years.

**ii) DPR received from the Department of Agriculture Development and Farmer's Welfare - Enhancement of existing State Bio Control Laboratory at Mannuthy.**

The proposal is for upgradation of the existing State Bio Control Laboratory at Mannuthy by constructing new buildings for increasing the production capacity. The total cost of the project is estimated to the cost of Rs.30.21 crore, out of which, an amount of Rs.27.41 crore is requested from the RKI.

The Committee noted that the revised DPR submitted by the Department and the responses provided via email provide the following clarifications:

- The demand assessment was done assuming that 30-40% of the cropped area will consume/ use bio pesticide and bio control agents in the crop production process. This demand is expected to increase, due to the increasing significance of organic, safe-to-eat, and GAP-facilitated food products. Usage of Bio control agents is showing a steady increase in the production of export oriented spices crops since the consuming countries strictly demand low residue products.

- The salary costs will be met from Department's Non-Plan Funds.

- The land for the new facility will be provided from the Department-owned State Seed Farm, Mannuthy, which is adjacent to the current SBCL production unit.

During the discussion, Dy. Director, Agri-PPM Cell also clarified that the additional manpower requirements for the lab would be met through re-deployment of staff and that no fresh post creation for operationalization of the project would be done.

Subject to the above, and further that the Department commits that entire project will be made self-sustainable, the Committee recommended the proposed project to be considered by the HLEC for its approval.

### **iii) DPR received from the Department of Women and Child Development – Construction of Smart Anganwadi buildings**

The Department proposes reconstruction of 29 Anganwadi centers and upgradation as SMART institution with child friendly infrastructure facilities in a resilience manner at an estimated cost of Rs.8.43 crore.

The Committee evaluated the DPR, and observed that the proposal is for Reconstruction of 29 Anganwadi Centres, across 6 Districts, viz., Thiruvananthapuram, Alappuzha, Thrissur, Palakkad, Wayanad & Kozhikode, which were damaged during the floods of 2018. These Centres are proposed to be reconstructed as smart institutions with classroom, outdoor and indoor play area, creative zone, dining area, kitchen, separate washrooms for adults and kids, swimming pool and other facilities, which will stimulate both physical and mental development of children. This is expected to benefit 1,521 children below 6 years, pregnant & lactating mothers, & adolescent girls in the age group of 11-18 years.

The Committee noted the significance of establishing the smart Anganwadi Centres in the proposed flood-affected sites and need for maintenance and upkeep of the “Smart Anganwadis”.

Considering the importance and social benefits of the proposal, the Committee decided to recommend the project for approval before the HLEC, subject to the conditions listed below:

- Device an operational mechanism for carrying out all the tasks for regular maintenance and upkeep. O&M costs should be factored in within Plan funds of Panchayats, LSGD.



- Facilitate active community participation in the maintenance of the smart infrastructure. Wherever possible, tie-up with private sector could be mooted for leveraging on their CSR Funds and technical capabilities.
- Establish standard operating procedures/ guidelines for the smooth operationalization of the smart Anganwadi Centres. This could encompass convergence with other departments/agencies, IEC activities, capacity building, community engagement, safety and hygiene, waste management strategies, etc.
- An assessment be conducted to ensure that the land proposed for the establishment of the smart Anganwadis is not prone to disasters and hazards
- Ensure better disaster resilience, higher standards of infrastructure are facilitated while factoring in site-specific ecological and technical safeguards so that the restructured assets could better withstand future floods and other natural and manmade hazards.
- Initiate steps for replicating the roll out of the “Smart Anganvadi” concept on a State-wide basis in a Mission mode, similar to the educational initiatives of the “Pothu Vidyabhyasa Samrakshana Yajnam”.

**iv) DPR received from Department of Environment – Co-processing of alternate fuel in rotary kiln system at Malabar Cements Ltd., Walayar, Kerala**

The proposal submitted by the Malabar Cements Ltd. is to establish solid waste derived alternate fuel handling system in Rotary Kiln System at an estimated cost of Rs. 44.62 crore.

The Committee studied the proposal and observed the following:

- MCL has reported that they were not presently having suitable infrastructure for safe and sound disposal of plastics. Hence, a proposal for modifying Kiln System to accept plastic waste has been prepared.
- Hence a Techno Economic Feasibility Study for Co-Processing of Alternate Fuel in Rotary Kiln System has been conducted through the National Council for Cement & Building Materials (NOB) for a project outlay of approximately Rs. 42.50 Crores. This

has been approved by the 33rd meeting of the State Level Advisory Committee (SLAC) on Waste Management held on 07/02/2020 and now funding is sought under Rebuild Kerala Initiative.

- As mandated by Kerala State Pollution Control Board (KSPCB), all industrial units in Kerala, using fuel and located within 100 Km of a solid waste-based Refuse Derived Fuel (RDF) Plant, have to replace at least 25% of their fuel requirement with RDF. In view of the above, Malabar Cements Ltd. (MCL), has planned to utilize solid waste-based RDF as an alternative fuel.
- Though the interventions proposed are aligned to the principles of the RKDP Policy Framework and Action Plan, it was felt that the prospects for availing funds from other agencies and sources need to be examined.

Considering the above, the Committee decided to recommend the project for approval of HLEC, provided the MCL also explores other sources of funding for this environment project, since RKI is facing fund constraints. An example is the Global Environment Fund (GEF) that finance innovative businesses that deploy proven technologies, energy efficient products and services, utilize fewer raw materials, promote improved environmental quality and more efficient use of natural resources. By identifying other funding sources, the support from RKI could be limited to gap funding.

#### **v) DPRs received from PMU LSGD – 21 Numbers of LSGD Roads in Various Districts in the State of Kerala**

Reconstruction of flood damaged LSGD roads were taken up under RKI and the list of roads under the first phase of the same was approved vide G.O.(Ms.)25/2019/P&EA dated 13/08/2019. The Project Management Unit (PMU)-LSGD submitted the DPRs of 25 roads from this list, for an estimated cost of Rs. 53.14 Cr., which was approved and accorded Administrative Sanction. Now the PMU has submitted the DPRs of 21 roads from this list, for an estimated cost of Rs.40 Cr.

The Committee examined the DPRs, and decided to recommend to HLEC for direction to issue Administrative Sanctions to project.

**vi) Public Works Department – Revision of AS Amount to Reconstruction of Airport – Shangumukham Beach Road**

The Government have accorded Administrative Sanction for the Restoration of Airport-Shangumukham beach road of Thiruvananthapuram district (Phase 1& 2), for an estimated cost of Rs. 5.39 crore (Phase I - 429 lakhs + Phase II - 110 lakhs) as per G.O.(Rt) No.227/2020/P&EA dated 27/05/2020 under RKI. The provisions provided in the estimate of the Phase-II of work is now reported inadequate for proper completion of the proposal, requiring an additional amount of Rs.56 lakh for the re-construction of the damaged road, thereby estimating a total amount of Rs 166.20 Lakhs under Phase II.

The Committee reviewed the proposal and decided to recommend the revised DPR for approval before the HLEC, with the conditions below:

- The department to explore possible interventions to reduce the rate of coastal erosion and to protect the coast from erosion in future.
- Any engineering interventions should be carried out keeping in mind the need for a climate resilient road, keeping the beach accessible.

**vii) DPR received from Clean Kerala Company, LSGD–District level sorting and segregation facility & glass waste management unit at Thrissur**

The project proposal (with 6 project components) of Clean Kerala Company Ltd. amounting to Rs.53.50 crore was given in-principle approval vide G.O.(Ms.) No.28/2019/P&EA dated 15/11/2019. Some of these components have already been accorded Administrative Sanction. In continuation, the CKCL has submitted a DPR for District level sorting and segregation facility (Rs.1.84 crore) & Glass waste management unit (Rs.42 lakh) at Thrissur, and requested to issue Administrative Sanction for the works.

The Committee examined the DPR and decided to recommend to HLEC for direction to issue Administrative Sanctions for the above projects, subject to the condition that the CKCL should explore the possibility of formulating business models, introducing user-fee based on “polluter pays” principle to ensure sustainability of the project.

#### **viii) Revised DPR received from Kudumbashree Mission, LSGD**

The Government, as per G.O.(Rt.) No.505/2019/P&EA dated 28/11/2019, approved and issued Administrative Sanction to various Kudumbashree projects, including the Egg Value Chain Project worth Rs.8 crore. Now, the Kudumbashree has requested that the project 'Egg Value Chain Project' may be dropped, and that the savings in this regard may be allowed to be reappropriated in the following manner. i) Rs. 1 crore to a new project component, viz; "ERP", and ii) the remaining amount to the other various approved project components. The revised DPR also requests approval for a change in the project components of the already approved Kerala Chicken Project to the following composition, within the approved cost of Rs.22 crore.

(a) 250 Farm Integration- Rs.10.67 Cr.; (b) 84 Sales outlets- Rs.1.26 crore; and (c) Thiruvananthapuram Plant- Rs.10.07 Cr., totaling Rs.22 crore.

The Committee reviewed the proposal, and approved dropping the Egg Value Chain project and restructuring the Kerala Chicken Project as per the revised DPR. The Committee decided to recommend the revised DPR for approval before the HLEC, subject to the condition that the cost of ERP is justified through a market discovery. However, the Committee also viewed that Kudumbashree Mission should consider the following in future:

- Establish backward integration, ensuring supply of eggs with assured market with reasonable price realization to the farmers.
- Reconsider the manufacturing and marketing of Value-Added products (Egg Value Chain) proposed earlier, along with Kerala Chicken Project.

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## LIST OF PARTICIPANTS

Sl. No.	Name	Designation
1.	Dr. Vishwas Mehta	Chief Secretary
2.	Sri. R. K. Singh	Addl. Chief Secretary, Finance Dept. & CEO, RKI
3.	Dr. Venu V.	Addl. Chief Secretary, Planning & Eco. Affairs Dept.
4.	Smt. Sarada Muraleedharan	Principal Secretary, LSGD
5.	Smt. Ishitha Roy	Principal Secretary, Agriculture & APC
6.	Dr. Dinesh Arora	Secretary, PWD & Power Dept.
7.	Sri. Mir Mohammed	ED, Suchitwa Mission & Director, Environment
8.	Smt. Mrinmayi Joshi	Staff Officer to Chief Secretary
9.	Smt. Sheela Rani R.	Special Secretary, Revenue Dept.
10.	Sri. B.T.V. Krishnan	Chief Engineer, Harbour Engg. Dept.
10.	Sri. Rajan M.V.	Chief Engineer, LSGD
11.	Sri. Alex Varghese	Chief Engineer, Irrigation & Admn.
12.	Sri. Ajith Ramachandran	Chief Engineer, Roads
13.	Sri. Vishnukumar G	Project Director, PMU-LSGD
14.	Sri. Kesavan Nair	MD, Clean Kerala Company Ltd.
15.	Sri. K. Sunil Kumar	Joint Secretary, RKI
16.	Sri. Prasad Unnikrishnan	Programme Supervisor, PMSS, RKI
17.	Smt. Preetha Sreekumar	Programme leader, PMSS, RKI.