

Proceedings of the 2nd Meeting of State Level Environment Impact Assessment Authority (SEIAA) and State Level Expert Appraisal Committee (SEAC), Manipur held on Saturday, the 7th September 2013 in the Office Chamber of the Director, Directorate of Environment, Manipur.

Members present at Annexure.

Agenda of the meeting:

1. Confirmation of the proceedings of the 1st SEIAA & SEAC Meeting, held on the 19th July 2013;
2. Finalization of the Web site link pages for SEIAA & SEAC, Manipur;
3. Re-appraisal of the 15 applications for environment clearance submitted by IFCD, Manipur;
4. Misc.

At the outset, the Director (Environment) and Member Secretary of State Level Environment Impact Assessment Authority (SEIAA), Manipur welcomed the two Chairmen and Members of SEIAA and SEAC, Manipur. He then placed the draft proceedings of the 1st SEIAA & SEAC Meeting, held on the 19th July 2013 before the members seeking its confirmation. All the members present agreed to confirm the 1st meeting draft proceedings.

Taking up Agenda 2 of the meeting, the Member Secretary, SEIAA, Manipur demonstrated the re-structured web link pages & contents of the Web site for SEIAA&SEAC, Manipur. He further invited comments and suggestions from the members for improvement of the Website. Some of the members while taking part in the discussion put forward their views to keep enough provision for good photographs with description of environment related issues from different guests, experts, scholars, etc. as content of the web site. Most of the members also suggested to make live of the site.

During discussion of the Agenda item no. 3, the Member Secretary, SEIAA, Manipur placed the observations made on the 15 applications (as enclosed) submitted by IFCD of which was prepared by the Environment Directorate as entrusted to work out in the 1st meeting held on 19th July, 2013, before the Authority and Committee Members for re-appraisal & consideration of prior Environment Clearance. The proposals were reviewed as per revised information given in Form 1 and project concept papers, submitted by the project proponent. In the review process, the Member Secretary, SEIAA, Manipur & the Secretary, SEAC, Manipur have pointed

out that none of the projects applied for prior Environment Clearance fall either in Category A or Category B as listed in the Schedule to the Notification of the Government of India in the MoEF, number S.O. 1533 (E), dtd. the 14th September 2006.

On being asked by the members, the Superintending Engineer, IFCD, Manipur presented brief highlights of the work components and activities of the projects applied for Environment Clearance. In the course of interaction with the official representative of the IFCD, the members of the Authority & Committee advised to implement the project activities within the purview of the Environment (Protection) Act, 2006 and its subsequent rules.

The two Chairmen after listening views from the members make their observation and suggested to convey IFCD accordingly with certain recommendation.

Finally, all the members present in the Meeting unanimously agreed to take the following resolutions:

1. Confirmed the proceedings of the 1st SEIAA & SEAC Meeting, held on the 19th July 2013;
2. Approved to make live of the re-engineered web links for SEIAA&SEAC, Manipur;
3. None of the project component / activities of the 15 projects submitted by the IFCD, Manipur for prior environment clearance appeared to fall either in Category A or Category B as listed in the Schedule to the Notification of the Government of India in the MoEF, number S.O. 1533 (E), dtd. the 14th September 2006;
4. Convey the resolution along with the recommendations of the meeting to the Irrigation & Flood Control Department (IFCD), Manipur;

The meeting concluded with vote of thanks to the chair.

(Dr.M.Homeshwor Singh)
Director
Directorate of Environment
&
Member Secretary, SEIAA, Manipur

Appraisal of the projects for prior Environment Clearance by the State Level Environment Impact Assessment Authority (SIEAA), Manipur and the State Level Expert Appraisal Committee (SEAC), Manipur held during 19th July 2013 to 7th September 2013

Sl. No.	Name of Project	Work Component / Activities [as submitted by the project proponent]
1	<p>Development of Khamlangpat Water body & Improvement of its Drainage system at Sangjabi Village</p> <p>Project Cost : Rs. 55.81 Crores</p> <p>Project Proponent : IFCD, Manipur</p> <p>Location : Sangjabi Village, Imphal East District, Manipur</p>	<ul style="list-style-type: none"> i. Dredging of bed soil & removal of Phumdies to increase water holding capacity of waterbodies; ii. Construction of R.C.C. Slab Culvert; iii. Construction of embankment / Ring bund around waterbody to check overflow; iv. Construction of pucca drains for diversion of sewage, domestic waste water of the area and de-silting along the periphery of the waterbody; v. Construction of Check Dam. vi. Construction of pick-up weir to regulate inflow and outflow of water at the tail end of Chingoi Stream vii. Construction of 10 m Span RCC Slab Bridge; viii. Development of composite fish culture farm; ix. Development of Green Belt & Forestry; x. Roadside plantation; xi. Improvement of Drainage System of Khamlangpat Waterbody.
2	<p>Development of Yaralpat Waterbody & Improvement of its drainage System at Yaral Loukon</p> <p>Project Cost : Rs. 17.91 Crores</p> <p>Project Proponent : IFCD, Manipur</p> <p>Location : Yaral Pat, Imphal East District, Manipur</p>	<ul style="list-style-type: none"> i. Dredging of bed soil to increase water holding capacity of water bodies; ii. Construction of R.C.C. Slab Culvert; iii. Construction of embankment/Ring bund to check overflow; iv. Construction of Check Dam; v. Construction of Pick-up weirs; vi. Development of Yaral Pat Fresh Waterbody; vii. Development of composite Fish culture farms; viii. Development of Irrigation Tank; ix. Development of Water Reservoir; x. Construction of Ghat System; xi. Construction of 10 Span RCC Bridge; xii. Construction of 6m Span RCC Bridge; xiii. Development of Green Belt & Forestry; xiv. Road side plantation; xv. Construction of Compound fencing; xvi. Improvement of Drainage System; xvii. Development of Kombirei.
3	<p>Development of Lairam Pat Waterbody & Improvement of its Drainage System at Pangei Nepali Basti</p> <p>Project Cost : Rs. 16.82 Crores</p> <p>Project Proponent : IFCD, Manipur</p> <p>Location :</p>	<ul style="list-style-type: none"> i. Dredging / de-siltation & removal of phumdies. ii. Construction of 3m wide walk way; iii. Stone-pitching along the banks; iv. R.R. Masonry protection wall; v. Barbed wire fencing; vi. 10m Span RCC Slab Bridge; vii. 3m span RCC Slab Culvert; viii. Ghat System; ix. Check-Dam x. Improvement of Drainage system; xi. Development of Farms

Sl. No.	Name of Project	Work Component / Activities [as submitted by the project proponent]
	Pangei Nepali Basti, Imphal East District, Manipur	xii. Development of Fishery; xiii. Development of Green Belt & Forestry
4	Development of LairamMaril Water body near Pangei Bazar Project Cost : Rs. 15.20 Crores Project Proponent : IFCD, Manipur Location : Pangei Bazar, Imphal East District	i. Dredging & Removal of phumdies; ii. Construction of R.R. Masonry protection work; iii. Construction of 10 span RCC Slab Bridge; iv. Construction of Check-Dam; v. Construction of Ghat System; vi. Development of Road side plantation
5	Restoration & conservation of IrongNallah Natural Waterbody (Upper portion) at Luwangsangbam Project Cost : Rs. 28.05 Project Proponent : IFCD, Manipur Location : Koirengei BSF Camp to Luwangsangbam, Imphal East District, Manipur.	i. Dredging of bed soil/ channelization & removal of aquatic plants; ii. Protection wall; iii. Construction of check-dam; iv. Construction of RCC Bridge; v. Construction of Ghat System; vi. Construction of Water Tank; vii. Barbed wire fencing; viii. Road Side Plantation; ix. Development of Green belt Koirengei BSF Camp to Luwangsangbam, Imphal East District, Manipur.
6	Restoration & conservation of IrongNallah Natural Waterbody (Lower portion), Mantripukhri Project Cost : Rs.40.00 Crores Project Proponent : IFCD, Manipur Location : Mantripukhri, Lamlongei to Sangakpham Bazar, Imphal East District, Manipur	i. Development of IrongNallahWaterbody by dredging & removal of aquatic plants ii. R.R. Masonry Protection Wall. iii. Ghat System iv. R.C.C. Slab Culvert v. E/W in Banking. vi. Check Dam. vii. Roadside Planatation.
7	Development of Waithou Pat Water body & Improvement of its Drainage System at Waithou Project Cost : Rs. 96.97Crores Project Proponent : IFCD, Manipur	i. Dredging/de-siltation; ii. Development of fresh waterbody; iii. Construction of Ring Bund; iv. Development of Pisciculture; v. Improvement of Drainage System; vi. Construction of Check-Dam; vii. Construction of Ghat System; viii. Development of Water Reservoir;

Sl. No.	Name of Project	Work Component / Activities [as submitted by the project proponent]
	<p>Location : Waithou, Thoubal District, Manipur</p>	<ul style="list-style-type: none"> ix. Development of Green Belt; x. Development of Farms; xi. Construction of RCC Culvert; xii. Construction of RCC Bridge; xiii. Lake Boundary Fencing; xiv. Road side plantation.
8	<p>Development of Ikop&Kharungpat Waterbody & Improvement of its Drainage System</p> <p>Project Cost : Rs. 99.40 Crores</p> <p>Project Proponent : IFCD, Manipur</p> <p>Location : Ikop Pat &Kharung Pat, Thoubal District, Manipur</p>	<ul style="list-style-type: none"> i. Dredging / De-siltation; ii. Development of Fresh Water; iii. Construction of Ring Bund; iv. Construction of Pisciculture/Fishery; v. Improvement of Drainage System; vi. Construction of Check-Dam; vii. Construction of Ghat System; viii. Construction of Water Reservoir; ix. Development of Green Belt; x. Road side plantation; xi. Construction of 3m Span Culvert; xii. Construction of Pick-up Wire; xiii. Construction of RCC Bridge; xiv. Lake Boundary Fencing.
9	<p>Development of Irum River Water body at Kakching</p> <p>Project Cost : Rs. 36.38 Crores</p> <p>Project Proponent : IFCD, Manipur</p> <p>Location : Northern side of Kakching, Irummapan, Thoubal District, Manipur</p>	<ul style="list-style-type: none"> i. To provide irrigation facilities for an area of about 1800 ha. ii. To act as flood retention basin for moderation of seasonal floods; iii. To provide for an organized development of pisciculture and attraction of aquatic birds in the project. iv. To develop as a centre of tourist attraction. v. To provide for venue for various types of water sports. This will be an innovative kind of activity for the entire North-Eastern Region.
10	<p>Development of Water body & Improving Drainage System at Lamphelpat</p> <p>Project Cost : Rs. 625.56 Crores</p> <p>Project Proponent : IFCD, Manipur</p> <p>Location : Lamphelpat, Imphal West District, Manipur</p>	<ul style="list-style-type: none"> i. Construction of Waterbody/Reservoir in Lamphelpat ii. Restoration of SamushangNala iii. Construction of By-pass channel iv. Construction of overflow weir v. Construction of Hydraulic Gate vi. River Training work in Nambul river vii. Restoration of channels contributing from northern side
11	<p>Flood Control scheme in Manipur River Basin, Manipur</p> <p>Project Cost :Rs. 1122.35 Crore</p> <p>Project Proponent :</p>	<ul style="list-style-type: none"> i. Construction of R.R. Masonry Retaining Wall ii. Construction of C.C. Retaining Wall iii. Construction of CC. Retaining Wall with Bored pile foundation iv. R.C.C. Retaining Wall v. R.C.C. Retaining Wall with Bored pile

Sl. No.	Name of Project	Work Component / Activities [as submitted by the project proponent]
	<p>IFCD, Manipur</p> <p>Location : Central portion of Manipur Valley covering the area – Imphal East, Imphal West, Thoubal, Bishnupur, Senapati, Churachandpur, Chandel, Ukhrul Districts etc.</p>	<ul style="list-style-type: none"> vi. R.C.C. Bored Pile vii. R.C.C. Slab Culvert viii. R.C.C. Pipe culvert ix. R.C.C. Box culvert x. E/W in banking xi. Channelization xii. Nose cutting xiii. Improvement of Kongba
12	<p>Flood Control Scheme in Loktak Sub-basin, Manipur</p> <p>Project Cost : Rs. 359.77 Crore</p> <p>Project Proponent : IFCD, Manipur</p> <p>Location : Loktak lake of Manipur covering the area – Imphal West District & Bishnupur District.</p>	<ul style="list-style-type: none"> i. Construction of R.R. Masonry Retaining Wall ii. Construction of C.C. Retaining Wall iii. Construction of R.R. Retaining Wall with Bored Pile Foundation iv. Construction of C.C. Retaining Wall with Bored Pile foundation v. Construction of RCC Retaining wall with RCC Bored piles and Gabion
13	<p>Flood Control Scheme in Chindwin / Yu River Basin, Manipur</p> <p>Project Cost : Rs. 17.63 Crores</p> <p>Project Proponent : IFCD, Manipur</p> <p>Location : Eastern side of Manipur valley covering the area – Ukhrul District & Chandel District.</p>	<ul style="list-style-type: none"> i. Construction of R.R. Masonry Retaining Wall ii. Construction of C.C. Retaining Wall
14	<p>Development of storm-water-drainage system in sub-urban areas in Imphal city in Manipur</p> <p>Project Cost : Rs. 54.13 Crore</p> <p>Project Proponent : IFCD, Manipur</p> <p>Location : Imphal Sub-urban areas, Imphal East District & Imphal West District, Manipur, viz. Pemikhong, Takhelkhong and TurelAmanbi</p>	<ul style="list-style-type: none"> i. R.R. Masonry Protection Wall ii. R.C.C. Slab Culvert iii. Channelization iv. Construction of Pucca Drain

Sl. No.	Name of Project	Work Component / Activities [as submitted by the project proponent]
15	<p>Flood control scheme in Barak River Basin, Manipur</p> <p>Project Cost :Rs. 45.29 Crores</p> <p>Project Proponent : IFCD, Manipur</p> <p>Location : Western portion of Manipur Valley covering the area – Senapati, Tamenglong, Churachandpur, Imphal East (Jiribam).</p>	<p>i. Construction of R.R. Masonry Retaining Wall</p> <p>ii. Construction of C.C. Retaining Wall</p> <p>iii. Construction of R.C.C. Retaining Wall with Bored Pile foundation.</p>

Observation :

None of the projects (15 in number) applied for prior Environment Clearance appeared to fall either in Category A or Category B as listed in the Schedule to the Notification of the Government of India in the MoEF, number S.O. 1533 (E), dtd. the 14th September 2006

Recommendation :

The regulatory authority hereby makes the following suggestion(s):

- i. Project should be implemented within the purview of the Environment (Protection) Act 1986 & its subsequent Rules, keeping in view of the peculiarities and specificities of Manipur's geo-phygeography & environmental characteristics;
- ii. Scientific data & environment related information concerning the projects should mention the sources and if not available, the dept may make its own studies / surveys to serve the long term needs of the Dept. relating to future projects;
- iii. The Dept. may think of creating a small cell on EIA to facilitate and fast track future project & fund clearances. This is likely to reduce long term cost of the project formulation & clearance.

(Dr. Kh. Shamungou Singh)

Chairman

State Level Environment Impact Assessment
Authority, Manipur

(Dr. H. Nandiram Sharma)

Chairman

State Expert Appraisal Committee, Manipur

**Government of Manipur
Directorate of environment
Porompat, Imphal - 05**

No. 17/4/2000(EMC)/DoE

Imphal, the 17th September, 2013

**To,
The Chief Engineer
I & F.C. Deptt.
Govt. of Manipur**

Sub: Prior Environment Clearance for different schemes in respect of Irrigation & Flood Control Department Manipur;

Sir,

I have the honour to invite reference to your letters No. CE/IFC/11-390/2012-14, dtd. 1st, 5th and 17th July, 2013 for prior environment clearance of different schemes and to state that all the proposals submitted by you have been placed and discussed in the 1st & 2nd State Level Environment Impact Assessment Authority (SEIAA) and State Level Expert Appraisal Committee (SEAC) meeting which were held on the 19th July, 2013 and the 7th September, 2013 respectively.

As resolved in the 2nd meeting of State Level Environment Impact Assessment Authority (SEIAA) and State Level Expert Appraisal Committee (SEAC) Manipur. I have to convey herewith the excerpt of observation and recommendations of the Regulatory Authority and Committee for your kind information.

Observation :

None of the projects (15 in number) applied for prior Environment Clearance appeared to fall either in Category A or Category B as listed in the Schedule to the Notification of the Government of India in the MoEF, number S.O. 1533 (E), dtd. the 14th September 2006.

Recommendation :

The regulatory authority hereby makes the following suggestion(s):

- i. Project should be implemented within the purview of the Environment (Protection) Act 1986 & its subsequent Rules, keeping in view of the peculiarities and specificities of Manipur's geo-phygeography & environmental characteristics;
- ii. Scientific data & environment related information concerning the projects should mention the sources and if not available, the dept may make its own studies / surveys to serve the long term needs of the Dept. relating to future projects;

- iii. The Dept. may think of creating a small cell on EIA to facilitate and fast track future project & fund clearances. This is likely to reduce long term cost of the project formulation & clearance.
- iv. The proposed components /activities under the project "Development of Yaral pat Waterbody& Improvement of its Drainage System at Yaral Loukon" may be converged and integrated with the ongoing Yaralpat Wetland Development Programme being taken up by the Directorate of Environment, Manipur since 2010-11.

Yours sincerely,

(Dr. M. Homeshwor Singh)

Director

Copy to :

The PPS to the Chief Secretary (Forests & Environment), Govt. of Manipur for kind information.