

## Minutes of the 37<sup>th</sup> State Executive Committee (SEC) Meeting held on 8<sup>th</sup> October, 2018

List of members present is enclosed as Annexure I

The Chief Secretary and the Chairperson, SEC chaired the meeting. He welcomed the members present and took up the agenda for discussion.

### Agenda Item: 1. Confirmation of Minutes of the 36<sup>th</sup> Meeting of the State Executive Committee

**Resolution:** SEC confirmed the minutes of the 36<sup>th</sup> meeting of the State Executive Committee held on 27<sup>th</sup> February 2018.

### Agenda Item: 2. Approval of Annual Work Plan of ASDMA for 2018-19

**Resolution:** SEC approved the Work Plan of ASDMA under Non Plan Non Salary head as enclosed as Annexure II for an amount of Rs. 10.28 Cr. under different heads of account for the year 2018-19 as given below:

| Sl. No.      | Head of Account   | Amount                |
|--------------|---|-----------------------|
| 1            | Professional Fees   | ₹ 10,00,000           |
| 2            | Office Expenditure  | ₹ 20,00,000           |
| 3            | Response Fund   | ₹ 1,53,34,000         |
| 4            | Equipment   | ₹ 37,00,000           |
| 5            | Mitigation  | ₹ 7,59,66,000         |
| 6            | Travel Expenditure  | ₹ 18,00,000           |
| 7            | Hospitality   | ₹ 10,00,000           |
| 8            | Development of ASDMA Land & Construction of ASDMA Office Building | ₹ 20,00,000           |
| <b>TOTAL</b> |   | <b>₹ 10,28,00,000</b> |

SEC also approved the proposal for NIC Internet Connectivity for DEOC, Cachar by using fibre optics/leased line under H/A- Equipments for an amount of Rs. 2.00 lakh.

### Agenda Item: 3. Action Plan for Capacity Building Fund under 5% SDRF for Capacity Building.

**Resolution:** SEC approved the work plan for capacity building under 5 % SDRF amounting to Rs. 9.48 Cr. as enclosed at Annexure-III.

### Agenda Item: 4. Work Plan for Accrued Interest Fund for 2018-19

**Resolution:** SEC approved the an amount of Rs. 5.50 Cr. from ASDMA's accrued interest fund for providing 10 excavators (JCB Backhoe 3DX Super with 4WD & Livelink) and 10 dumpers (tata super ACE Mint 3.2 Cu.M closed box tipper BS-IV with hard top cover & dry wet partition)for urban flood management in Guwahati / Lakhimpur/ Dhemaji/ Dibrugarh/ Dima Hasao/ Jorhat/ Karimganj/ Dhubri/ Barpeta/ Biswanath and directed the Urban Development Department to Submit Plan and Estimate to ASDMA for necessary sanction.

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**Agenda Item: 5. Ex-Post facto approval to the revised work plan of ASDMA under Capacity Building for the year 2017-18.**

**Resolution:** SEC accorded ex-post facto approval on the revised Work Plan of ASDMA under Capacity Building component of Disaster Response Fund (5% SDRF) for an amount of Rs. 9.98 Cr. as enclosed at Annexure-IV.

**Agenda Item: 6. Ex-Post facto approval for training of Volunteers on Search & Rescue and Relief Operation.**

**Resolution:** SEC accorded ex-post facto approval for an amount of Rs. 17.82 lakh sanctioned to the Deputy Commissioner Dhemaji for training of 600 Community Volunteers from Majuli, Biswanath, Lakhimpur and Dhemaji districts under the 13<sup>th</sup> FC Grant for Capacity Building.

**Agenda Item: 7. Updation of State Disaster Management Plan (SDMP)**

**Resolution:** SEC approved the proposal for Updation of the State Disaster Management Plan (SDMP).

**Agenda Item: 8. Construction of ASDMA Office Building**

**Resolution:** SEC approved the proposal for going ahead with the plan for construction of Office Building and State Emergency Operation Centre of ASDMA at the allotted land located near Basistha Chariali. SEC further directed the PWD Building to prepare plan and estimate for the same.

**Agenda Item: 9. Establishment of Assam Institute of Disaster Management (AIDM)**

**Resolution:** SEC approved the concept paper for establishment of Assam Institute of Disaster Management (AIDM) as enclosed at Annexure-V at the allotted land located near Basistha Chariali and directed ASDMA to explore possibility of funding from NDMA and MoDONER.

**Agenda Item: 10. Strengthening and Renovation of State Emergency Operation Centre (SEOC), Dispur**

**Resolution:** SEC approved an amount of Rs. 1.00 Cr. for strengthening and renovation work of the State Emergency Operation Centre at Dispur. SEC further directed ASDMA to ensure adherence to all due rules and procedure.

**Agenda Item: 11. Enhancement of wages of Information Assistants & Grade-IV staff of ASDMA and placing of their services directly under ASDMA instead of being outsourced.**

**Resolution:** SEC approved the proposal for enhancement of wages of Information Assistants & Grade-IV staff of ASDMA as stated below. SEC further approved the proposal for placing of their services directly under ASDMA on annual contractual basis.

| Sl. No. | Name of the Post      | No. of posts | Monthly fixed remuneration payable |
|---------|-----------------------|--------------|------------------------------------|
| 1       | Information Assistant | 15           | 10,350/-                           |
| 2       | Grade-IV              | 10           | 8,970/-                            |

*Amrith*  
*AP*

**Agenda Item: 12. Strengthening service conditions of ASDMA Employee**

**Resolution:** SEC directed ASDMA to move Finance Department through the Revenue & DM Department for making necessary budget provision for the shortfall amount of Rs. 51.00 Lakh required for extending the 7th pay benefits including EPF for the employees of ASDMA for the year 2018-19 and also to make budget provision for subsequent years.

**Agenda Item: 13. Departmental Disaster Management Plan, 2018-19.**

**Resolution:** SEC took note of the status of preparation of Departmental Disaster Management Plan by 16 departments of the State Government under the mandate of the DM Act 2005.

**Agenda Item: 14. Creation of Disaster Management Cell and providing IT support system to the 16 Departments where ASDMA has already placed Project Officer, Disaster Management.**

**Resolution:** SEC approved the proposal for creation of DM Cell in 16 departments where ASDMA has already placed one Project Officer (DM) and to provide IT support subject to making availability of suitable space by the concerned departments for the same.

**Agenda Item: 15. Engagement of 3 Nos. of Data Entry Operators in place of 2 nos. of Senior Assistants temporarily deputed from Revenue & DM department in ASDMA, 2 nos of chowkidars and 1 driver for ASDMA office.**

**Resolution:** SEC approved the following:

1. ASDMA to request Secretariat Administration Department (SAD) to provide three nos. of Data Entry Operators. SEC further decided that if SAD is unable to provide the data entry operators, ASDMA may engage three Data Entry Operators on contractual basis.
2. SEC also approved for contractual engagement of two drivers for ASDMA.

**Agenda Item: 16. Annual Maintenance Contract (AMC) for 18 nos. of Automatic Weather Stations (AWS) installed in and around Guwahati city**

**Resolution:** SEC approved an amount of Rs. 12, 00,000/- +GST as applicable for one year AMC of the 18 nos. AWS by M/S Info-Electronics Systems Pvt. Ltd., New Delhi as requested by the Fire & Emergency Services, Assam for the year 2018-19. SEC also directed ASDMA to make required budget provision for subsequent years.

SEC further, directed ASDMA to take over the 18 AWS and make the same fully operational.

**Agenda Item: 17. Non-payment of tax by PHE Department against procurement of Mobile Water Treatment Plant.**

**Resolution:** SEC directed the Director, WSSO, PHE Department to pay the pending VAT amount of Rs. 30,28,006/- related to the procurement of 4 nos. of Mobile Water Treatment Plants under SDRF and submit compliance report to ASDMA at the earliest.

  


**Agenda Item:18. Approval regarding the variation in the number of procurement of the dewatering pumps and regularisation of the procurement process of GMC within the SEC approved amount.**

**Resolution:** SEC directed the Guwahati Development Department to submit necessary justification regarding the variation in the number of procurement of dewatering pumps by GMC under 10% of SDRF.

**Agenda Item: 19. Rectification of nomenclature of one SDRF proposal of Barpeta District.**

**Resolution:** SEC accorded Ex-post facto approval to change the nomenclature of the SDRF proposal of PWD Roads of Barpeta to change the bridge No to 3/2 instead of 3/1 to re-issue the Administrative Approval by the Revenue & DM Department as "Permanent restoration of approaches of RCC Br. No. 3/2 on Sonkuchi coloney to Baniyapara to Jaharpam Road (Package no AS-01-66) under SDRF for the year 2017-18"

**Agenda Item: 20. Ex-Post-Facto approval to the proposal submitted by Deputy Commissioner, Dibrugarh for procurement of four nos of Dewatering Pumps amounting to Rs. 175.24 lakh**

**Resolution:** SEC accorded Ex-Post-Facto approval to the proposal submitted by the Deputy Commissioner, Dibrugarh viz. *"Immediate measures to drainage of Dibrugarh Town area and its adjoining areas (Dewatering of water from Dibrugarh Town near SP Office, Phul Bagan, Tinikunia, Maijan natun gaon, Maijan Thakurbari and near WR office by installing 4 nos of additional Trolley Mounted pump sets including repairing of the damaged existing sluces)* for an amount of Rs. 175.24 lakh under SDRF.

**Agenda Item: 21. Plan of Action for Prime Minister's Ten Point Agenda on Disaster Risk Reduction**

**Resolution:** SEC approved the Action Plan of ASDMA for implementation of Prime Minister's Ten Point Agenda for the year 2018 as enclosed at Annexure -VI.

**Agenda Item: 22. ASDMA guidelines for sponsoring various events**

**Resolution:** SEC approved the Guidelines prepared by ASDMA as enclosed at Annexure-VII for sponsoring various events for Awareness Generation on Disaster Management and Directed ASDMA to fix ceiling of Rs. 2.50 lakh per quarter.

**Agenda Item: 23. Procurement of five Mechanised Boats for DDMA's for Relief Operation under SDRF**

**Resolution:** SEC approved in principle for initiating the process for procurement of five mechanised boats through IWT, Assam to be placed at the disposal of DDMA's of Dhemaji, Majuli, Barpeta, Dhubri & South Salmara under 10% of SDRF ( for equipment) for flood relief operation.

*Omprakash*  
*AP*

**Agenda Item 24: Renovation Work of DEOC Dibrugarh**

**Resolution:** SEC approved the proposal of DDMA, Dibrugarh to utilise an amount of Rs.38,400/- for purchasing of furniture and maintenance of computers/ Printers etc. instead of renovation work of District Emergency Operation Centres (DEOC) Dibrugarh.

**Agenda Item 25: Inclusion of Disaster Management Data Collection Format in UDISE (Unified District Information System for Education) of Education Department for facilitating data collection under National School Safety Project (NSSP, 2016)**

**Resolution:** SEC approved the proposal for Inclusion of Disaster Management Data Collection through UDISE of Education Department for facilitating data collection under National School Safety Project (NSSP, 2016) subject to approval of MHRD as proposed by the State School Safety Advisory Committee (S-SSAC) constituted under National School Safety Policy (NSSP).

**Agenda Item: 26. Other issues.**

The Chief Secretary, Assam and Chairperson SEC advised the Urban Development Department to form a committee with Officers and Experts from UDD, GMC, GMDA, Fire & Emergency Services, Assam , DDMA, Kamrup Metro, PWD Roads and PWD Building for inclusion of requisite norms for ensuring adherence to the provision of road width, provisioning of Fire Hydrant system etc. in the Building Bye-Laws.

The meeting ended with a vote of thanks.

  
(Alok Kumar, IAS) 24/10/18  
Chief Secretary & Chairperson  
State Executive Committee

Memo No. RGR/ASDMA/03/2018/47

Dated. 10<sup>th</sup> October 2018

Copy to :

All Members

  
(Rajesh Prasad, IAS)  
Chief Executive Officer  
Assam State Disaster Management Authority

### 37th State Executive Committee Meeting of ASDMA

Dated: 08th October 2018 (Monday); Time: 05:00 PM

| Sl No. | Name                      | Designation                     | Department                        | Phone No.  |
|--------|---------------------------|---------------------------------|-----------------------------------|------------|
| 1      | Shri Alok Kumar, IAS      | Chief Secretary, Govt. of Assam |                                   |            |
| 2      | Kumar Sanjay Krishna, IAS | Addl. Chief Secretary           | Revenue & DM Deapartment          |            |
| 3      | Kuladhar Saikia           | DGP, Assam                      |                                   |            |
| 4      | Rajesh Prasad, IAS        | Principal Secretary & CEO       | R&DM, ASDMA                       |            |
| 5      | Hemanta Narzary, IAS      | Principal Secretary             | Water Resources, Irrigation, HT&S |            |
| 6      | Ajay Tewari               | Principal Secretary             | GDD/UDD                           | 9678001977 |
| 7      | Shyam Jagannathan, IAS    | Commissioner & Secretary        | Finance Department, AH&Vety.      | 9435119100 |
| 8      | Rakesh Kumar, IAS         | Commissioner & Secretary        | Fishery, Irrigation               |            |
| 9      | Monalisa Goswami          | Commissioner, GMC               |                                   | 9678010456 |
| 10     | Vinod Seshan, IAS         | Secretary                       | Agriculture                       | 9435340685 |
| 11     | T.C.Sarma, IAS            | Secretary                       | Personnel Department              | 9435087812 |
| 12     | Shamsher Singh            | Secretary                       | Secondary Education               |            |
| 13     | Anindita Kashyap, ACS     | OSD, DITEC                      |                                   | 9854033994 |
| 14     | P. Saikia                 | Commissioner & Secretary        | Elemenatry Education              |            |
| 15     | R.K.Mazumdar              | CEO                             | GMDA                              | 7086056499 |
| 16     | Tasdiqur Rahman           | C.E                             | GMC                               | 7086053927 |
| 17     | Pulak Mahanta             | ADC Kamrup(M)                   | DC Office Kamrup (M)              |            |
| 18     | Dr. C.Baruah              | Secretary                       | Health                            | 9706553960 |
| 19     | Rajendra Prasad Das       | Secretary                       | Water Resource Department         | 9435198966 |
| 20     | Bandana Choudhury         | Addl.Secretary                  | SAD                               | 9678010655 |
| 21     | Meenakshi Das Nath, ACS   | Joint Secretary & SPC           | ASDMA                             |            |
| 22     | Pallabi Phukan            | JS, IT                          | IT Department                     | 9864092781 |
| 23     | Manin Kr. Das             | Dy.Secretary                    | PHED                              | 9435020961 |
| 24     | Pranati Majumdar          | Dy.Secretary                    | H&FW                              | 9954036670 |
| 25     | Ajit Kr. Kakoti           | Secretary                       | PWD                               | 9435194491 |
| 26     | D.K. Lahkar               | Under Secretary                 | PWRD                              | 8876298672 |
| 27     | B. Malakar                | CE (M)                          | Irrigation                        | 9435083780 |
| 28     | Shantanoo Bhattacharya    | SE (Mech.)                      | PWD (B&NH)                        | 9957567647 |
| 29     | Ram Ch.Bhakat             | Divisional Officer              | Fire & Emergency Service          | 9435513496 |
| 30     | Paresh Haloi              | AEE, PWRD                       | PWD, Chandmari                    | 9678193501 |
| 31     | Borsing Rongpi            | Chief Engineer                  | Water Resource Department         | 9954022661 |
| 32     | Dilip Deka                | Nodal Officer                   | Irrigation                        | 9864010369 |

| Activities to be undertaken under Mitigation for 2018-19 for Rs. 759.66 Lakh (Approx.) |                  |  |  |   |                 |               |
|--|------------------|--|--|---|-----------------|---------------|
| Sl. No   | Target Level     | Activities   | Brief Note on the proposed activity  | Outcome/ Deliverables   | Amount Involved | Grand Total   |
| 1  | State            | Chief Minister's Comprehensive Roadmap for Disaster Risk Reduction for Assam (2018-2030)   | <p>Recurrent floods coupled with erosion and other hazards of natural and man-made origin continue to pose severe challenge to achieve sustainable development and therefore, demand more innovations to bring in holistic and integrated disaster risk governance.</p> <p>ASDMA proposes to develop a state roadmap on DRR for Assam aligned to the SDG and Sendai framework. The proposed DRR road map will bring an opportunity to assess the progress achieved in reducing risks and to establish realistic targets, strategies, plans and platforms for enhancing resilience in line with global frameworks. The road map will bring in relevant stakeholders from government, UN agencies, NGOs and civil society and the private sector to assess the present scenario of disaster risk and risk reduction, establish baseline and targets based on SFDRR and evolve mechanism for achieving the targets.</p> | <ul style="list-style-type: none"> <li>A road map for Disaster Risk Reduction with a concrete implementation mechanism will be developed as the outcome.</li> <li>The road map will build on the progress achieved in the field of disaster risk reduction, will identify challenges and gaps</li> <li>Will help to prioritise actions for vulnerable groups sector-wise.</li> <li>Will help in evolving a mechanism for implementation of the prioritised action sector wise.</li> </ul> <p><b>Methodology:</b> Extensive consultation with stakeholder departments/ agencies, NGOs and Community representatives.</p>                                       | ₹ 1,00,00,000   | ₹ 1,00,00,000 |
| 2  | State & District | International Day for Disaster Reduction 2018  | Celebration of IDDR in (i) District Level - 33 districts @ Rs. 15,000/- per district = Rs. 4.95 Lakhs (ii) State Level - Rs. 2.05 Lakhs  | IDDR is held every year on 13th October, celebrates how people and communities around the world are reducing their exposure to disasters. The 2018 edition continues under the "Sendai seven" campaign, centred on the seven targets of the Sendai Framework. this years focus is TARGET C: Reduce direct disaster economic loss in relation to global gross domestic product (GDD) by 2013. The final theme of the IDDR 2018 has not yet been decided. IDDR 2018 will be observed in the districts and the state based on theme. The activity would be later compiled in the form of a report to be submitted to UNISDR                                      | ₹ 7,00,000      | ₹ 7,00,000    |
| 3  | State & District | Centre of Excellence for Capacity Building on Earthquake Resistant Construction Technology | (a) Establishing centre of excellence for Capacity building on earthquake resistant construction technology in Civil Engineering Departments of 3 (three) Engineering Colleges viz. NIT Silchar, AEC & Tezpur University @ Rs. 4,00,000/- per college. The Institute will prepare training modules, provide resource persons, conduction technical studies for Disaster Risk Mitigation etc. (supporting the surrounding districts in a cluster manner for training engineers in ERT as per ASDMA's Training Calendar ). This seed money will be given to the knowledge institute for hardware and operationalise (with initial phase of one year) the Centre of Excellence  | <ul style="list-style-type: none"> <li>Four Centre of Excellence will help ASDMA in preparation of training materials, training of graduate &amp; diploma engineers in Earthquake resistant construction technology</li> <li>ASDMA can organise training of technical persons cluster wise through these four Centre of Excellence covering all districts across the state</li> <li>These Centres will facilitate in conducting rapid visual screening as well as structural vulnerability of buildings in the nearby districts.</li> <li>These four centres will be developed &amp; monitored by ASDMA in coordination with the concerned DDMA's.</li> </ul> | ₹ 12,00,000     | ₹ 20,00,000   |

|   |          |  |  |  |             |             |
|---|----------|--|--|--|-------------|-------------|
|   |          |  | <p>(b) <i>One and half day Workshop at State Level on 'Earthquake Resistant Technology &amp; Review of Existing Codal Provision for Government Infrastructure design in Assam' for officials of PWD (Bldgs &amp; NH), T &amp; CP, GDD P &amp; RD, Police Housing (Target Participants: Commissioner &amp; Secretary, Chief Engineers, Supt. Engineers, Executive Engineers etc.)</i></p>   | <ul style="list-style-type: none"> <li>Review the existing Codal Provisions for design and construction of Govt. Infrastructure</li> <li>Exposure to latest building technology for Earthquake Resistant Construction</li> <li>Roadmap for adoption and implementation of latest Codal provision for Earthquake Resistant Construction</li> </ul>  | ₹ 2,00,000  |             |
|   |          |  | <p>(c) <i>Training of Engineers for earthquake resistant construction technology (3 batches of 2 days training at 3 engineering colleges viz., AEC, NIT Schar, Tezpur University clusterwise covering nearby districts) @ Rs. 2,00,000/- per batch in coordination of PWD (Bldgs &amp; NH)</i></p>   | <ul style="list-style-type: none"> <li>Training/Refresher Training of EE/AE on earthquake resistant construction technology</li> <li>Create a pool of engineers for adaptability to latest BIS Codes and Earthquake Resistant Construction Technology, assessment of Govt. buildings/infrastructures</li> </ul>  | ₹ 6,00,000  |             |
| 4 | District | Door to Door Landslide Awareness Programme through Community Participation | <p>Objective is to reach out to 9000 Households (approx) in landslide prone areas @ 25 households in 366 vulnerable in Guwahati based on the ASDMA collaborative study with AEC. The Programme will be undertaken in coordination with DDMA, Kamrup (M) and other stakeholders. (Timeline: 3 Months)<br/>Deliverables with budget:<br/>(i) All 9000 Households will be visited, listing of household details and geo-tagging (Lat &amp; Long) with GPS device (Rs 50 x 9000 = Rs 4.50 Lakhs)<br/>(ii) IEC materials along with mitigation directives will be distributed and a sticker will be pasted in each house (Rs 1.50 Lakhs)<br/>(iii) NGOs will coordinate with the household at field level (Rs 1.50 Lakhs)<br/>(iv) Transportation cost for field visit of the ASDMA &amp; DDMA Officials (Rs 0.50 Lakhs)<br/>(v) Report and Impact assessment will be done by a knowledge institute @ Rs 200/- in 366 (Rs 0.75 Lakhs)<br/>(vi) Stakeholder's Workshop on the deliverables &amp; outcome of the programme (Rs 0.90 Lakhs)<br/>(vii) Honorarium for field visit of the officials of concerned departments (Rs 1.00 Lakhs)<br/>(viii) Community Radio Involvement for awareness- (Rs. 1.20 Lakhs)<br/>(ix) Miscellaneous expenditure (Rs. 0.15 Lakhs)<br/>(x) Plantation at each household by ASDMA in coordination with Forest Department</p> | <ul style="list-style-type: none"> <li>ASDMA has taken a systematic approach for landslide risk mitigation across Guwahati city. ASDMA in coordination with DDMA Kamrup (M) has been undertaking sensitization for landslide mitigation in the last two years. In 2016, sensitization is done in all the vulnerable hillocks</li> <li>In 2017-18, the sensitization is done in all the vulnerable areas in cluster-wise in 40 most vulnerable location hillocks.</li> <li>This year 2018-19, the sensitization programme will be taken to household level..</li> <li>All 9000 Households will be visited, listing of household details and geo-tagging (Lat &amp; Long)</li> <li>Sensitization of communities at household level in landslide risk mitigation at vulnerable hillocks in Guwahati</li> <li>Engagement of community for landslide landslide vigil and non-structural risk mitigation at household level at 366 vulnerable areas in 20 hillocks in Guwahati. Community Radio will be involved for awareness generation across the vulnerable areas.</li> <li>Plantation at each household by ASDMA in coordination with Forest Department Methodology: Engagement of NGOs in coordination with DDMA's under supervision of ASDMA &amp; DDMA Officials. Impact assessment will be done at the end of the programme.</li> </ul> | ₹ 12,00,000 | ₹ 12,00,000 |
| 5 | State    | Flood Early Warning System (FLEWS)   | <p>ASDMA in collaboration with North Eastern Space Application Centre (NESAC), Umiam under Deptt. of Space has been implementing the Flood Early Warning System (FLEWS) since 2009. The prime objectives of the project are: 1. Issue of flood alerts, watch &amp; advisories in district and revenue circles for all flood prone districts of Assam during the flood season. 2. Post flood Monitoring and assessment of embankment breaches. 3. New developments such as inundation scenario library (experimental study, flood scenario dissemination portal development (experimental) etc. 4. Training and capacity building initiatives for identified technical manpower from Govt. of Assam towards future handover of the operational component of this activity from NESAC to suitable agency of Govt. of Assam.</p>  | On going project   | ₹ 59,50,000 | ₹ 59,50,000 |



|   |                |  |  |  |               |               |
|---|----------------|--|--|--|---------------|---------------|
| 6 | State          | State of the Art Emergency Operation Centre at Dispur                                      | Presently, the Emergency Operation Centre (EOC) of the ASDMA based at CM-Block, Janata Bhawan, Dispur is only collecting and disseminating information. However, with the technological advances the current EOC requires an upgradation for planning and disaster response. Therefore, there is a need for a unified platform integrating geospatial technologies along with communication networks, which will provide enhanced situational awareness and actionable intelligence for planning, managing and monitoring of state-wide activities. Moreover, the implementation of Geospatial technology will facilitate the administrative machinery for pre and post disaster incident analysis for better response and recovery.   | <ul style="list-style-type: none"> <li>The upgraded SEOC will provide a unified platform integrating geospatial technologies along with communication networks, which will provide enhanced situational awareness and actionable intelligence for planning, managing and monitoring of state-wide activities.</li> <li>The Geospatial technology installed at the SEOC will facilitate the administrative machinery for pre and post disaster incident analysis for better response and recovery.</li> </ul>   | ₹ 1,00,00,000 | ₹ 1,00,00,000 |
| 7 | State          | Publications (Annual Report, Newsletters, Documentation of activities etc.)                | Publishing of IEC's, annual reports, newsletter, documentation of activities etc.  | <ul style="list-style-type: none"> <li>ASDMA has to print its annual report which is mandated in the DM Act of 2005. besides ASDMA also has to undertake printing for IEC materials, Newsletters, Documentation of Activities etc.</li> </ul>  | ₹ 10,00,000   | ₹ 10,00,000   |
| 8 | State/District | Workshop/Seminars/Mock exercises on various disaster management issues                     | Various Workshops  | (Details of the workshop placed at Annexure-I)   | ₹ 40,00,000   | ₹ 40,00,000   |
| 9 | State          | Preparation of DPR for Landslide Mitigation Project under Centrally Sponsored Pilot Scheme | National Disaster Management Authority (NDMA) has conceptualized the project on "Centrally Sponsored Umbrella Pilot Scheme to Demonstrate Benefits of Landslide Mitigation". In this context, NDMA requested all landslide affected States / UTs including Assam, to submit a Detailed Project Report (DPR) on the basis of NDMA template for site specific landslide risk mitigation.<br>Landslide Mitigation involves actions taken to prevent or reduce the risk to life, property, social and economic activities and natural resources from landslide hazards which is essential for the wellbeing of our society. Both direct & indirect costs of landslides must be valued and shall be a part of decision making strategies for landslide mitigation.<br>Further, due to non-expertise in DPR preparation, State Governments are facing difficulty in preparation of a sound DPR for landslide mitigation. Therefore, NDMA trained Govt. officials as Master Trainer to strengthen the capacity of concerned departmental officials for taking proactive measures on landslide treatment & DPR preparation.<br>As mandated by NDMA, ASDMA has to submit DPR for Landslide Mitigation Project within three months. The project will be funded by NDMA as per scheduled funding of 80:20 to the State. | The roadmap for preparation of DPR:<br>1. Constitute a Core Committee for DPR Preparation and subsequent formation of a Core Team to monitor & analyse the process till final draft<br>2. Collaborative Govt Deptt / Organizations / Knowledge Institutes for the task: ASDMA, PWD (Bldgs & NH), PWD (R), DGM, GMDA, Soil Conservation, Forest Deptt., GSI & AEC (Civil Engg Deptt)<br>3. ASDMA will coordinate the whole process while PWD will be the project implementing Department<br>4. ASDMA will prepare a framework / flowchart for the job and prioritize the activities involved<br>5. All the collaborative departments will be requested to identify the landslide sites<br>6. PWD (Bldg & NH) will draft the Terms of Reference (ToR) for Request for Proposal (RFP)<br>7. Assam Engineering College (AEC) & Directorate of Geology & Mines will guide in planning of Geophysical & Geotechnical Investigation<br>8. ASDMA will place it in SEC to explore funding the cost for DPR Preparation<br>9. Submit to the draft DPR to NDMA for approval of Technical Evaluation Committee by 15th January, 2019 | ₹ 20,00,000   | ₹ 20,00,000   |

|    |          |  |  |  |             |             |
|----|----------|--|--|--|-------------|-------------|
| 10 | State    | Awareness Generation through TV, Newspaper, Radio etc.   | Advertisements to be published through various newspapers in different languages viz., English, Assamese, Bengali. Advertisements also to be aired through various electronic media like Radio, TV etc. The advertisements would be on safety & preparedness messages on various hazards. Also disseminating safety messages during flood/other disasters using public announcement system (through microphones)   | <ul style="list-style-type: none"> <li>As per the DM act 2006 and ASDMA Policy, it is mandated that one of the key area of work of ASDMA is to undertake wide dissemination of Dos and Donts for various hazards through mass media.</li> <li>ASDMA will have to publish print media in Assamese, english, hindi and bengali and air radio advertisements and telecast audio-visual advertisement. In the district level safety messages during flood/other disasters will be disseminated using public announcement system</li> </ul> | ₹ 30,00,000 | ₹ 30,00,000 |
| 11 | State    | Translation works  | All publications, advertisements, presentations etc. are generally made in english language. Therefore many a times it does not cater to the needs of the community at the grassroot level . Hence,translation of publication, safety messages, IEC, presentation etc. in languages such as Assamese, Bengali, Hindi etc.is essential to reach out to a wider mass.  | <ul style="list-style-type: none"> <li>Mostly advertisements, documentations, presentation etc. are made in English language.</li> <li>In order to reach people at the grass root level it is essential to translate it into Assamese, Bengali and Hindi.</li> <li>This will increase the understanding and reach of the document, presentation etc.</li> </ul>  | ₹ 1,00,000  | ₹ 1,00,000  |
| 12 | State    | Annual Maintenance Charges of 100 Nos. of Inflatable Rubber Boats under AMC  | Annual Maintenance Charges of 100 Nos. of Inflatable Rubber Boats under AMC for the year 2018-19   | <ul style="list-style-type: none"> <li>Yearly maintenance of boats</li> </ul>  | ₹ 20,00,000 | ₹ 20,00,000 |
| 13 | State    | Annual Maintenance Charges of 18 Nos. of Automatic Weather Station (AWS)   | GMDA procured and installed 18 nos. AWS in and around Guwahati city from SDRF. After procurement, the AWS were handed over to Kamrup-M who in turn handed over to F&ES. The AMC for these AWS expired on September,2017 and therefore, F&ES has requested ASDMA for providing the AMC cost amounting to Rs.12.00lakh+GST due to non-availability of fund in their current budget.  | <ul style="list-style-type: none"> <li>The AWS data will help the administration in understanding the amount of rainfall that occurs during the monsoon season, its spatial variation and also for developing flood early warning system for Guwahati city</li> </ul>  | ₹ 14,16,000 | ₹ 14,16,000 |
| 14 | District | Construction of District Emergency Operation Centre (DEOC) at Kamrup as Model DEOC with Earthquake Base-Isolation System | District of Kamrup cover a major part of Guwahati City on the other bank of the river Brahmaputra and is developing as the industrial hub. Presently, the DDMA Kamrup has no permanent building for District Emergency Operation Centre (DEOC) and working from a single room in DC's Office. So, it is urgently needed that that DDMA should have its own DEOC. Moreover, as the construction of DC's Office is in progress, so the construction of DEOC is included.Further, DEOC in Kamrup is proposed to be as Model DEOC with Earthquake Base-Isolation System developed by IIT, Guwahati and is been patented and one building is constructed in Arunachal Pradesh in coordination with State PWD. | <ul style="list-style-type: none"> <li>The Earthquake Base-Isolation System devised by IIT (G) is a cost-effective earthquake resilient technology much cheaper than other technologies available.IIT (G) would be engaged for technical supervision in coordination with PWD (Bldg)</li> <li>It may be one of the model earthquake –resistant building and may be replicated for construction of other DEOCs in future</li> </ul>   | ₹ 35,00,000 | ₹ 35,00,000 |

|    |       |  |   |  |  |               |
|----|-------|--|---|--|--|---------------|
| 15 | State | Pilot project on Real-time Water Level monitoring system (Jal Tarangini)<br>Developed by DIO (NIC) | An Innovative Automated River Water Level Monitoring system "JAL TARANGINI" being developed by District Informatics Officer, NIC. of Chirang and Hailakandi district. Real time and accurate reporting of water level is essential for monitoring and response in flood. There are certain challenges faced by the concerned agencies in collecting water level from certain locations during flood. The traditional way of collecting water level is done by physically visiting important locations and measurement is done using certain scaled marks. The person who visits the site records the scale reading using pen and paper. As most of the measuring points are located in remote areas, so visiting such multiple locations multiple times in a single day is a cumbersome task. | Hence the Internet based water level reporting system (Jal Tarangini) will assist the agencies in overcoming the hurdle faced by present scenario. The proposed device when installed in such locations can play a vital role in real time automatic reporting and storing the daily water level data in a database server. And the data captured by the device will help in analysing patterns and will act as a decision support system for administration.<br><br><b>Methodology:</b><br>1. The developers of the proposed innovative automated river water level monitoring system will demonstrate the technicality and the functionality of the said system to a Technical Committee been constituted for the purpose.<br>2. The aforesaid technical Committee will examine the feasibility of the system for future implementation at suitable strategic locations. | ₹ 5,00,000   | ₹ 5,00,000    |
| 16 | State | Web Servers for ASDMA  | To be installed at ASDMA Server room at NIC   | Hosting of 2 new portal along with database for MIS on Hospital Emergency Management System and Management Information System of ASDMA in its server room located at National Operation Centre NOC-NIC, Block A, Janata Bhawan.  | ₹ 10,00,000  | ₹ 10,00,000   |
| 17 | State | Gramya Surakhya Bondhu Achoni- State Convention of Gaon Burhas for Disaster Management             | Most effective response to a problem is always by those who face the problem upfront and It is the community, who are the real sufferer and the first responder and it has developed its own coping mechanisms and strategy to reduce the impact of disaster.<br><br>It is imperative to appreciate the local knowledge and resources, and to build on them in order to improve the capacity of the people to withstand the impact of disasters.<br><br>Ownership of disaster reduction by local people is essential and therefore, building community leadership and a chain of trained community cadres through participatory approach can help harness the resilience and resourcefulness of the community to cope up with exigencies.   | <ul style="list-style-type: none"> <li>Involvement and participation of the communities for collective and coordinated action during emergencies.</li> </ul> <p>Items included in the Kit to be distributed amongst Gaon Burhas are:</p> <ol style="list-style-type: none"> <li>Battery operated Mega Phone (one)</li> <li>Search Light(one)</li> <li>Whistle (one)</li> </ol>   | <ol style="list-style-type: none"> <li>Preparation of Venue (Hanger): 50.00 lakh</li> <li>Transportation of Gaon Burhas: 10.00 lakh</li> <li>Kit: 120 lakh</li> <li>Memento: 0.50 lakh</li> <li>IEC materials:0.50 lakh</li> <li>Refreshment: 10.00 lakh</li> </ol> <p><b>Total: Rs. 191.00 lakh</b></p> | ₹ 1,91,00,000 |

|              |       |   |   |   |                  |                  |
|--------------|-------|---|---|---|------------------|------------------|
| 18           | State | Lightning Early Warning System  | <p>Assam has a considerable number of casualties due to lightning in past few years. So, it is needed that ASDMA would have a system for lightning detection and alerting system as being used by SDMA's in Andhra Pradesh, West Bengal &amp; Odisha. The Lightning Early Warning System in these SDMA's are developed by Earth Networks Inc., Maryland, USA which has patented lightning detection and alerting methodology and other derivative products that are globally used.</p> <p>The objective of the project: (1) Reliable and timely Proximity Alerting for lightning strikes at least 30-45 minutes in advance, (2) Dangerous Thunderstorm Alerts by way of providing advance warning of severe thunderstorm / hailstorm activity, (3) Visualization Software for situational awareness</p> | <ul style="list-style-type: none"> <li>Proximity Alerting for lightning Dangerous Thunderstorms, Alerts for Lightning based Proxy Radar Visualization Tool, Steric Maps, Using Training, Manuals Technical Support, etc.</li> </ul>   | ₹ 50,00,000      | ₹ 50,00,000      |
| 19           | State | Creation of Disaster Management Cell and providing IT support system to the 16 Departments where ASDMA has already placed Project Officer, Disaster Management. | <p>ASDMA has placed 16 Project Officers, Disaster Management in 16 key departments viz. PWD Roads, PWD Building, PHED, WRD, Power, Forest &amp; Environment, A.H. &amp; Vetty. Soil Conservation, Health &amp; Family Welfare, Irrigation, Social Welfare, UDD, P &amp; RD, Industry &amp; Commerce, Education and Agriculture Department.</p> <p>Placing of the services of these Project Officers have been of help in coordinating with departments on issues of Disaster Management, preparation of Departmental DM Plan, conduct of training and capacity building activities, conduct of mock drill etc.</p>  | <p>Creation of Disaster Management Cell in these 16 departments will help in integrating the Disaster Risk Reduction activities into the departmental works and projects.</p> <p>Equipments to be provided:</p> <p>one Desktop Computer with Printer, UPS and Scanner along with one Table and a chair to each of these cell.</p> | ₹ 35,00,000      | ₹ 35,00,000      |
| <b>Total</b> |       |   |   |   | ₹ 7,59,66,000.00 | ₹ 7,59,66,000.00 |

## Work Plan for Capacity Building under Disaster Response for 2018-19 for 9.48 Cr.

| Sl. No. | Target Level | Activities  | Outcome & Methodology   | Amount Involved |
|---------|--------------|---|---|-----------------|
| 1       | District     | <p><b>Scaling up of APADA Mitra Project of Govt. of India in additional 13 Flood Prone Districts @ Rs. 3.60 Lakhs per district.</b> (Kamrup (R), Barpeta, Dhubri, Cachar, Karimganj, Hailakandi, Dima Hasao, Dibrugarh, Majuli, Morigaon, Nagaon, Golaghat, Biswanath)</p> <p>a. Budget break-up of Rs 3.60 Lakhs same as submitted by the DG, Civil Defence, Assam for AAPDA MITRA Training.</p> <p>b. Training for community volunteers for build up the capacities in search &amp; rescue techniques at the time of flood and other major disaster in community level.</p> <p>c. A total of 650 Community Volunteers will be trained from 13 districts (50 Volunteers each district)</p> | <ol style="list-style-type: none"> <li>As per SDRF standard 50 no of community volunteers will be at the district level.</li> <li>The volunteers will deploy in search and rescue operation during flood.</li> <li>The trained volunteers will enhance the SDRF strength across the state at community level.</li> <li>To respond immediately at community level with all search and rescue equipments.</li> <li>Trained local youths and create a pool of Community Volunteers to help in S&amp;R during flood.</li> </ol> | ₹ 46,80,000     |
| 2       | State        | <p>Hands-on-training on Modern Rescue Equipment's for SDRF Personnel:</p> <p>ASDMA will impart two days hands-on-training on Modern Rescue Equipments for State Disaster Response Force, Assam in association with Fire &amp; Emergency Services, and Central Training Centre, Civil Defence ( 6 batches @ Rs. 2.00 lakhs per batch)</p>  | <ol style="list-style-type: none"> <li>Enhance the knowledge of SDRF personnel in using of modern equipments in the search &amp; rescue operation.</li> <li>Create a pool of additional Skill Manpower in the district level.</li> <li>Utmost utilisation of Search &amp; Rescue Equipments.</li> <li>Enhance the capacity in basic maintenance of modern equipments.</li> </ol>  | ₹ 12,00,000     |
| 3       | State        | <p>Three Days Refresher Training Programme for SDMA officers (State and Districts).</p>   | <p>Three days refresher training for State Disaster Management Authority officers (State and District) State Disaster Management Authority officers (State and District)</p> <ol style="list-style-type: none"> <li>6 nos of National level resource persons will be invited for the Training.</li> <li>Target Participants will be the State and District officers of SDMA.</li> </ol>   | ₹ 4,00,000      |

|   |                  |  |   |   |           |  |
|---|------------------|--|---|---|-----------|--|
| 3 | District         | <p>Training of police personnel on Disaster Management</p> <p>Training of Police personnel on Disaster &amp; Trauma Management in 33 Districts @ Rs 30,000/- Total: Rs 9.90 Lakhs (3 days training)</p>  | <p>a. Since the first duty of police personnel is to protect people, duty requirements and public expectations mandate that the police officer understands the techniques for providing first aid and assistance until more highly qualified medical professionals arrive. Basic first aid and CPR skills must be learned and maintained throughout an officer's time in the police service.</p> <p>b. Trainees will learn to identify the key elements of people's safety in emergency situations and the proper procedures to follow when first observing an emergency scene.</p> <p>c. Trainees will learn to administer first aid and Cardio Pulmonary Resuscitation (CPR) procedures for adults, children and babies.</p> <p>d. Trainees will learn and practise the procedure for surveying a victim's complete state, and to stop bleeding and treat shock.</p> <p>e. Management of Trauma in post disaster scenario.</p> <p>f. Basic knowledge of Rescue techniques and referral management in case of post disaster.</p> | ₹ | 9,90,000  |  |
| 4 | State & District | Annual Maintenance, upgradation and procurement etc. of various equipments and maintenance of office building etc.   |   |   |           |  |
|   |                  | i) State Headquarter   |   | ₹ | 12,00,000 |  |
|   |                  | ii) DDMA   |   | ₹ | 14,00,000 |  |
| 5 | District         | Chief Minister's Disaster Preparedness programme for Schools (Under the National School safety Policy)   |   |   |           |  |
|   |                  | <b>a. School Safety Training (School Focal Point Teachers)</b>   |   | ₹ | 32,34,000 |  |
|   |                  | <p>As per National School Safety Policy, It has been mandated that State Disaster Management Authority needs to conduct of 3 days Training for focal point teachers on School Safety covering 50 schools from each 33 districts.</p> <p>The expenditure has been worked out at Rs. 1,50,000/- per district and the training will be provided for preparation of DM Plan, process for conduct of School Mock drill. etc.</p> <p>Detail Expenditure:</p> <p>i. Honorarium - 0.12 Lakh</p> <p>ii. Refreshment- 0.54 Lakh</p> <p>iii. Travelling Allowance Resource Person- 0.12 Lakh</p> <p>iv. Travelling Allowance for trainees- 0.25 Lakh</p> <p>v. Practical Mock Drill- 0.20 Lakh</p> <p>vi. Training Materials (Stationaries, Printing of Modules - 0.22 Lakh</p> <p>vii. Miscellaneous (Venue, POL)- 0.05 Lakh</p> | <p><b>Outcomes:</b><br/>ASDMA will train up 50 School safety Focal Point Teachers (Govt. &amp; Private) from the District as "Master Trainers" for implementation of NSSP at Block level.</p> <p><b>Methodology:</b></p> <ol style="list-style-type: none"> <li>1. SCERT will notify key resource persons for imparting training in the Districts.</li> <li>2. The SSA &amp; RMSA will notify "School Safety Focal Point Teachers" for participation in school safety ToT (Training of Trainers).</li> <li>3. SCERT will share ASDMA/NDMA approved "Training modules on School Safety" with District Level Teacher Training Institute.</li> <li>4. The DDMA will organize training on School Safety in collaboration with ASDMA.</li> </ol>   |   |           |  |

|   |                  |  |  |             |
|---|------------------|--|--|-------------|
|   |                  | (i) Three Days Training of Trainers (ToT) for Engineers (SSA, RMSA, PWD, ULBs, T& CP) on RVS and Non-Structural Mitigation at State Level  | 1. Assessment of structural safety in pre and post disaster scenario.<br>2. Need a pool of engineers ready for assessment of damage structure in major Earthquake.   | ₹ 3,00,000  |
|   |                  | (ii) 2 Days Training for Engineers (SSA, RMSA, PWD, ULBs, T& CP) on RVS and Non-Structural Mitigation at District Level (1 batch of 2 days training for 30 engineers on RVS (1 x 33 districts) @ Rs. 1,00,000/-)   | 3. The engineers can use as a resource tool in awareness generation among society  | ₹ 33,00,000 |
|   |                  | Training of Master Trainers under National School Safety Policy on First-Aid and Life saving skills in 145 educational blocks in 33 districts @ Rs. 30,000/- per<br><br><b>(Day 1-</b> Introduction to First Aid, Triangular bandage and different types of knots, human anatomy wounds, bleeding and fracture, use of CPR<br><br><b>Day 2-</b> Practical session on bandaging and mass casualty management, referral transportation etc.)   | <ul style="list-style-type: none"> <li>ASDMA will train up 25 Master Trainers on First Aid,</li> <li>Participants are from the District who will impart First Aid Trainings of "Peer Groups/School safety Ambassadors" at School Level.</li> </ul> <b>Methodology:</b><br>Indian Red Cross Society will share the 8 hour training module with ASDMA <ul style="list-style-type: none"> <li>(District) Joint Director Health Services will notify MPWs for Training of Trainers</li> <li>SSA/RMSA will notify SFPTs for First Aid training</li> <li>The SDMA will transfer the funds to IRCS</li> <li>IRCS in co-ordination with DDMA, SSA &amp; RMSA will impart training in all Educational Blocks</li> </ul> | ₹ 43,50,000 |
|   |                  | 2 Days School Safety Training (Headmasters and Principals) under the National School Safety Policy.<br>(Training contents: National DM Act & Policy and Institutional Framework, Safe learning environment and quality education under RTE, planning & implementing School Safety within the school, integration of disaster preparedness measures in curricular & co-curricular activities)<br><br>i. Refreshment- 0.325 Lakh<br>ii. Travelling Allowance for trainees- 0.30 Lakh<br>iii. Training Materials- 0.09 Lakh<br>iv. Banner & Standee- 0.005 lakh<br>v. Miscellaneous (POL etc.)- 0.05 Lakh | <b>Outcomes:</b><br>ASDMA will train up 50 Head masters & Principals (Govt. & Private) from the District as "Master Trainers" for implementation of NSSP at District level for training of School Disaster Management Committee(SDMC).<br><br><b>Methodology:</b><br>1. ASDMA will prepare guideline for the training and share with DDMA.<br>2. SCERT will share ASDMA/NDMA approved "Training modules on School Safety" with Districts<br>3. SCERT will notify key resource persons for imparting training in the Districts<br>4. DDMA in coordination with SSA & RMSA will organise the training in district level.   | ₹ 25,41,000 |
| 6 | State & District | Activities under PM 10 point agenda  |  | ₹ 15,00,000 |

|   |          |  |  |             |
|---|----------|--|--|-------------|
|   |          | <p>1. ToT on Minimum Initial Services Package (MISP) at State level and subsequent workshop at district by April, 2018<br/>*Two-days: ToT at State level: Rs 1.25 Lakhs<br/>*Training at 33 districts @ Rs 25,000/- i.e. Total: Rs 8.25 Lakhs</p> <p>2. Sensitize the SHGs &amp; SMEs regarding Disaster Risk Reduction (DRR) in coordination with Assam State Rural Livelihood Mission (ASRLM) in five Pilot Districts (Lakhimpur/ Karimganj/Darrang/Nalbari/Majuli) by 2018<br/>* Sensitize the SHGs &amp; SMEs regarding Disaster Risk Reduction (DRR) in five Pilot districts @ Rs 1.00 Lakh each i.e. Total : Rs 5.00 Lakh</p> <p>(Four sensitization programme in each district @ Rs 25,000/- i.e. Total: Rs 1.00 Lakh)<br/>Sensitisation programme, workshop, Training &amp; documentation for DRR initiatives included under PM's 10 Point Agenda etc.</p> | <ol style="list-style-type: none"> <li>1. Encourage greater involvement and leadership of women in disaster risk management</li> <li>2. Make assessment of requirement and listing of details requirement of women during their stay at relief shelters</li> <li>3. Sensitize about risk coverage for all-starting from poor households to SHGs &amp; SMEs</li> </ol>  |             |
| 7 | District | Survey of Historical Data (Database under Disaster) from 2005-2018   | <p>Historical data, in a broad context, is collected data about past events and circumstances pertaining to a particular subject. By definition, historical data includes most data generated either manually or automatically within an organization. With the changes in the nature and the society, risks will inevitably change. It implies that, with the passage of time, some historical data would be valid for probabilistic risk analysis. Disasters pose a significant threat to the sustainability of development projects and investments.</p> <p>Records of past natural hazard events play an important role in developing the understanding of present and future hazard potential where available. Such records typically include a measure of natural hazard intensity and location, as well as dates of occurrence. In some cases, these catalogues can stretch back hundreds of years, with researchers working through historical documents to estimate the characteristics of more distant events. More commonly, however, records go back only a few decades. Entries for recent events are often based on precise observation and measurement.</p> <p>In this regard, ASDMA proposes to collect and compile the past historical data from the District on Flood, Earthquake, Erosion, Landslide, Storm, Lightning, Erosion affected Families, and Flood affected Families etc. for create a data base for future plan of action.</p> <p>Gain a clear perspective of the, present. Present problems are understandable only on the basis of their past. Historical research can provide us not only with a hypothesis for the solution of current problems but also with greater appreciation of the culture and the role which education is to play in the progress of the society. The analyse part will help the future plan of action for administration.</p> <p><b>Methodology:</b> Historical research is quite different from experimental studies. But a historical research worker has to pass through similar stages such as selecting, stating and delimiting the problem.</p> <ul style="list-style-type: none"> <li>• Collection of data through primary and secondary sources</li> <li>• Evaluate the authenticity and accuracy of the source material</li> <li>• Analyse the data and develop a narrative exposition of the finding</li> </ul> | ₹ 3,30,000  |
| 8 | State    | Production of Audio-Visual creatives for advertisements on Storm, Flood, Lightening etc. Documentaries, Audio-Visual Documentation of Activites etc.   | ASDMA do not have audio-visual advertisements on storm, lightning etc. which could be telecasted through various audio-visual mediums like TV, social media etc. By producing creatives in audio-visual media on different hazards ASDMA can disseminate messages in a more effective manner.  | ₹ 10,00,000 |



|    |          |   |  |             |
|----|----------|---|--|-------------|
|    |          |   | <ul style="list-style-type: none"> <li>ASDMA needs to document its activities in audio visual medium so that it can be highlighted in various platforms at national and regional level.</li> <li>ASDMA also requires to produce creative for Audio visual medium so that it can be telecasted through satellite channels and used during various sensitization meets at the community level</li> </ul>   |             |
| 9  | District | Awareness generation through mobile vans  | Safety messages on various hazards would be disseminated through audio-visual medium in various locations for a duration of 60 days. A mobile van would be branded and safety messages will be displayed along with entertainment contents.  | ₹ 20,00,000 |
| 10 | State    | Updation of State Disaster Management Plan  | <p>* The State Disaster Management Plan (SDMP) was prepared in the year 2014 which need to be updated with revisit on some of the data / information. Further it is required to have a implementable framework considering the evolving risk profile of the State with development process.* In this regard, updation of the departmental information, hazard profile &amp; other dataset could be initiated by ASDMA. Subsequently the earlier Consultant may be discussed and their expertise may be requested to revisit the present risk scenario and incorporate the same for risk management framework in the SDMP. * As mandated by DM Act, 2005 u/s 23 and PIL of Hon'ble Supreme Court</p> <ul style="list-style-type: none"> <li>As mandated in the DM Act, the State Plan needs to be updated on annual basis.</li> <li>The State plan was prepared in the year 2014.</li> <li>Four years have passed since the preparation of the plan and therefore, It is proposed to update the plan incorporating information and data from the updated district and departmental DM Plans.</li> </ul>   | ₹ 15,00,000 |
| 11 | State    | Preparation of post disaster recovery framework for the State of Assam                          | <p>Assam is located in earthquake zone V i.e. most vulnerable seismic zone of the country. In the past the State experienced many severe earthquake. Besides, the state is also vulnerable to flood, landslide, erosion and storm. Preparation of a post disaster recovery framework for the state will help in speedy recovery and bring role clarity among various departments. ASDMA therefore proposes to prepare a post disaster recovery framework with the help of UNICEF.</p> <ul style="list-style-type: none"> <li>Preparation of a post disaster response framework that will subsequently be the basis of State Recovery Policy.</li> <li>Methodology: Consultations with various departments and stakeholders &amp; existing DM Manual 2015 and other notifications and polices of the State.</li> </ul>  | ₹ 15,00,000 |
| 12 | Village  | Preparation of Village Disaster Management Plan at grass root level in 154 Revenue Circles      | <p>Community based approach has been initiated all over the world for managing disasters. Government of India has also encourages to initiate decentralized community based disaster preparedness programme to build disaster resilience of local communities, who are the first responders in any disaster. Village disaster management plans are proposed to be prepared in each of the villages of 154 revenue circles involving the local communities for Capacity building at grass root level. This will help to institutionalise a system for Disaster Risk Management at various levels from State to the villages.* As mandated by DM Act, 2005 u/s 30</p> <ul style="list-style-type: none"> <li>Multi-hazard preparedness and mitigation plans will be prepared on the basis of local conditions, analysis of past disasters, existing vulnerability and available resources in the village involving the communities living in these villages.</li> <li>Local committees &amp; Task forces will also be constituted as a part of the plans. ASDMA will maintain an online database after preparation of the plans and initiate future activities involving them.</li> <li>Preparation of Village disaster management plan in every villages of 154 revenue circles of Assam</li> </ul> | ₹ 16,40,000 |
| 13 | State    | Developing Assam Institute of Disaster Management (AIDM):Preparation of Detailed Project Report | Objectives of establishing Assam Institute of Disaster Management (AIDM):• To impart quality training in DM. • To impart knowledge and raise awareness in DM issues at all levels • To provide support in developing sector specific disaster emergency preparedness plans• To create a platform for exchange of ideas and sharing of information on Disaster Management. • To carry out research and consultancy in DM related issues. • To disseminate information on DMB. ASDMA will select a consultant to prepare DPR for   | ₹ 50,00,000 |

|              |                |   |   |                      |
|--------------|----------------|---|---|----------------------|
|              |                |   | <p>Developing Assam Institute of Disaster Management (AIDM)C. Scope of Work for DPR Preparation: * Preparation of Detailed Project Reports (DPR) for establishment of Assam Institute of Disaster Management (AIDM) including civil works* Preparation of Detailed Feasibility Report (DFR)* Institutional Planning* Educational Planning and Administration* Manpower Planning and Forecasting* Curriculum Development* Development of Library Resources and Computer Infrastructure* Capacity Development* Impact Assessment Studies</p> <ul style="list-style-type: none"> <li>To develop professional training modules and organise training programmes in disaster management.</li> <li>To develop comprehensive field training programme, regional facilities and portable training gadgets accessible to all areas of the State</li> <li>To routinely evaluate and adjust quality of training so as to remain relevant to the needs of all the stakeholders</li> <li>To carry out research and disseminate research information for undertaking appropriate mitigation strategies, improve research environment and develop mechanism for effective dissemination of research findings</li> <li>To carry out consultancy and advisory services.</li> <li>To organise and facilitate conferences, workshops and seminars on various issues of DM7)</li> <li>To set up Centres of Excellence on Safe construction Practices/ Earthquake Risk Mitigation/ Flood &amp; Erosion mitigation/Disaster Information Centre etc.</li> </ul> <p>ASDMA will prepare the DPR for Developing Assam Institute of Disaster Management (AIDM) through a consultant and will explore funding sources for phase-wise funding of the project</p> |                      |
| 14           | District       | Remuneration of 154 Nos. Field Officers   |   | ₹ 4,31,20,000        |
| 15           | State/District | Exposure visit  | <p>Orientation cum Training &amp; Exposure visit (experience sharing for recovery &amp; reconstruction measures) for the following hazards:</p> <p>(i) Earthquake: Bhuj, Gujrat, Japan, Mexico, Chile</p> <p>(ii) Flood : Thailand</p> <ul style="list-style-type: none"> <li>Improved knowledge on best practices and challenges for recovery and reconstruction efforts in post-earthquake, urban flood, storm, cyclones etc.</li> </ul>  | ₹ 20,00,000          |
| 16           | State          | Remuneration of 16 Nos. Project Officers (DM)   |   | ₹ 52,60,800          |
| 17           | State          | Remuneration of 5 Nos. of Data Entry Operators  |   | ₹ 9,00,000           |
| 18           | State          | Remuneration of 14 nos. of Disaster Professionals w.e.f. April, 2018 to June, 2018                        |   | ₹ 10,50,000          |
| 19           | District       | Procurement of Disaster Management Kit for AAPDA MITRA training 12 districts (scaling up of NDMA project) | 20 kits for 12 districts @ 10,000   | ₹ 24,00,000          |
| 20           | State          | State Share for Procurement of AAPDA MITRA KIT for Kamrup Metro and Jorhat (NDMA Funded Scheme)           | 200 Kits for Kamrup Metro & Jorhat  | ₹ 20,00,000          |
| <b>TOTAL</b> |                |   |   | <b>₹ 9,47,95,800</b> |

**Work Plan for Rs. 997.97 lakhs under Capacity Building for Disaster Response for the year 2017-18**

| Sl. No.      | Activities  | Unit Cost(Rs.)       | Number       | Total Cost (Rs.)    |
|--------------|---|----------------------|--------------|---------------------|
| 1            | Decentralised Emergency Management Exercise at Panchayat and Village Level for celebration of four important days at Circle Level (World Env. Day-5th June, Independence Day-15th August, 13th October-IDD and 26th January-Republic Day)   | 5000                 | 8728         | ₹ 436,40,000        |
| 2            | (i) Refresher Training and Consolidation workshop on preparation of Village Land Use Plan (VLUP) and Village Disaster Management Plan (VDMP) (Rs. 7,15,500/- for State level workshop @ Rs. 2,38,500/- in three batches and Rs. 18,02,250/- for District level workshop in 27 districts @ Rs.66,750/- ) | 238500<br>&<br>66750 | 3<br>&<br>27 | ₹ 25,17,750         |
|              | (ii) Documentation of VLUP and VDMP at Circle Level (@ Rs. 2,500/- per village for 30 revenue villages in 130 Nos. of Revenue Circles)  | 75000                | 128          | ₹ 96,00,000         |
| 3            | Remuneration of 154 nos. of Field Officers placed at 154 nos. of Revenue Circles of Assam for 1 (one) year  | 20000                | 154          | ₹ 369,60,000        |
| 4            | Capacity Building workshop on preparation of resource inventories using GPS devices for flood prone villages  | 70250                | 6            | ₹ 4,21,500          |
| 5            | Capacity Building for DEOC and SEOC Information Assistants on EOC Functioning, SOPs, reporting format, communication skills etc.  | 100000               | 7            | ₹ 7,00,000          |
| 6            | Workshop and meeting for operationalisation of Circle Disaster Management Committees  | 2500                 | 154          | ₹ 3,85,000          |
| 7            | Remuneration of 16 Project Officers to be placed in 16 key departments of the State Govt.   | 27400                | 192          | ₹ 52,60,800         |
| 8            | Remuneration of 2 (Two) nos of Data Entry Operators engaged at Revenue & DM Department for 1 (one) year   | 13000                | 24           | ₹ 3,12,000          |
| <b>TOTAL</b> |   |                      |              | <b>₹ 997,97,050</b> |

## **Concept Note on Assam Institute of Disaster Management**

### **I. Background**

It is a well-known fact that today's disasters are often influenced by, or at least extended by, human activities. Population growth and associated pressures cause more people to live in flood plains or in areas prone to landslides. Inadequate land-use planning, poor environmental management and a lack of appropriate institutional and legislative arrangements increase the risk and multiply the effects of disasters.

Living with risk is the order of the day and we must learn to reduce these risks through appropriate measures focused on planning, forecasting and mitigation. In recent years, there has been a major conceptual shift in how people seek to cope with disasters that arise from natural hazards. While humanitarian response capacities are vital and need continued attention, the focus on addressing risk underlines the recognition that human intervention designed to reduce the vulnerability of communities and assets can reduce the impact of disasters.

### **II. Need for establishing an Institute of Disaster Management**

Living with risk and to develop disaster risk reduction initiatives, priority emphasis must be given to education and training as an essential part of disaster reduction and management strategies. The various dimensions of disaster risk management within a community can be addressed and continuously reinforced, passed between generations, through formal educational programs and professional training. People's understanding and the exercise of their professional skills are essential components of disaster management and risk reduction strategy.

Management of disasters therefore, requires a multidisciplinary approach and building requisite skills and capabilities adequate enough to effectively deal with the whole cycle of disaster management – prevention, mitigation, preparedness, response, relief and rehabilitation. There is thus an urgent need to raise general awareness levels of the people as also organise meaningful training for professionals who can play a pro-active role in disaster management.

### **III. Context**

Considering the vulnerability of Assam to natural hazards and the socio-economic vulnerability of the people living in the State, a comprehensive plan for disaster preparedness and mitigation is the need of the hour. Capacity building of officials of different line departments dealing with emergencies is a major component of preparedness & mitigation and it is this aspect which underlines the need to promote an Institute of Disaster Management in the State of Assam.

The Assam Institute of Disaster Management could build and continuously upgrade the disaster management capabilities of public administration, communities and other stakeholders and strive for integration of disaster management perspective in the overall development process. It could also provide guidance and direction to the Assam State Disaster Management Authority on mitigation measures specific to each hazard that the State is vulnerable to. Further, the Institute could carry out activities on Research and Development, Consultancies, Documentation of best practices etc. It is envisaged that the Assam Institute of Disaster Management could be a Centre of Excellence for the entire

North East, autonomous and self- sustaining so that it can overcome resource constraints. Finally, it would help in establishing & strengthening overall disaster management institutional capacities at the state level and below.

#### **IV. Aim**

- 1) Contribute to lessening of community vulnerability to disasters, Improve their disaster preparedness, Response capabilities and Recovery mechanisms
- 2) Build capacity on Disaster Management through training and research

#### **V. Objective**

- To impart quality training in DM
- To impart knowledge and raise awareness in DM issues at all levels
- To provide support in developing sector specific disaster emergency preparedness plans
- To create a platform for exchange of ideas and sharing of information on Disaster Management
- To carry out research and consultancy in DM related issues
- To provide guidance and direction to the ASDMA on mitigation measures specific to each hazard
- To disseminate information on DM
- To Provide platform for documentation of field experience including lessons learned and best practices

#### **VI. Core Functions of the Assam Institute of Disaster Management**

- 1) To develop professional training modules and organise training programmes in disaster management.
- 2) To develop comprehensive field training programme, regional facilities and portable training gadgets accessible to all areas of the State
- 3) To routinely evaluate and adjust quality of training so as to remain relevant to the needs of all the stakeholders
- 4) To carry out research and disseminate research information for undertaking appropriate mitigation strategies, improve research environment and develop mechanism for effective dissemination of research findings
- 5) To carry out consultancy and advisory services
- 6) To organise and facilitate conferences, workshops and seminars on various issues of DM
- 7) To set up Centres of Excellence on Safe construction Practices/ Earthquake Risk Mitigation/ Flood & Erosion mitigation/Disaster Information Centre etc.
- 8) To provide assistance to the State Government, Assam State Disaster Management Authority and District Disaster Management Authority in the field of disaster management.
- 9) To network and build working partnership with all concerned organisations including universities, NGOs, corporate bodies and other national/international and State institutions
- 10) To undertake any other function related with DM as may be assigned to it by the State Government

The Assam Institute of Disaster Management will therefore work as an autonomous institute under the Assam State Disaster Management Authority , helping the government in

formulating appropriate policy interventions and strengthening their capabilities in all aspects of disaster management.

The Institute will not only provide an extensive range of training programmes but will also provide consultancy services as and when called for. The Institute will also monitor the developmental activities of the departments for providing suggestions for incorporating necessary mitigation measures. As a think tank of the Authority, the Institute will also act as an advisory body providing necessary inputs for prevention, preparedness and mitigation measures that can be undertaken for the different hazards that the State is prone to.

## **VII. Organisational Overview**

The Organogram of the Assam Institute of Disaster Management is placed at Annexure I.

- Assam Institute of Disaster Management will be a State level Autonomous body under direct support of the Government of Assam
- The Institute will broadly be divided into two divisions: 1) Training, Research & Consultancy and 2) Administration & Finance
- It will be headed by a Director General and supported by two Deputy Director-Generals in charge of each of the two divisions
- Under the Training, Research and Consultancy will be the Geo- Hazard division, Hydro-met division, Climate change division, GIS & Remote Sensing division, Extension & Response division headed by respective Directors.
- Under the Administrative & Finance will be General Administration, Finance, Library & Documentation and Hostel Administration.

## **H. AIDM Infrastructure & Other facilities**

- Ground space required will include its Administrative section, Faculty Divisions, Library & Documentation Centre, Training & Conference and Workshop Block, Hostel Facility, Recreation & Sports facility, etc.
- Facilities for practical training on fire disaster, chemical disaster, flood rescue, etc.

## **I. Finance**

The detailed financial project proposal for setting up the Assam Institute of Disaster Management will be submitted, once the concept is approved in principle. However, it may be mentioned that a similar project viz "Gujarat Institute of Disaster Management" undertaken in the State of Gujarat involved an approximate expenditure of Rs 135 crores. A rough estimate for setting up the Assam Institute of Disaster Management would be approximately Rs 150 crores.

## Plan of Action for implementation of Hon'ble Prime Minister's Ten Point Agenda on Disaster Risk Reduction:

| Ten point Agenda  | Actions Taken on Ten Point Agenda   | Time-bound Plan of Action on Ten point Agenda   |
|---|---|---|
| 1. All development sectors must imbibe the principles of disaster risk management   | <b>Actions Taken:</b> <ul style="list-style-type: none"> <li>▪ ASDMA has initiated preparation of Departmental Disaster Management Plans for key departments of the State Govt as first step towards integration of disaster risk aspects in their plans, programmes &amp; activities.</li> <li>▪ Dedicated manpower provided to 16 key departments of the State Govt to cater and ensure integration of Disaster Risk Reduction activities in the departmental policies and programmes.</li> </ul>   | <ul style="list-style-type: none"> <li>▪ Disaster Management Plan Preparation Committee in 16 Key Departments will be formed by January 2018</li> <li>▪ Departmental sensitization for inclusion of DRR components in their developmental activities by March, 2018</li> <li>▪ Departmental Disaster Management Plans of the 16 key departments will be ready by 2018</li> <li>▪ Annual review of District Disaster Management Plans (DDMPs) by 2018</li> <li>▪ Ensure implementation of National School Safety Policy in all the schools across the State by 2018</li> </ul> |
| 2. Work towards risk coverage for all-starting from poor households to SMEs to multi-national corporations to nation states | <b>Action Taken:</b> <ul style="list-style-type: none"> <li>▪ Not yet initiated.</li> </ul> <p>The State Disaster Management Authority intends to devise community based financial capacity building programme for the most flood vulnerable villages.</p>  | <ul style="list-style-type: none"> <li>▪ Sensitize the SHGs &amp; SMEs regarding Disaster Risk Reduction (DRR) in coordination with Assam State Rural Livelihood Mission (ASRLM) by 2018</li> <li>▪ Organize collaborative workshop with MNC / PSU for promotion of DRR activities under Corporate Social Responsibility (CSR) funding by March, 2018</li> <li>▪ Sensitization campaign in coordination with Krishi Vigyan Kendra and expert agencies to introduce climate &amp; disaster resilient cropping pattern for alternate livelihood by June, 2018</li> </ul>        |
| 3. Encourage greater involvement and leadership of women in disaster risk management  | <b>Action taken:</b> <ol style="list-style-type: none"> <li>I. ASDMA organised a workshop on "Women &amp; Girls the (In) visible force of resilience" as a part of IDDR- 2012 celebration.</li> <li>II. ASDMA organized trainings in the Emergency Exercise (EMEx) on the MISP (Minimum Initial Services Package) as special initiative.</li> <li>III. Distribution of Fuel-efficient cook-stoves in the pilot flood-resilient villages in five district is on process</li> <li>IV. Participation of women in the Emergency Management Exercise (EMEx)</li> </ol> | <ul style="list-style-type: none"> <li>▪ Workshop on Minimum Initial Services Package (MISP) at State level for ToT and subsequent workshop at district by April, 2018</li> <li>▪ Inclusion of women in the Task Force (viz. Search &amp; Rescue, First Aid, Relief Camp Management, Early Warning dissemination) under VLMCC by 2018</li> </ul>  |

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|  | <p>V. Pool of women volunteers training Search &amp; Rescue, First Aid, Relief Camp Management, etc.</p> <p>VI. Women representatives included in Village Land Management and Conservation Committee (VLMCC) notified by Revenue &amp; DM Department</p>   |  |
| <p>4. Invest in risk mapping globally. For mapping risks related to hazards like earthquakes we have accepted standards and parameters</p> | <p><b>Action taken:</b></p> <ul style="list-style-type: none"> <li>▪ Utility Mapping of all Critical Infrastructures &amp; Services of Assam &amp; development of mobile app for integration of field information.</li> <li>▪ Mapping of Open Spaces in Guwahati city completed.</li> <li>▪ Mapping of other major towns/cities of Assam completed</li> <li>▪ More than 500 schools of Guwahati city have been surveyed for assessing their structural and non-structural vulnerability and documented.</li> <li>▪ 35 Hospitals of Guwahati city assessed for their safety (multi-hazard) under the project. Report has been shared with Health department.</li> <li>▪ Assessed 324(G+4) apartment buildings of Guwahati city.</li> <li>▪ Non- Destructive tests in Deputy Commissioners' office of 27 districts completed. 18 Deputy Commissioners' offices are found to be vulnerable where retrofitting works initiated by GAD through Public Works Department (PWD)</li> <li>▪ Hazard Risk &amp; Vulnerability Assessment (HRVA) in three cities viz. Guwahati, Silchar, Dibrugarh and one district viz. Dhemaji is completed using Geo-Spatial Technology</li> <li>▪ Flood Hazard Atlas of Assam is prepared in 2016 with 18 years flood inundation data by Remote Sensing Technology. This Atlas highlights Revenue Circle wise list of flood inundated villages of Assam in terms of low, moderate, high &amp; very high.</li> <li>▪ Development of Earthquake Damage Estimation of Guwahati City in Probable Earthquake Scenarios</li> </ul> | <ul style="list-style-type: none"> <li>▪ Embankment Mapping will be done using Unmanned Aviation Vehicle (UAV) on pilot basis for two districts by 2018</li> <li>▪ Capacity building workshop on Resource Mapping with Global Positioning System (GPS) across the State involving various stakeholders by April, 2018</li> <li>▪ Development of urban flood early warning system for Guwahati is in process</li> </ul> |



|   |   |   |
|---|---|---|
| <p>5. Leverage technology to enhance the efficiency of our disaster risk management efforts</p> | <p><b>Action taken:</b></p> <ul style="list-style-type: none"> <li>▪ Flood Early Warning System (FLEWS) developed by ASDMA in collaboration with North Eastern Space Application Centre (NESAC), Umiam, Meghalaya. This system helps the govt. machinery in taking advance preparedness measures for flood mitigation.</li> <li>▪ Web based utility mapping and shared with all districts and Revenue Circles.</li> <li>▪ Dedicated disaster management phone-lines provided to the existing erstwhile 27 numbers of districts in District Emergency Operation Centre (DEOC) and State Emergency Operation Centre (SEOC)</li> </ul> | <ul style="list-style-type: none"> <li>▪ Detailed GPS mapping of flood vulnerable villages as per Flood Hazard Atlas by 2018</li> <li>▪ MIS of Hospitals at Guwahati on pilot basis by February, 2018 and will be extended in seven growing townships (Dibrugarh, Silchar, Tezpur, Nagaon, Jorhat, Tinsukia, Barpeta Road) in the State by 2018</li> <li>▪ Procurement of Satellite Phones for Disaster Management Communication</li> <li>▪ Dedicated disaster management phone-lines to be provided to the newly created districts of districts in District Emergency Operation Centre (DEOC) by 2018</li> </ul>   |
| <p>6. Develop a network of universities to work on disaster issues</p>                          | <p><b>Action taken:</b></p> <ul style="list-style-type: none"> <li>▪ ASDMA is closely working with Knowledge Institutes like, IIT Guwahati, Assam Engineering College, North Eastern Institute of Science &amp; Technology, NIT Silchar, Assam Engineering Institute, Guwahati, Tezpur University, ISR Gandhinagar etc.</li> <li>▪ ASDMA has regular intake of students for internships (month long) from institutes viz. TISS, Tezpur University, Earth Institute, Columbia University, Puducherry University, etc.</li> </ul>   | <ul style="list-style-type: none"> <li>▪ ASDMA will coordinate &amp; host research works / studies of Knowledge Institutes in ASDMA's Knowledge Management Portal</li> <li>▪ MoU with Knowledge Institutes / Universities for capacity building, DRR study on various issues, etc. by April, 2018</li> <li>▪ Centre of Excellence for Earthquake Risk Mitigation at Assam Engineering College, Guwahati</li> <li>▪ Centre of Excellence for Mason's Training at Assam Engineering Institute, Guwahati</li> <li>▪ Annual intake of total 25 students for Internship from various Institutes / Universities</li> <li>▪ Five Sensitization lectures on Disaster Management Activities of Knowledge Institutes / Universities across the State in coordination with DDMA's by 2018</li> </ul> |
| <p>7. Utilise the opportunities provided by social media and mobile technologies</p>            | <p><b>Action taken:</b></p> <p>Using WhatsApp groups, Facebook Page, SMS system, Knowledge Management Portal to interact and disseminate information to community on various aspects of Disaster Management including DO'S and DON'T'S of various hazards.</p>  | <ul style="list-style-type: none"> <li>▪ Upgrade the 'Disaster Management Ready App' by 2018</li> <li>▪ Community learning Programme through radio in three districts of Assam by 2018</li> <li>▪ Awareness through digital media for increasing the reach to larger spectrum of people through Facebook, YouTube by creating channels, pages, etc. by 2018</li> </ul>  |
| <p>8. Build local capacity and initiative</p>   | <p><b>Action taken:</b></p> <p><b>TRAINING &amp; CAPACITY BUILDING ACTIVITIES conducted so far:</b></p> <ul style="list-style-type: none"> <li>▪ Hospital Preparedness and Mass Casualty Management training</li> <li>▪ Community Based Disaster Preparedness (CBDP) training</li> </ul>  | <ul style="list-style-type: none"> <li>▪ Volunteers' Training on Search &amp; Rescue</li> <li>▪ Mason's Training for Safe Construction Practices</li> <li>▪ Aapdamitra Training for local volunteers training under Centrally Sponsored Project</li> <li>▪ Training for People with Disability (PWD) and Senior Citizen</li> </ul>  |

|   |  |   |
|---|--|---|
|   | <ul style="list-style-type: none"> <li>▪ Earth Quake Resistance Technology training for Engineers</li> <li>▪ Earth Quake Resistance Technology training for Masons</li> <li>▪ Public Health in Emergencies training</li> <li>▪ Training of Teachers on School Safety including DM plans and conduct Mock Drills</li> <li>▪ Rapid Visual Screening training</li> <li>▪ Role of PRIs/ULBs in DM (Mainstreaming DRR in Development Panning</li> <li>▪ Village Defence Personnel (VDP) training</li> <li>▪ Application of GIS Mapping of utilities training</li> <li>▪ Search &amp; Rescue training</li> <li>▪ Protecting Children in Emergencies training</li> <li>▪ Various training for Stakeholders in Districts</li> <li>▪ Training of Departmental Officials of 16 department on Preparation of DM Plans</li> <li>▪ Village Land Management and Conservation Committee (VLMCC) Training</li> </ul> | <p>in collaboration with Social Welfare Training at various Level viz. schools, colleges, etc.</p> <ul style="list-style-type: none"> <li>▪ Build the capacities of Civil Society organizations and community based institutions</li> <li>▪ Sensitization workshop and mock drill for People with Disability (PWD) with care givers in coordination with DDMA's by March 2018</li> <li>▪ Project on Landslide Risk Mitigation Activities by Community Participation by April, 2018</li> </ul> |
| <p>9. Opportunity to learn from a disaster must not be wasted. After every disaster there are papers on lessons that are rarely applied</p> | <ul style="list-style-type: none"> <li>▪ Analysis of Flood Early Warning System (FLEWS) Alerts are done every year for planning for better response</li> <li>▪ Assessment of Embankment breaches pre and post flood scenario in coordination with Water Resources Department</li> <li>▪ Flood Reporting during the flood season</li> </ul>   | <ul style="list-style-type: none"> <li>▪ Documentation of Best Practices by ASDMA</li> <li>▪ Documentation of Relief Camp Management</li> <li>▪ Lessons learnt workshop with all stakeholders proposed to discuss and document the flood response.</li> <li>▪ Exposure visits to Odisha (For Phailin Cyclone) and Chennai (For Urban Flood) for learning best practices</li> </ul>  |
| <p>10. Bring about greater cohesion in international response to disasters</p>  | <p><b>Action taken:</b></p> <ul style="list-style-type: none"> <li>▪ Incident Response System (IRS) adopted as a preferred system of responding to disasters in Assam.</li> <li>▪ Incident Response Teams notified at State and District Level.</li> <li>▪ Training of Trainers conducted on Incident Response System (IRS) in 10 districts of Assam.</li> <li>▪ Mega Mock Drills and Guwahati Emergency Management Exercises were conducted with International Experts from UNICEF, etc.</li> </ul>   | <ul style="list-style-type: none"> <li>▪ Sensitization and Training will be conducted for the Incident Response Team members of State and District in 2018.</li> </ul>  |

### ASDMA draft guidelines for sponsoring various events

1. Sponsorships in events and Souvenirs should be aimed to generate awareness for Disaster Management
2. The Sponsorships amount and the activity should be approved by the CEO, ASDMA
3. **For Sponsorships in Souvenir**
  - 3.1. For any Advertisement in Souvenir the amount of Sponsorships should be limited to Rs. 20000/- (including all taxes) for any National level Organisation/Institution
  - 3.2. For any Advertisement in Souvenir the amount of Sponsorships should be limited to Rs. 15000/- (including all taxes) for any State level Organisation/Institution
  - 3.3. Advertisements in Souvenirs would be given to those Organisations and Institutions who work and are associated with in the field of Disaster Management
  - 3.4. Advertisements would be given to those Souvenirs which is widely circulated (minimum 2000 copies) and certified evidence of printing order copy countersigned by the printing house has to be submitted with the proposal.
  - 3.5. The subject matter of advertisement should be on safety message on various hazards
  - 3.6. The Advertisement should be a full page coloured one
4. **For Events**
  - 4.1. The events may include workshops, seminars, observation/celebration of specific important days or any similar event.
  - 4.2. Sponsorship for events would be given to those Organisations and Institutions who work in the field of Disaster management or any related domain
  - 4.3. For any event which is of National or International level the amount of Sponsorship should be limited to Rs. 50,000/-
  - 4.4. For any event which is of State level the amount of Sponsorship should be limited to Rs. 30,000/- which is specified below
    - 4.4.1. The amount of Sponsorship should be based on the deliverable/ benefits / visibility of ASDMA to be received in lieu of the sponsorship
    - 4.4.2. If the benefit received on behalf sponsorship is only a mention in the marketing collaterals than the amount of sponsorship should be limited to Rs. 20,000/- as approved by CEO, ASDMA
    - 4.4.3. If the benefit received for sponsorship is conducting activity or special event related to Disaster Management, besides a mention in the marketing collaterals, then amount of Sponsorship would be limited to Rs. 50,000/-
    - 4.4.4. In case the amount requested is less than Rs. 30,000/- then the CEO, ASDMA may decide on the amount to be sponsored.
5. In case the Organisation or Institution fails to carry of the Sponsorship activity for any reason thereof, then ASDMA will not pay any amount to the Organisation or Institution and may perhaps refrain for any sponsorship to that particular Organisation/Institute in Future
6. The amount of Sponsorships would be paid only after the submission of bills along with:
  - 6.1. Two copies of the Souvenir with Advertisement and a declaration duly countersigned by the printing house stating the number of copies printed.
  - 6.2. The report, photographs/ videographs and newspaper clips of the event