

No: Coord-14/8/2021-O/o US (NLCPR)
Government of India
Ministry of Development of North Eastern Region

East Block-10, Level-IV,
R.K. Puram, New Delhi- 110066.

Dated the 9th June, 2021

OFFICE MEMORANDUM

Subject: Minutes of the 28th meeting of Inter-Ministerial Committee (IMC)/NESIDS Committee held on 02.06.2021 at 03:00 p.m. in Vigyan Bhawan Annexe, New Delhi under the Chairmanship of Secretary, Ministry of DoNER.

The undersigned is directed to forward herewith minutes of the 28th Inter-Ministerial Committee (IMC)/NESIDS Committee meeting held on 02.06.2021 at 03:00 p.m. in Vigyan Bhawan Annexe, New Delhi under the Chairmanship of Secretary, Ministry of DoNER, for information and necessary action. The minutes of the meeting/proposals contained therein have been duly approved by the Hon'ble Minister of State (Independent Charge), Ministry of Development of North Eastern Region.


(N.K. Saha)

Under Secretary to the Govt. of India
Email id: nitai.kumar@nic.in

Encl. As above.

To

- i. Chief Executive Officer, NITI Aayog, Yojana Bhawan, Sansad Marg, New Delhi-110001.
- ii. Secretary (Home), Ministry of Home Affairs, North Block, New Delhi-110001.
- iii. Secretary (Expenditure), Department of Expenditure, Ministry of Finance, North Block, New Delhi-110001.
- iv. Foreign Secretary, Ministry of External Affairs, South Block, New Delhi-110011.
- v. Secretary, Ministry of Health & Family Welfare, Nirman Bhawan, New Delhi-110011.
- vi. Joint Secretary & Financial Adviser, Ministry of DoNER.
- vii. Joint Secretary (NLCPR/NESIDS), Ministry of DoNER

Copy to:-

Chief Secretaries of Assam, Manipur, Meghalaya, Mizoram, Sikkim and Tripura States-
For necessary action.

Copy also to:-

- i. OSD to Hon'ble Minister of State (I/C), MDoNER.
- ii. PPS to Secretary, MDoNER.
- iii. Director(RC)/DS(SDM)/DS(IFD), MDoNER
- iv. Superintending Engineer (TW), MDoNER.
- v. Sr. Technical Director (NIC), MDoNER.
- vi. Web Manager, MDoNER.

Minutes of the 28th meeting of Inter-Ministerial Committee (IMC)/NESIDS Committee held on 02.06.2021 at 03:00 p.m. in Vigyan Bhawan Annexe, New Delhi under the Chairmanship of Secretary, Ministry of DoNER.

1. The 28th meeting of Inter-Ministerial Committee (IMC)/NESIDS Committee was held on 02.06.2021 at 03:00 p.m. to discuss project proposals received from State Government of Assam, Manipur, Meghalaya, Mizoram, Sikkim and Tripura for consideration for Selection/Sanction under NESIDS. Chief Secretaries of the concerned States co-chaired the meeting through VC. List of participants is at **Annexure I**.

2. At the outset, Secretary, MDoNER welcomed Chief Secretaries, members of IMC/NESIDS Committee, representatives of State Governments and line Ministries of the Government of India and asked the Programme Division, MDoNER to start the proceedings.

3. In the beginning, the committee was apprised of the following:

3.1 In today's meeting, there are 17 proposals under consideration for selection/sanction, as per details given in the circulated agenda notes. All the proposals are in the health infrastructure sector and most of these pertain to the effective handling of the COVID-19 pandemic, which has affected NE states like other parts of the country. Hence, these proposals need to be considered on priority in a timebound fashion.

3.2 IFD, MDoNER has given certain general observations/comments on these proposals, which were read verbatim before the Committee. A copy of IFD's observations/comments is at **Annexure-II**. M/o Health and Family Welfare (MoHFW) have sent their comments in respect of 10 proposals out of 17, and comments in respect of remaining proposals are awaited. Comments from NITI Aayog are awaited in respect of all the proposals. Where ever comments were required from the Technical Wing of MDoNER, these have been received.

3.3 Committee was briefed on the latest COVID-19 situation in North Eastern States and was informed that due to the upsurge of pandemic in the NE States, it may be prudent to process these COVID/health related project proposals on priority basis, as these project proposals are related to Health infrastructure and may play a crucial role in combating the pandemic.

3.4 In response to IFD's observations, the Committee was informed that:

(a) Approval of the competent authority for continuation of schemes during 15th FC period, including current FY 2021-22 is pending. EFC Memorandum for enhanced allocation for Rs.17500 crore for NESIDS and Rs.2550 crore for HADP for 5 years

period (Rs.1500 crore for NESIDS and Rs.300 crore for HADP for current FY 2021-22) has already been circulated. It requires EFC appraisal and Cabinet approval. EFC appraisal is pending primarily for want of 3rd party evaluation report, which has been delayed due to prevalent COVID-19 pandemic situation. Even if report is received now, say within June 2021, the process for final approval by the Cabinet will take time. Foreseeing this inevitable delay, matter has already been taken up with D/o Expenditure on 10.5.2021 for interim approval for continuation of schemes upto 30th September 2021 with adhoc outlay as per DOE's suggestive norms to enable MDoNER to sanction certain important projects of NE States especially in health sector for effectively dealing with COVID 19 pandemic. No response received from DoE yet. However, it is expected that approval of DoE for such an interim approval upto September 2021 will come shortly.

(b) Sanction of projects under NESIDS is a long drawn process involving receipt of proposals from States, its scrutiny, inter-ministerial consultation, including with IFD and Technical Wing, appraisal by NESIDS Committee, and giving its recommendation in two stages, for selection and sanction, preparation of DPRs, its technical scrutiny by institutes of repute, technical appraisal by SLEC chaired by CS, approval by competent authority (Minister, MDoNER), submission of requisite documents by States, concurrence of proposal by IFD, vetting of AFS by IFD, release of token amount of Rs.10 lakh etc. Then it entails a long drawn process of execution, starting with calling of tenders, issuance of work order, field execution etc. often leading to time overruns, coupled with cost overruns, in some cases time overruns being very long. When NESID scheme was approved by the Cabinet on 15.12.2017 for the 3 years period 2017-18 to 2019-20, it took 15 to 27 months period for sanction of many projects.

(c) Hence, it is highly essential that effective steps are taken to avoid delays at sanction stage as well as execution stage. For avoiding delays at sanction stage, it is essential and highly desirable that parallel steps are taken for processing of cases to bring them to the stage of sanction and simultaneously obtain approval of competent authority for continuation of the scheme. AFS/ formal sanctions for such projects will be issued only on or after receipt of approval of competent authority for the continuation of schemes. There is nothing which stops processing of cases for various stages stated above to bring them to the stage of sanction so that requisite sanctions get issued as soon as approval of competent authority for continuation of the schemes is received. In fact, such a step leading to avoidance/ reduction of delays and reducing the time to sanction projects is highly desirable. Hence, it is felt that observations of IFD that "no new project may be undertaken and the related proposal processed for selection and sanction of any new project till the NESID scheme is approved i.e. no new project should be considered for selection and approval in anticipation of the approval for continuation of the existing scheme/approval of new

scheme by the Competent Authority", if accepted, will lead to unwanted delays, which cannot be allowed especially while considering health/ COVID related projects. Effective handling of pandemic to save lives requires time bound actions and approvals.

(d) On the issue of considering the proposals in a single stage process combining selection and sanction stage in partial relaxation of scheme's guidelines as was done for six COVID related projects last year, which really helped the NE states to effectively handle and control the 2nd wave of COVID-19, Committee was told that a distinction may be made for (a) COVID related projects which requires time bound implementation in field (b) Other health projects. For the first category of projects, it is highly essential that these are processed, sanctioned and implemented in time so that no. of positive COVID cases can be controlled and more and more lives can be saved. Hence, processing these cases in a single meeting of NESIDS Committee for both selection and sanction stages, as suggested by the PD in the agenda notes, is desirable and justified. However, for other health related projects, which requires civil works in terms of construction of hospital buildings etc and has a timeframe of 2 to 3 years for completion, single meeting processing for selection and sanction may not be necessary and these can follow the normal procedure.

(e) Regarding IFD's observations on delay in execution of COVID related proposals sanctioned last year, the Committee was informed by the PD, MDoNER as well as by all the State CSs/ representatives that a lot of work has been done on these projects, and most of these projects are near completion. Non-receipt of claims for 2nd instalment or non-submission of UCs etc may not be the correct criteria to judge the actual implementation status of these projects on ground, as often due to many reasons, certain activities like actual release of funds to the suppliers/contractors and consequent submission of claims for next instalments/ UCs etc get delays. All the States promised to send the actual latest implementation status of these projects to MDoNER within one week. All the states also expressed happiness and satisfaction with MDoNER having sanctioned such projects last year, which proved to be very useful to the NE states in effective handling of the COVID-19 pandemic, including the current more virulent 2nd wave, and requested for timely sanction of all the new COVID/health related projects in a time bound fashion, in a single stage of sanction and selection, as was done last year, so that pandemic can be handled more effectively in future also.

3.5 Committee deliberated on all the above issues in detail and after hearing all the members of the committee and other representatives of the state present, and having no further observations from any member of the committee, agreed with the view that it is highly essential that effective steps are taken to avoid delays at sanction stage as well as execution stage. For avoiding delays at sanction stage, it is essential and highly

desirable that parallel steps are taken for processing of cases to bring them to the stage of sanction and simultaneously obtaining approval of competent authority for continuation of the scheme. AFS/ formal sanctions for such projects should be issued only on or after receipt of approval of the competent authority for the continuation of schemes/interim approval till September, 2021 as sought for. **Hence, the Committee decided to proceed with the process of selection and sanction of projects placed before the committee as per circulated agenda notes, on merits, as per the existing scheme guidelines.**

3.6 However, Committee was of the view that even if Committee recommends COVID related projects for both selection and sanction in a single meeting and the competent authority approves the same, it will not be possible to issue the AFS till the approval of DoE for continuation of scheme during current FY 2021-22/ adhoc approval for continuance till September 2022 is received. **Hence, it was decided to consider all the projects in two stages viz selection and sanction in separate meeting of the NESIDS Committee, as per the normal procedure in the scheme guidelines.** However, for those COVID/Health related projects, which get recommendation for selection in today meeting, the NE States may complete the process of preparation of DPRs and its technical evaluation, which may be done by a health expert group (instead of any institute as mentioned in the guidelines), which may be chaired by State Health Secretary, having health experts and other members/ officials of the SG, as decided by the CS, representative of MoHFW, and do the technical appraisal/recommendation of SLEC chaired by CSs as per the procedure laid down in the guidelines. The states were advised that DPRs of the proposals should be prepared in due consultation with MoHFW. Non-duplication, i.e. funding of the same projects/items, whether from any central ministry/department/agency or states' own resources of even from NGOs/private agencies/donations etc, should be categorically certified. Further, the states must ensure optimum utilization of resources sanctioned for COVID/health related projects, putting in place effective supervision and monitoring mechanisms and controls for ensuring that there is no mis-utilisation or diversion of such resources at any cost. **States may complete the entire process and send the proposal for sanction within a period of two weeks for COVID related projects and four to six weeks for other health projects.** These projects would be placed in the next NESIDS Committee meeting, for sanction, which will be called in the third week of June at a short notice. The expert group while preparing the DPR/doing technical evaluation/ giving its recommendation should ensure that reasonableness/ need/ justification of various items in the concept note/DPR to be prepared, its quantities, technical specification, details of gap analysis; availability of human resource for operating the equipment; etc urgency for its processing, reasonableness of estimated cost and such other related aspects are duly reflected. It is expected that by the time process for sanction of COVID related projects

is completed i.e. before June, 2021 end, interim approval of DoE for continuation upto 30th September 2021, as requested, would be received.

3.7 States were also advised to take timely action on following:

- (i) Implementation of EAT Module of PFMS and regular updation of financial data of all the implementing agencies on the PFMS portal.
- (ii) Submission of shelf of projects under NESIDS & HADP to strengthen/justify the demand for higher allocations under these schemes i.e. Rs.17500 crore under NESIDS and Rs.2550 crore under HADP included in the EFC proposal for the 15th Finance Commission period (2021-22 to 2025-26).
- (iii) Implementation of projects and timely submission of Utilization Certificates/Completion Certificates and other requisite documents in respect of ongoing projects under various schemes of MDoNER.
- (iv) Timely submission of work orders in respect of projects sanctioned under NESIDS in which only token amount of Rs.10 lakh has been released so far and balance of 1st installment is pending for release.
- (v) Timely submission of documents in respect of ongoing projects/projects identified for sanction and releases under Special Development Packages of Assam (BTC; KAATC & DHATC).
- (vi) Timely submission of project proposals under new BTC package [w.r.t MoS signed by Government of India, Government of Assam and Bodo Groups (ABSU and NDFB) on 27.01.2020)].

4. Thereafter, the Committee took up all the project proposals one by one, for detailed discussion on merits, and made recommendations as detailed below:

Assam

5. Procurement of Ventilators (New born to Paediatric) and Oxygen Concentrators (10 LMP) for combating COVID-19 disease in paediatric age group

5.1 The Additional Chief Secretary, Assam, representing the Chief Secretary, alongwith officials of State Government, participated in the meeting through Video Conferencing (VC). Taking view of increase in COVID-19 cases in the State and preparedness for third wave of pandemic, they explained the need of the project which is primarily for addressing the needs of paediatric age group.

5.2 Copy of final checklist-cum-agenda notes, as circulated/placed before the committee, alongwith its all enclosures, are at **Annexure III**.

5.3 After detailed discussion, the Committee recommended that the State Government should suitably address and incorporate the suggestions/observations of Ministry of Health & Family Welfare and NITI Aayog at the time of DPR preparation. Accordingly, the Committee recommended the project 'Procurement of Ventilators (New born to Paediatric) and Oxygen Concentrators (10 LMP) for combating COVID-19 disease in paediatric age group' for selection at the estimated cost of Rs.34.99 crore under NESIDS.

Manipur

6. Eight (08) projects for Strengthening health infrastructure in the State of Manipur

6.1 The Chief Secretary, Manipur, alongwith officials of State Government, participated in the meeting through Video Conferencing (VC). They explained in detail the important aspects of the following project proposals:

S. No.	Project proposal	Estimated cost (Rs. in crore)
1	Setting up/installation of Liquid medical Oxygen Tank and Vaporizer at JNIMS, Imphal East	3.00
2	(i) Procurement of 2000 Nos. Oxygen Concentrators and (ii) Procurement of Oxygen Cylinder - D/B type	29.60
3	Strengthening of Supervisory Vehicles for monitoring visit of the entire State of Manipur	4.18
4	Strengthening for Covid-19 testing in Manipur.	27.94
5	Procurement of 17 ALS ambulances.	4.25
6	Infrastructure Development of Maternity & Child Hospital, Imphal East.	40.00
7	Establishment of Trauma Care Centre at CHC Nungba, Noney District.	4.00
8	Establishment of Blood Bank at CHC Nungba, Noney District.	2.50
	Total (08 projects)	115.47

6.2 The Committee noted that Ministry of Health and Family Welfare (MoHFW) had already recommended the proposals at S.No.'s 1, 2 and 5 in the above list, while no specific comments/objections had been put forward for projects at S.No's 3 and 4. The MoHFW had also raised certain issues in respect of projects at S.No.'s 6, 7 and 8,

due to which they had not recommended these proposals at this stage. After detailed deliberations, the Committee was of the view that the project proposals prima facie appear to be in line with NESIDS guidelines, and would also help the State Government in upgrading their health infrastructure as well as in their fight against Covid. However, it was decided by the Committee that the concerns of MoHFW need to be necessarily addressed by the State Government during preparation of the DPR, and they must be taken on board for the proposals, before being brought before the IMC/NESIDS Committee for the sanction stage.

6.3 Copy of final checklist-cum-agenda notes, as circulated/placed before the committee, alongwith its all enclosures, are at **Annexure IVA to IVH**.

6.4 After detailed discussion, the Committee recommended that the State Government should suitably address and incorporate the suggestions/observations of Ministry of Health & Family Welfare at the time of DPR preparation. Accordingly, the Committee recommended the above 08 project proposals for selection at estimated cost of Rs. 115.47 crore under NESIDS.

Meghalaya

7. Procurement of Advance Life Support (ALS) Ambulances with equipment

7.1 The Chief Secretary, Meghalaya, alongwith officials of State Government, participated in the meeting through Video Conferencing (VC). They explained in detail the important aspects of the project proposal and underlined the importance of the project. It was explained that that the State of Meghalaya has not even a single ALS ambulance and in the pandemic COVID-19 situation these are of urgent need.

7.2 Representative of Ministry of Health & Family Welfare observed that the State has proposed ambulance and procurement of equipment (ventilators, AEB etc.) for the ambulance separately. He suggested that ALS ambulance fitted with all the equipment may be procured by the State Government.

7.3 Copy of final checklist-cum-agenda notes, as circulated/placed before the committee, alongwith its all enclosures, are at **Annexure V**.

7.4 After detailed discussions, the Committee that recommended the State Government should consider the suggestions/observations of Ministry of Health & Family Welfare at the time of DPR preparation. Accordingly, the Committee recommended the project 'Procurement of Advance Life Support (ALS) Ambulances with equipment for selection at the estimated cost of Rs.5.15 crore under NESIDS.

Mizoram

8. Five (05) projects for Strengthening health infrastructure in the State of Mizoram.

8.1 The Chief Secretary, Mizoram, alongwith officials of State Government, participated in the meeting through Video Conferencing (VC). They explained in detail the important aspects of the following project proposals:

S. No.	Project proposal	Estimated cost (Rs. in crore)
1	Construction of 100 Bedded District Hospital and Procurement of Hospital Equipment.	22.67
2	Construction of State Resource Centre for HIV/ AIDS at Aizawl, Mizoram.	4.00
3	(i) Purchase of 2(Two) Truenat Quattro Machines in Mizoram to Combat Pandemic Covid-19 (For Lawngtlai & Serchhip District; and (ii) Purchase of screening & confirmatory Chip for Truenat Quattro installed in District Headquarters to last approximately six months.	3.33
4	Renovation/Upgradation of NICU/PICU and HDU at Zoram Medical College, Falkawn, Mizoram for combating Covid-19.	3.47
5	Purchase of RT-PCR reagents & RNA extraction kits to last for approximately six months for Zoram Medical College, Falkawn, Mizoram in combating Covid-19.	2.57
	Total (05 projects)	36.04

8.2 It was noted by the Committee that the proposal at S.No 1 in the above table had been recommended by the MoHFW. No comments had been received as yet from MoHFW for proposals at S.No's 3, 4, and 5, as these had been received very recently from the State Government. As regards the proposal at S.No. 2, the project had not been recommended by the MoHFW, on the grounds that a State Resource Center for HIV/ AIDS at State level was not a recommended activity under the National AIDS Control Programme (NACO). However, the Chief Secretary, Mizoram, reiterated that Mizoram had a serious HIV/ AIDS problem, and such a Center would go a long way in alleviating this problem. The Committee also noted that there was no specific ban on creating such a Center, as long as it was not being funded under NACO.

8.3 Copy of final checklist-cum-agenda notes, as circulated/placed before the committee, alongwith its all enclosures, are at **Annexure VIA to VIE**.

8.4 After detailed discussion, the Committee recommended that the State Government should consider the suggestions/observations of Ministry of Health & Family Welfare at the time of DPR preparation. Accordingly, the Committee recommended the above 05 project proposals for selection at estimated cost of Rs.36.04 crore under NESIDS.

Sikkim

9. Procurement of equipment for strengthening of Bio-medical Waste Management (BMV) system & High Flow Oxygen System (HFNO) system.

9.1 The Chief Secretary of Sikkim, alongwith officials of State Government, participated in the meeting through Video Conferencing (VC) and explained in detail the important aspects of the project proposal. During deliberations, he underlined the importance of proper management and necessity of disposal of infectious or bio-hazardous waste for environment and front line workers especially the healthcare workers. This was especially in issue of concern during Covid times, for the medical waste being generated in Covid care hospitals and facilities.

9.2 Copy of final checklist-cum-agenda notes, as circulated/placed before the committee, alongwith its all enclosures, are at **Annexure VII**.

9.3 After detailed discussion, the Committee recommended that the State Government should consider the suggestions/observations of Ministry of Health & Family Welfare at the time of DPR preparation. Accordingly, the Committee recommended the project 'Procurement of equipment for strengthening of Bio-medical Waste Management (BMV) system & High Flow Oxygen System (HFNO) system' for selection at estimated cost of Rs. 5.33 crore under NESIDS.

Tripura

10. Improvement of Medical Infrastructure in Tripura.

10.1 The Chief Secretary (i/c) participated in the meeting through Video Conferencing (VC) and explained in detail the important aspects of the project proposal and underlined the importance of the project. The committee was apprised that the project proposal has two components viz. COVID component (Arrangement of Medical Gas (Oxygen-O₂) Plant, Pipeline with manifold system, logistics (Test Kits & Drugs) & Upgradation of health Sub-Centre (as hub of Testing/vaccination site at village level) and Non-COVID component (Infrastructure Development through setting up of Advance Diagnostic Laboratory, Cardiac Care Unit, Surgery unit, Dental

chair followed by Blood Transfusion mechanism for strengthening of Health care service Delivery at Secondary and Tertiary care facilities). During deliberations representative of the State Government indicated that the Rabies Vaccine component of the proposal was inadvertently included in the COVID component of the proposal and that it should actually be shifted to Non-COVID component of the proposal. This would alter the cost of the two component to Rs.30.50 crore for COVID components and Rs.26.88 crore for Non-COVID components.

10.2 It was decided by the Committee that these should be treated as two separate proposals, of cost 30.50 crore and Rs 26.88 crore for COVID and Non-COVID components, respectively.

10.3 Copy of final checklist-cum-agenda notes, as circulated/placed before the committee, alongwith its all enclosures, are at **Annexure VIII**.

10.4 After detailed discussion, the Committee considered this proposal as two separate independent project proposals by bifurcating the COVID-19 and Non-COVID-19 components. Further, the Committee recommended that the State Government should consider the suggestions/observations of Ministry of Health & Family Welfare at the time of DPR preparation. Accordingly, the Committee recommended the projects (i) Arrangement of Medical Gas (Oxygen-O₂) Plant, Pipeline with manifold system, logistics (Test Kits & Drugs) & Upgradation of health Sub-Centre (as hub of Testing/vaccination site at village level) at an estimated cost of Rs.30.50 crore (COVID component) and (ii) Infrastructure Development through setting up of Advance Diagnostic Laboratory, Cardiac Care Unit, Surgery unit, Dental chair followed by Blood Transfusion mechanism for strengthening of Health care service Delivery at Secondary and Tertiary care facilities) at an estimated cost of Rs. 26.88 crore (Non-COVID component) for selection under NESIDS.

11. Meeting ended with a vote of thanks to the chair.

List of Participants

Sl. No.	Organization	Officers attended
1.	Members of Inter Ministerial Committee/NESIDS Committee/their representatives	Dr. Inder Jit Singh, Secretary, M/o DoNER (in chair)
		Shri Syedain Abbasi, Additional Chief Secretary, Government of Assam (co-chair), on VC
		Dr. Rajesh Kumar, Chief Secretary, Government of Manipur (co-chair), on VC
		Shri M.S. Rao, Chief Secretary Government of Meghalaya (co-chair), on VC
		Shri Lalnunmawia Chuaungo, Chief Secretary, Government of Mizoram (co-chair), on VC
		Shri S.C. Gupta, Chief Secretary, Government of Sikkim (co-chair), on VC
		Shri Sriram Taranikanti, Chief Secretary, (I/c) Government of Tripura (co-chair), on VC
		Shri C. Rajasekhar, OSD, Ministry of External Affairs, on VC
		Shri Naveen Kumar, Economic Officer (NE States Division), NITI Aayog on VC
		Shri Krishna Mohan Uppu, Deputy Secretary (NE) Ministry of Home Affairs, on VC
		Shri Saurabh Endley, JS, M/o DoNER
		Shri S.S. Dubey, JS & FA, M/o DoNER
2.	Other Special Invitees from Line Ministries	Ms. Gayatri Mishra, Joint Secretary, Ministry of Health & Family Welfare, on VC
		Shri Elangbam Robert Singh, Director, Ministry of Health & Family Welfare, on VC
		Dr. Himanshu Bhushan, NHSRC, Ministry of Health & Family Welfare, on VC

		Smt.Varinder Kaur Bhalla, Under Secretary, Ministry of Health & Family Welfare, GoI, on VC
3.	Government of Assam	Dr. Siddharth Singh, Commissioner & Secretary (Health & Family Welfare), on VC
		Dr. K.K. Nath, Commissioner & Secretary (T & D), on VC
		Smt. Indrani Laskar, Joint Secretary (Health & Family Welfare), on VC
4.	Government of Manipur	Dr. Yumnam Suraj Singh, Deputy Secretary (Health), on VC
5.	Government of Meghalaya	Smt. M.N. Nampui, Commissioner & Secretary (Health & Family Welfare), on VC
		Shri C.V.D. Diengdoh, Secretary (Planning), on VC
		Shri R. Lyngdoh, OSD & ex-officio Secretary (Planning), on VC
6.	Government of Mizoram	Shri R.Lalramnghaka, Secretary (Health & Family Welfare), on VC
		Shri Lalmalsawma Pachuau, Secretary (Planning & Programme Implementation), on VC
		Dr. John Zohmingthanga, Director, Zoram Medical College, on VC
		Dr. Lalthlengliani, Project Director, MSACS, on VC
		Dr. Zonunsiam, State Nodal officer, Hospital & Medical Education, on VC
		Dr. C. Vankhuma, OSD, Zoram Medical College, on VC
7.	Government of Sikkim	Shri V.B. Pathak, Secretary-cum-Development Commissioner, on VC
		Dr. Pempa Bhutia, Secretary (Health), on VC
8.	Government of Tripura	Shri A. Roy, Secretary, Planning/ Finance Department, on VC

		Dr. Siddharth Shiv Jaiswal, Mission Director, National Health Mission Tripura, on VC
9.	Ministry of DoNER, GoI	Shri S. D. Meena, Deputy Secretary
		Shri Dibyojit Dutta, Sr. Technical Director (NIC)
		Shri G.S. Maheshwal, SE, TW
		Shri Purushottam Verma, DS (IFD)
		Shri A.K. Pandey, Under Secretary
		Shri N.K. Saha, Under Secretary
		Ms. Kusum Singh, Senior Statistical Officer
		Shri Mahesh Chander, Assistant Section Officer
		Ms. Shimpy, Assistant Section Officer
		Shri Viveka Nand, Senior Secretariat Assistant

**No. G-20011/26/2020-IFD and BDG Sec
Government of India
Ministry of Development of North Eastern Region**

**Vigyan Bhawan Annexe,
Maulana Azad Road, New Delhi.
Dated the 01st June, 2021**

OFFICE MEMORANDUM

Subject: Comments of IFD on the 23 project proposals under NESIDS scheme.

The undersigned is directed to refer to the proposals of various States such as Mizoram, Manipur, Meghalaya and Tripura under NESID Scheme forwarded for seeking comments for consideration in the coming 28th IMC/NESIDS Committee Meeting to be held on 2nd June, 2021.

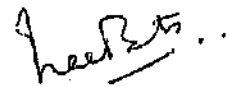
2. It is noticed that Programme Division has proposed all the health infrastructure proposals to be considered in a single stage process combining selection and sanction stage in partial relaxation of Scheme guidelines. In this regard, the attention of Programme Division may be brought into the notice that the projects from five States regarding up-gradation of health infrastructure to fight against COVID were sanctioned in single stage last year; the duration of the project was six months. But, till date, none of the States has requested for release of 2nd installment in respect of the projects sanctioned during previous year. This means that the projects sanctioned under special emergency provision for tackling COVID have not been completed in time i.e. within the stipulated duration of 6 months being the basis of approval and as per specific condition of related sanction issued. Programme Division is therefore requested to review the status of all such projects and furnish to the IFD the updated status of these projects alongwith financial and physical progress, particularly with reference to specific physical deliverables which were to be completed alongwith reasons of delay, wherever applicable.

3. Regarding the 23 project proposals under NESID scheme to be considered in the forthcoming 28th IMC meeting for selection and approval, it is submitted that the EFC of the NESIDS scheme is yet to be completed and the new scheme is therefore yet to be approved by the Competent Authority. Hence, IFD is of the view that no new project may be undertaken and the related proposal processed for selection and sanction for any new project till the NESID scheme is approved i.e. no new project should be considered for selection and approval in anticipation of the approval for continuation of the existing scheme/ approval of new scheme by the Competent

Authority. IFD, therefore, does not support for selection and approval of the 23 proposals proposed by Programme Division under NESIDS scheme.

4. However if there are some urgent proposals in view of Covid epidemic requiring immediate intervention, then specific approval/waiver may be obtained from Ministry of Finance before the same is considered for selection and approval by IMC/NESIDS Committee.

5. This Issues with the approval of JS & FA.


(Neetu Banati)
Section Officer,
IFD, MDoNER

To

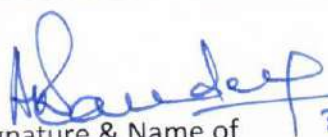
Shri N.K.Saha,
Under Secretary,
NESIDS Division,
M/o DoNER.

<p align="center">28th meeting of IMC/NESIDS Committee Committee scheduled on 02.06.2021 (v as applicable/delete not applicable)</p>		
<p align="center">I. CHECKLIST-CUM-AGENDA NOTE FOR SELECTION/SANCTION OF PROJECTS (to be submitted by Programme Division, MDoNER)</p>		
Agenda Item No.:		State: Assam
<p>Name of Project: Procurement of Ventilators (Newborn to Paediatric) and Oxygen Concentrators (10 LMP) for combating COVID-19 disease in Paediatric age group.</p>		
<p>Project Description/Summary (not exceeding 200 words): The 3rd wave of CoVID 19 is likely to hit the country including Assam. This proposal has been submitted for preparedness of the state accordingly to combat the surge especially in paediatric population as it is anticipated that 3rd wave may affect this group largely.</p>		
Stage 1: Selection/ Sanction of the Project		
1	General Information	
1.1	Estimated Cost (as per concept note/Proposal) (Final/revised, which is under consideration)	Rs.3498.50 lakh
1.2	Whether lying in backward areas	Not mentioned
1.3	Sector: (Physical infrastructure relating to _____ (Water supply/Power/Connectivity - mention as applicable or creation of infrastrucrure in social sector in the areas of _____ (Primary/Secondary Sectors of Education/Health - mention as applicable)	Health
1.4	Project Linkages with Promotion of Tourism (not exceeding 100 words):	
	Tourism potential: No	

1.5	Whether independent /new project or part of any other project of any other Ministry/SG/Agency, whether proposed, sanctioned or ongoing	New project proposed under NESIDS though it is not mentioned whether it is part of any bigger project of other Ministry/SG/Agency.		
1.6	If the project involves O & M, staff components, post construction management, recurring expenses etc for its running/maintenance etc e.g.(e.g.running of a Hostal building), has the SG agreed to take care of these activities	NO. One time procurement demand		
1.7	Broad Breakup of Major Components of the project Cost as per concept note			
	Item of works	Qty	Approved rate inclusive of all taxes	Amount (in Rs.)
1	Mechanical Ventilator Model No: C1, Mfg. Hamilton Mecial AG, Switzerland	250	1148000	28,70,00,000
2	Oxygen Concentrator (10 LPM) Model No: NIDEK UNO 10	500	125700	6,28,50,000
	Grant Total			34,98,50,000
1.7A	Out of above, SG's Contribution in the Project Cost, if any		Nil	

1.7B	Out of above, Contribution from any other Ministry/Agency in the Project Cost, if any		No
1.8	Date of receipt of proposal/concept note from State Government (SG)		28.05.2021
1.9	Original		28.05.2021
1.10	Revised (if any)		
2	Is the project in question supported/coverable under any other scheme of Central or State Government		Not Available
3	Normative allocation of SG and related details		
4	List of line Ministries/IFD/Technical Wing/others to whom circulated for comments along with dates of circulation and date of receipt of comments, if any:		
	Name of line Ministry/IFD/Technical Wing/Others	Date of sending for comments	Date of receipt of comments (if any)
(a)	IFD, MDoNER	31.05.2021	No comments received till date
(b)	Technical Wing, MDoNER	31.05.2021	No comments received till date
(c)	Ministry of Health & Family Welfare	31.05.2021	No comments received till date
(d)	Niti Aayog	31.05.2021	No comments received till date
5	Whether proposal has been accompanied with the following documents		
	(a) Concept	Yes	
	(b) Abstract of cost/Broad break	Yes,	
	(c) Approval of	Yes.	

	(d) Any other (pl. specify)	Yes/No (relevant extract at page ____)
6	Comments of line Ministries/IFD/Technical Wing/Others in brief (attached as per Annexure-__)	
7	Important observations/comments of Prog. Division	
	<p>Assam state is gearing up its preparation for 3rd wave of CoVID 19 which may affect children. SG has sought financial assistance for the procurement of equipment having approved rates with DME Assam. In view the present situation of the Covid-19 pandemic, this project will enhance the overall health infrastructure in the State.</p> <p>After due scrutiny, the PD recommends the proposal for consideration in the IMC.</p>	


 (Dated Signature & Name of
Under Secretary concerned) 31.5.2021

GOVERNMENT OF ASSAM
TRANSFORMATION AND DEVELOPMENT DEPARTMENT
DISPUR, GUWAHATI

NO PDP(PP) 10/2021/12

Dated Dispur the 28th May/2021

From: Shri P.K. Talukdar, ACS
Secretary to the Govt. of Assam
Transformation and Development Department

To: Shri Saurabh Endley
Joint Secretary
Ministry of DoNER, Govt. of India
Vigyan Bhawan Annexe
Maulana Azad Road, New Delhi-110011

Sub: Submission of project proposal under NESIDS 2021-22

Ref: MdoNER's letter No. NESIDS/6/2019-o/o DIRa (NLCPR) dated 16/03/2021

Sir,

With reference to the subject quoted above, I am directed to forward here with the Concept Note of the new project proposal namely " Procurement of Ventilators (Newborn to Paediatric) and Oxygen Concentrators (10 LMP) for COVID-19 disease in Paediatric age group" amounting to Rs. 3498.50 lakh under NESIDS 2021-22 for favour of kind consideration and approval of the proposed project.

Encl: As stated above

Yours faithfully

(P.K. Talukdar)
Secretary

Transformation and Development Department
Dated Dispur the 28th may/2021

Memo NO PDP(PP) 10/2021/12 -A
Copy to

1. SO to the Chief Secretary ,Assam, Dispur , for kind in formation of the Chief Secretary
2. P.S. to the Additional Chief Secretary , Transformation and Development Department, Dispur for kind information to the Additional Chief Secretary
3. Shri Ravindra Chaudhury, Director, Ministry of DoNER, GoEast Block-10, Level-IV, R.K. Puram New Delhi- 110066 for information and necessary action.

Secretary

Transformation and Development Department

GOVERNMENT OF ASSAM
HEALTH & FAMILY WELFARE (B) DEPARTMENT
DISPUR, GUWAHATI-781006

No.HLB.99/2021/4

Dated Dispur, the 19th May, 2021

From : Anurag Goel, IAS
Principal Secretary to the Govt. of Assam,
Health & Family Welfare Deptt.

To : The Addl. Chief Secretary to the Govt of Assam,
Transformation & Development Department, Dispur

Sub : Procurement of Ventilators (Newborn to Paediatric) and oxygen Concentrators
(10 LPM) for COVID-19 disease in Paediatric age group.

Ref. : No.DME/TMCH/105/2021/12328 dated 19/05/2021 of DME, Assam.

Sir,

It is learnt that MoDoNER has come forward to help the Govt. of Assam to combat the surge of COVID-19 pandemic.

In this connection, a list of equipments viz, Mechanical Ventilators and Oxygen Concentrator (10 LPM) amounting to Rs.34,98,50,000/- is enclosed herewith for assistance from Ministry of DoNER.

It is requested to kindly take up with Ministry of DoNER for a financial assistance of Rs.34,98,50,000/- for procurement of Ventilators (Newborn to Paediatric) and oxygen Concentrators (10 LPM) for COVID-19 disease in Paediatric age group.

The copy of detailed proposal submitted by Director of Medical Education, Assam is attached.

Yours faithfully,

Principal Secretary to the Govt. of Assam,
Health & Family Welfare Department

Dated Dispur, the 19th May, 2021

Memo No.HLB.99/2021/4-A

Copy to:

1. P.S to the Hon'ble Health Minister, Assam.
2. P.S to Principal Secretary to the Chief Minister, Assam.
3. The Director of Medical Education, Assam, Khanapara, Guwahati.

By order etc.,

Joint Secretary to the Govt of Assam
Health & FW Department

CXS
Urgent
20/05/21
SRO
20/5/21

GOVERNMENT OF ASSAM
OFFICE OF THE DIRECTOR OF MEDICAL EDUCATION, ASSAM
SIXMILE, KHANAPARA, GUWAHATI-22, E-mail- dmeassam@gmail.com

No. DME/TMCH/105/2021/12328

Dated: -05-2021

From: Prof. (Dr.) A. K. Barman,
Director of Medical Education, Assam

To,

✓ The Principal Secretary
to the Government of Assam,
Health & Family Welfare Department
Dispur, Guwahati-06

Sub: Proposal for procurement of Ventilators (Newborn to Paediatric) and Oxygen Concentrators (10 LPM) for COVID-19 disease in paediatric age group.

Sir,

With reference to the subject as cited above, I have the honour to state that as per the Minutes of the Meeting Chaired by Hon'ble Chief Minister of Assam on 18th May 2021, the third wave of COVID-19 is likely to hit this part of the Country as well along with the rest of the Country. Hon'ble Chief Minister instructed the department to prepare accordingly to combat the surge especially in paediatric population. It is anticipated that in the third wave paediatric age group may be affected largely although the rate of affection in the current wave is not very high among such age group.

It is learnt that Ministry of DoNER has come forward to help the Government of Assam to combat the surge of this COVID-19 pandemic.

Therefore, the undersigned would like to request the government to kindly give a proposal to the Ministry of DoNER for financial assistance for the procurement of few equipment having valid approved rates with DME Assam as mentioned in the subject which will help immensely to combat the COVID-19 disease in paediatric age group.

Awaiting in anticipation.

Yours faithfully,

Encl: statement of lists

[Signature]
19.5.21
Director of Medical Education, Assam

Dated: -05-2021

MEMO No. DME/ TMCH/105/2021

Copy for kind information to:

1. The Special Secretary to the Govt. of Assam Health & F.W Department Dispur, Guwahati-06.
2. The Addl. Secretary to the Government of Assam, Health & F.W Department Dispur, Guwahati-06.
3. The P.S. to the Hon'ble Minister, Health & F.W. Department, Dispur, Guwahati-06 Assam for kind appraisal of the Hon'ble Minister.

//
Director of Medical Education, Assam

CC to the Principal Secretary to the Government of Assam,
Health & Family Welfare Department,
ECR / Dy. No. 182
Date 19.5.21

Statement of equipment with financial involvement as per current approved rate

Sl. No	Name of Item	Qty	Approved rate inclusive of all taxes	Amount
1	Mechanical Ventilator Model No: C1, Mfg. Hamilton Medical AG, Switzerland	250	1148000	28,70,00,000
2	Oxygen Concentrator (10 LPM) Model No.: NIDEK UNO 10	500	125700	6,28,50,000
TOTAL AMOUNT				Rs. 34,98,50,000

(Rupees thirty four crore ninety eight lakh fifty thousand) only

19.5.21
Director of Medical Education, Assam

ANNEXURE-B

28th meeting of IMC/NESIDS Committee scheduled on 02.06.2021

I. CHECKLIST-CUM-AGENDA NOTE FOR RETENTION/SELECTION OF PROJECTS
(to be submitted by Programme Division, MDoNER)

Agenda Item No.:

State: Manipur

Name of Project: Setting up/installation of Liquid medical Oxygen Tank and Vaporizer at JNIMS, Imphal East

Project Description/Summary (not exceeding 200 words): The State has developed two Covid-19 hospitals at RIMS and JNIMS, Covid Care Centres in 5 district hospital, 2 CHCs and other 9 centres in different districts and more than 742 patients are in these centres. The demand for Oxygen is increasing day by day, JNIMS also installed a PSA oxygen generation plant received from MoH&FW recently but not sufficient for the hospital needs. The state is sourcing the demand from the neighboring state which is not effective and efficient.

Stage 1: Selection/Sanction of the Project

1 General Information

1.1 Estimated Cost (as per concept note/Proposal) (Final/revised, which is under consideration) Rs.300.00 lakh

1.2 Whether lying in backward areas Not available

1.3 **Sector:** (Physical infrastructure relating to _____ (Water supply/Power/Connectivity - mention as applicable or creation of infrastructure in social sector in the areas of _____ (Primary/Secondary Sectors of Education/Health - mention as applicable) Health infrastructure

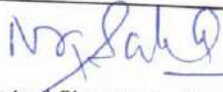
1.4 **Project Linkages with Promotion of Tourism** (not exceeding 100 words):
Tourism potential: No

1.5 **Whether independent /new project or part of any other project of any other Ministry/SG/Agency, whether proposed, sanctioned or ongoing** Yes, it is a new project. The project is not proposed in any other Ministry.

1.6 **If the project involves O & M, staff components, post construction management, recurring expenses etc for its running/maintenance etc e.g.(e.g.running of a Hostal building), has the SG agreed to take care of these activities** The State Health Department has adequate manpower to run and manage the plant.

1.7	Broad Breakup of Major Components of the project Cost as per concept note	Breakup of Major Components of the projects as per Concept Note (figure in lakhs)	
a	Installation of 10 K Liquid Oxygen Tank and Vapouriser	80.00	
b	Civil Component	20.00	
	Total	100.00	
	For 3 LMO tank and Vapouriser + Civil Component	300.00	
1.7A	Out of above, SG's Contribution in the Project Cost, if any	Nil	
1.7B	Out of above, Contribution from any other Ministry/Agency in the Project Cost, if any	Nil	
1.8	Date of receipt of proposal/concept note from State Government (SG)	13.05.2021	
1.9	Original		
1.10	Revised (if any)		
2	Is the project in question supported/coverable under any other scheme of Central or State Government	No	
3	Normative allocation of SG and related details		
4	List of line Ministries/IFD/Technical Wing/others to whom circulated for comments along with		
	Name of line Ministry/IFD/Technical Wing/Others	Date of sending for comments	Date of receipt of comments (if any)
	IFD, MDoNER	11.05.2021	No comments received till date
	Technical Wing, MDoNER	11.05.2021	18.05.2021
	Ministry of Health & Family Welfare	11.05.2021	No comments received till date
	Niti Aayog	11.05.2021	No comments received till date
5	Whether proposal has been accompanied with the following documents		
	(a) Concept Note	Yes. Concept paper is at p...../c	
	(b) Abstract of cost/Broad break up of costs	Yes, at p...../c	
	(c) Approval of CS	Yes.	
	(d) Any other (pl. specify)	Yes/No (relevant extract at page ____)	
6	Comments of line Ministries/IFD/Technical Wing/Others in brief (attached as per Annexure-__)		

7	Important observations/comments of Prog. Division
	<p>In health care settings, with no effective oxygen systems, there is also usually been an under-resourcing of other essential services required to make a hospital run effectively. Robust oxygen systems to deal with a pandemic take time to put in place. In long run, it becomes cost effective and beneficial.</p> <p>After due scrutiny, the PD recommends the proposal for consideration in the IMC.</p>


(Dated Signature & Name of
Under Secretary concerned)

31.5.21

Comments of consulted line Ministries/IFD/Technical Wing, MDoNER

No. Sub

89813/2021/O/o US(NKS)

No. PLG2-301/2/2021-PLG-PLANNIG
Secretariat: Planning Department
Government of Manipur

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Imphal, the 11<sup>th</sup> May, 2021

To,

Shri S.D. Meena,  
Deputy Secretary, Ministry of DoNER,  
East Block-10, Level-4, R.K. Puram,  
New Delhi-110066,  
E-mail: [meena.sd@nic.in](mailto:meena.sd@nic.in)

Subject: **Proposals for funding under NESIDS for strengthening Health Infrastructure in NE States for fighting COVID-19 pandemic.**

Sir,

I am directed to refer to M/o DoNER's letter No. NESIDS/6/2019-O/o DIR1(NLCPR) dated 28/04/2021 and subsequent reminder dated 07/05/2021 addressed to the Chief Secretary, Government of Manipur on the above subject, we are submitting herewith the following 5 (Five) prioritized projects worth Rs. 68.96 crore for strengthening health infrastructure in the State to deal effectively the upsurge of COVID-19 for funding under NESIDS. Concept papers for these proposals are also enclosed herewith.

| Sl. No.       | Name of Project                                                                                   | Cost (Rs in Cr) |
|---------------|---------------------------------------------------------------------------------------------------|-----------------|
| 1.            | Setting up/installation of liquid Medical Oxygen tank and vaporizer - 3 Nos.                      | 3.00            |
| 2.            | i) Procurement of 2000 Nos Oxygen concentrators &<br>ii) Procurement of Oxygen cylinder -D/B Type | 29.60           |
| 3.            | Strengthening of Supervisory Vehicles for Monitoring Visit of the entire State of Manipur         | 4.18            |
| 4.            | Strengthening for COVID-19 Testing in Manipur                                                     | 27.93           |
| 5.            | Purchase 17 ALS Ambulances for 16 Districts and 1 Medical Directorate                             | 4.25            |
| <b>Total:</b> |                                                                                                   | <b>68.96</b>    |

2. Considering the serious covid pandemic situation in the State, Ministry of DoNER is requested to kindly consider the above health infrastructure projects on top priority and accord requisite approval and release at least Rs 20.00 crore as first instalment under NESIDS at the earliest.

3. This issues with the approval of the Competent Authority.

End: As stated.

Yours faithfully,

N. Kulkarani Devi  
(N. Kulkarani Devi) 11/5/2021  
Director (Planning)

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Copy to:

1. Secretary to Chief Minister, Manipur
2. Staff Officer to Chief Secretary, Government of Manipur
3. Commissioner (Planning), Government of Manipur

89813/2021/O/o US(NKS)

CONCEPT PAPER

Sl.No.	ITEMS	DETAILED INFORMATION
A.	General Information	
i.	Name of the project	Setting up / Installation of Liquid Medical Oxygen Tank and Vaporizer – 3 nos
ii.	Location of the Project	Jawaharlal Nehru Institute of Medical Sciences, Porompat, Imphal East District.
iii.	Approximate estimated cost of the project	Rs. 300.00 lakhs
iv.	Introduction	<p>The second wave of Covid-19 pandemic has affected the state more seriously and faster than the last year. In the last ten days, 2557 persons have become positive out of the total cases of 33,733 and more than 28 deaths out of the total death of 447.</p> <p>The state has developed two Covid-19 hospitals at RIMS and JNIMS, Covid Care Centers in 5 District hospital, 2 CHCs and other 9 centers in different districts and more than 742 patients are in these centers.</p> <p>The demand for Oxygen is increasing day by day, JNIMS also installed a PSA oxygen generation plant (received from MoHFW) recently but not sufficient for the hospital needs.</p> <p>The state is sourcing the demand from the neighbouring state which is not effective and efficient.</p>
v.	Objectives of the project	<ul style="list-style-type: none"> To ensure proposer supply of Oxygen in the Hospital easy access and prompt supervisory visits to District Hospital and Covid Care Centres To ensure timely intervention of COVID patients at the hospital. To ensure proper supply of Oxygen to the Other demands of Oxygen in the State



89813/2021/O/o US(NKS)

vi.	Present Status	<p>The state has developed two Covid-19 hospitals at RIMS and JNIMS, Covid Care Centres in 5 District hospital, 2 CHCs and other 9 centres in different districts and more than 742 patients are in these centres.</p> <p>JNIMS also installed a PSA oxygen generation plant (received from MoHFW) recently but not sufficient for the hospital needs.</p>		
vii.	Proposed components & Estimated Cost			
	Sl.No.	Item	Amount(Rs.lakhs)	
	1.	Installation of 10 K Liquid Oxygen Tank and Vapouriser	80.00	
	2.	Civil Component	20.00	
	Total		100.00	
		For 3 LMO tank and Vapouriser	300.00	
viii.	Physical targets and Benefits to be generated	With the execution of project , the present scarcity of Oxygen will be met and cater to the needs of Oxygen requirement of COVID and Non COVID patients admitted in the Hospital.		
ix.	Project Duration	6 Months		
x.	Phasing	Phase	Year	Physical
		Ist	May –July 2021	60%
		2nd	Aug-oct 2021	40%
xi.	Methods of Implementation	By entrusting to an appropriate engineering agency decided by the government		
xii.	Status of Land	Land is available and earmarked for the hospital.		
xiii.	State of Preparedness	The State is ready to implement the project, if approved. The project will not cause damage to the ecological balance and forest		




89813/2021/O/o US(NKS)

xiv.	Maintenance	On completion the maintenance of the hospital will be done by the government
xv.	Justification for taking up the project	<p>The second wave of Covid-19 pandemic has affected the state more seriously and faster than the last year. In the last ten days, 2557 persons have become positive out of the total cases of 33,733 and more than 28 deaths out of the total death of 447.</p> <p>The state has developed 2 (Covid-19 hospitals, each at RIMS and JNIMS, Isolation wards have been kept ready at 2 PHCs , 4 CHCs, 2 Sub District Hospital , 7 District Hospitals and 2 Private Hospitals with a total Bed capacity - 424 (371 Non ICU and 53 ICU beds) .</p> <p>Further , Covid Care Centers has been opened in All the 16 Districts.</p> <p>The State has further initiated steps to open Community Home Isolation centers in the 60 (sixty) Assembly Constituencies.</p> <p>The present demand for Oxygen is calculated at 700 D type Cylinder per day . With the opening of new Covid treatment facilities the demand is likely to increase and projected consumption is calculated as approximately 900 D- type Cylinders per day.</p> <p>The State has 2 two Plants producing approximately only 550 D type Cylinders per day while the rest is sourced from outside the State.</p>
xvi.	Techno-economic Viability	Health Department has adequate manpower to run and manage the pant
Xvii.	Funding	The proposal is presented to MDoNER for funding from NESIDS



Director of Health Services, Manipur



10-5-2021
Principal Secretary (Health & FW)
Government of Manipur.

28th meeting of IMC/NESIDS Committee scheduled on 02.06.2021

I. CHECKLIST-CUM-AGENDA NOTE FOR RETENTION/SELECTION OF PROJECTS
(to be submitted by Programme Division, MDoNER)

Agenda Item No.:

State: Manipur

Name of Project: (i) Procurement of 500 Nos. Oxifgen Concentrators and (ii) Procurement of Oxygen Cylinder - D/B type

Project Description/Summary (not exceeding 200 words): The second wave of Covid-19 pandemic has affected the state more seriously and faster than the last year. The state has developed 2 (Covid-19 hospitals, each at RIMS and JNIMS, Isolation wards have been ready at 2 PHCS + 4 CHCs, 2 Sub-District Hospital, 7 District Hospital and 2 private Hospitals with a total Bed capacity 424 (371 Non ICU and 53 ICU beds). The present demand for Oxygen is calculated at 700 D type cylinder per day. With the opening of new Covid treatment facilities the demand is likely to increase and projected consumption is calculated as approximately 900 D type Cylinders per day. The state has 2 plants producing approximately only 550 D type Cylinders per day.

Stage 1: Selection/Sanction of the Project

1	General Information			
1.1	Estimated Cost (as per concept note/Proposal) (Final/revised, which is under consideration)	Rs.2960.00 lakh		
1.2	Whether lying in backward areas	Not available		
1.3	Sector: (Physical infrastructure relating to _____ (Water supply/Power/Connectivity - mention as applicable or creation of infrastructure in social sector in the areas of _____ (Primary/Secondary Sectors of Education/Health - mention as applicable)	Health infrastructure		
1.4	Project Linkages with Promotion of Tourism (not exceeding 100 words): Tourism potential: No			
1.5	Whether independent /new project or part of any other project of any other Ministry/SG/Agency, whether proposed, sanctioned or ongoing	Yes, it is a new project. The project is not proposed in any other Ministry.		
1.6	If the project involves O & M, staff components, post construction management, recurring expenses etc for its running/maintenance etc e.g.(e.g.running of a Hostel building), has the SG agreed to take care of these activities	Health Department has adequate manpower to manage the equipment. On completion the maintenance of the hospital will be done by the Government.		
1.7	Broad Breakup of Major Components of the project Cost as per concept note	Breakup of Major Components of the projects as per Concept Note (figure in lakhs)		
	Item	No.	unit cost	
a	Oxygen Concentrator	2000	1.2	2,400.00
b	D type Oxygen Cylinder	2000	0.22	440.00
c	B type Oxygen Cylinder	1000	0.12	120.00
	Total			2960.00

1.7A	Out of above, SG's Contribution in the Project Cost, if any		
1.7B	Out of above, Contribution from any other Ministry/Agency in the Project Cost, if any	Nil	
1.8	Date of receipt of proposal/concept note from State Government (SG)	13.05.2021	
1.9	Original		
1.10	Revised (if any)		
2	Is the project in question supported/coverable under any other scheme of Central or State Government	No	
3	Normative allocation of SG and related details		
4	List of line Ministries/IFD/Technical Wing/others to whom circulated for comments along with dates of		
	Name of line Ministry/IFD/Technical Wing/Others	Date of sending for comments	Date of receipt of comments (if any)
	IFD, MDoNER	13.05.2021	No comments received till date
	Technical Wing, MDoNER	13.05.2021	18.05.2021
	Ministry of Health & Family Welfare	13.05.2021	No comments received till date
	Niti Aayog	13.05.2021	No comments received till date
5	Whether proposal has been accompanied with the following documents		
	(a) Concept Note	Yes. Concept paper is at p...../c	
	(b) Abstract of cost/Broad break up of costs	Yes, at p...../c	
	(c) Approval of CS	Yes.	
	(d) Any other (pl. specify)	Yes/No (relevant extract at page __)	
6	Comments of line Ministries/IFD/Technical Wing/Others in brief (attached as per Annexure-__)		
7	Important observations/comments of Prog. Division		
	As India battles the 2nd wave of the COVID-19 pandemic, the surge of new infections has resulted in an alarming increase in the number of active cases. The resultant stress on our public health infrastructure has led to a big spike in demand for oxygen cylinder and oxygen concentrators. This is an essential need of hospital. After due scrutiny, the PD recommends the proposal for consideration in the IMC.		

150x/1410
21/5/21
(Dated Signature & Name of
Under Secretary concerned)

Comments of consulted line Ministries/IFD/Technical Wing, MDoNER

[illegible]

Neelaka

89813/2021/O/o US(NKS)

No. PLG2-301/2/2021-PLG-PLANNIG
 Secretariat: Planning Department
 Government of Manipur

To, Imphal, the 11th May, 2021

Shri S.D. Meena,
 Deputy Secretary, Ministry of DoNER
 East Block-10, Level-4, R.K. Puram,
 New Delhi-110066,
 E-mail: meena.sd@nic.in

Subject: **Proposals for funding under NESIDS for strengthening Health Infrastructure in NE States for fighting COVID-19 pandemic.**

Sir,

I am directed to refer to M/o DoNER's letter No. NESIDS/6/2019-O/o DIR1(NLCPR) dated 28/04/2021 and subsequent reminder dated 07/05/2021 addressed to the Chief Secretary, Government of Manipur on the above subject, we are submitting herewith the following 5 (Five) prioritized projects worth Rs. 68.96 crore for strengthening health infrastructure in the State to deal effectively the upsurge of COVID-19 for funding under NESIDS. Concept papers for these proposals are also enclosed herewith.

Sl. No.	Name of Project	Cost (Rs In Cr)
1.	Setting up/installation of liquid Medical Oxygen tank and vaporizer - 3 Nos.	3.00
2.	i) Procurement of 2000 Nos Oxygen concentrators & ii) Procurement of Oxygen cylinder -D/B Type	29.60
3.	Strengthening of Supervisory Vehicles for Monitoring Visit of the entire State of Manipur	4.18
4.	Strengthening for COVID-19 Testing in Manipur	27.93
5.	Purchase 17 ALS Ambulances for 16 Districts and 1 Medical Directorate	4.25
Total:		68.96

2. Considering the serious covid pandemic situation in the State, Ministry of DoNER is requested to kindly consider the above health infrastructure projects on top priority and accord requisite approval and release at least Rs 20.00 crore as first instalment under NESIDS at the earliest.

3. This issues with the approval of the Competent Authority.
 End: As stated.

Yours faithfully,

N. Kulkarni Dev
 (N. Kulkarni Devi) 11/5/2021
 Director (Planning)

Copy to:

1. Secretary to Chief Minister, Manipur
2. Staff Officer to Chief Secretary, Government of Manipur
3. Commissioner (Planning), Government of Manipur

89813/2021/O/o US(NKS)

CONCEPT PAPER

Sl.No.	ITEMS	DETAILED INFORMATION
A.	General Information	
i.	Name of the project	1. Procurement of 500 Nos. Oxygen Concentrators 2. Procurement of Oxygen Cylinder – D/B type.
ii.	Location of the Project	Medical College (RIMS and JNIMS), District Hospitals, Covid Care Center and other Hospitals in Manipur.
iii.	Approximate estimated cost of the project	Rs. Rs.2960.00 lakhs
iv.	Introduction	<p>The second wave of Covid-19 pandemic has affected the state more seriously and faster than the last year. In the last ten days, 2557 persons became positive out of the total cases of 33,733 and more than 28 deaths out of the total death count of 447.</p> <p>The state has developed two Covid-19 hospitals at RIMS and JNIMS, Covid Care Centres in 5 District hospital, 2 CHCs and other 9 centres in different districts and more than 742 patients are in these centres.</p> <p>The demand for Oxygen is increasing day by day, JNIMS has installed a PSA oxygen generation plant (received from MoHFW) recently but not sufficient for the hospital needs.</p> <p>The state is sourcing the demand from the neighbouring state which is not effective and efficient.</p>
v.	Objectives of the project	<ul style="list-style-type: none"> To ensure proposer supply of Oxygen in the Hospital easy access and prompt supervisory visits to District Hospital and Covid Care Centres To ensure timely intervention of COVID patients at the hospital. To ensure proper supply of Oxygen to the Other demands of Oxygen in the State.

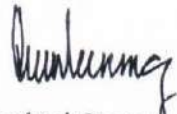


vi.	Present Status	The state has developed two Covid-19 hospitals at RIMS and JNIMS, Covid Care Centres in 5 District hospital, 2 CHCs and other 9 centres in different districts and more than 742 patients are in these centres. There is a present need to upscale the Production of Oxygen generation and availability of Oxygen for the COVID patients on top of the demands for Non COVID patients.				
vii.	Proposed components & Estimated Cost					
		Sl.NO.	Item	No.	Unit Cost (in Lakhs)	Total Amount (in lakhs)
		1	Oxygen Concentrator	2000	Rs. 1.2	Rs.2400.00
		2.	D type Oxygen Cylinder	2000	Rs. 0.22	Rs. 440.00
		3	B type Oxygen Cylinder	1000	Rs. 0.12	Rs. 120.00
			Total			Rs.2960.00
viii.	Physical targets and Benefits to be generated	With the execution of project , the present scarcity of Oxygen will be met and cater to the needs of Oxygen requirement of COVID and Non COVID patients admitted in the Hospital.				
ix.	Project Duration	3 Months				
x.	Phasing	Phase	Year		Physical	
		Ist	May -July 2021		100%	
xi.	Methods of Implementation	Procurement to be done by the Health Department				
xii.	Status of Land	Not applicable.				
xiii.	State of Preparedness	The State is ready to implement the project, if approved. The project will not cause damage to the ecological balance and forest				

89813/2021/O/o US(NKS)

xiv.	Maintenance	On completion the maintenance of the hospital will be done by the government
xv.	Justification for taking up the project	<p>The second wave of Covid-19 pandemic has affected the state more seriously and faster than the last year. In the last ten days, 2557 persons have become positive out of the total cases of 33,733 and more than 28 deaths out of the total death of 447.</p> <p>The state has developed 2 (Covid-19 hospitals, each at RIMS and JNIMS, Isolation wards have been kept ready at 2 PHCs , 4 CHCs, 2 Sub District Hospital , 7 District Hospitals and 2 Private Hospitals with a total Bed capacity - 424 (371 Non ICU and 53 ICU beds) .</p> <p>Further , Covid Care Centers has been opened in All the 16 Districts.</p> <p>The State has further initiated steps to open Community Home Isolation centers in the 60 (sixty) Assembly Constituencies.</p> <p>The present demand for Oxygen is calculated at 700 D type Cylinder per day . With the opening of new Covid treatment facilities the demand is likely to increase and projected consumption is calculated as approximately 900 D- type Cylinders per day.</p> <p>The State has 2 two Plants producing approximately only 550 D type Cylinders per day , while the rest is sourced from outside the State.</p>
xvi.	Techno-economic Viability	Health Department has adequate manpower to manage the equipments
Xvii.	Funding	The proposal is presented to MDoNER for funding from NESIDS


 Director of Health Services, Manipur


 10-5-2021
 Principal Secretary, Health & FW,
 Government of Manipur

ANNEXURE-D

28th meeting of IMC/NESIDS Committee scheduled on 02.06.2021

I. CHECKLIST-CUM-AGENDA NOTE FOR RETENTION/SELECTION OF PROJECTS
(to be submitted by Programme Division, MDoNER)

Agenda Item No.:

State: Manipur

Name of Project: Strengthening of Supervisory Vehicles for monitoring visit of the entire State of Manipur

Project Description/Summary (not exceeding 200 words): The State has need for monitoring visit to the various Covid Care Centers located at both the Valley Districts as well as Hill Districts. Out of the 16 Districts of the State, only 7 Districts which were newly created are having Supervisory Vehicles. The Vehicles for the remaining 9 Districts which were allotted in the year 2008 are very old and unserviceable and most of these vehicles are off road.

Stage 1: Selection/Sanction of the Project

1	General Information		
1.1	Estimated Cost (as per concept note/Proposal) (Final/revised, which is under consideration)	Rs.418.00 lakh	
1.2	Whether lying in backward areas	Not available	
1.3	Sector: (Physical infrastructure relating to _____ (Water supply/Power/Connectivity - mention as applicable or creation of infrastrucrure in social sector in the areas of _____ (Primary/Secondary Sectors of Education/Health - mention as applicable)	Health infrastructure	
1.4	Project Linkages with Promotion of Tourism (not exceeding 100 words): Tourism potential: No		
1.5	Whether independent /new project or part of any other project of any other Ministry/SG/Agency, whether proposed, sanctioned or ongoing	Yes, it is a new proposal. The proposal is not proposed in any other Ministry.	
1.6	If the project involves O & M, staff components, post construction management, recurring expenses etc for its running/maintainance etc e.g.(e.g.running of a Hostal building), has the SG agreed to take care of these activities	Health Department has adequate manpower to manage the equipment. On completion, the maintenance of the hospital will be done by the Government.	
1.7	Broad Breakup of Major Components of the project Cost as per concept note	Breakup of Major Components of the projects as per Concept Note (figure in lakhs)	
	Name of the Officers	No. of Vehicles	Amount
a	Directorate of Health Services, Medical Directorate, Manipur	21	1,90,82,742.00
b	Office of the Chief Medical Officers	9	81,78,318.00
c	District Hospitals	16	1,45,39,232.00
	Total		4,18,00,292.00

1.7A	Out of above, SG's Contribution in the Project Cost, if any	Nil	
1.7B	Out of above, Contribution from any other Ministry/Agency in the Project Cost, if any	Nil	
1.8	Date of receipt of proposal/concept note from State Government (SG)	13.05.2021	
1.9	Original		
1.10	Revised (if any)		
2	Is the project in question supported/coverable under any other scheme of Central or State Government	No	
3	Normative allocation of SG and related details		
4	List of line Ministries/IFD/Technical Wing/others to whom circulated for comments along with		
	Name of line Ministry/IFD/Technical Wing/Others	Date of sending for comments	Date of receipt of comments (if any)
	IFD, MDoNER	13.05.2021	No comments received till date
	Technical Wing, MDoNER	13.05.2021	18.05.2021
	Ministry of Health & Family Welfare	13.05.2021	No comments received till date
	Niti Aayog	13.05.2021	No comments received till date
5	Whether proposal has been accompanied with the following documents		
	(a) Concept Note	Yes. Concept paper is at p...../c	
	(b) Abstract of cost/Broad break up of costs	Yes, at p...../c	
	(c) Approval of CS	Yes.	
	(d) Any other (pl. specify)	Yes/No (relevant extract at page __)	
6	Comments of line Ministries/IFD/Technical Wing/Others in brief (attached as per Annexure-__)		
7	Important observations/comments of Prog. Division		
	<p>Procurement of vehicles to ensure timely intervention for wellbeing of Covid patients at the hospital is a welcome step. In view the present situation of the Covid-19 pandemic, Supervisory Vehicles will enhance the health service system in the state.</p> <p>After due scrutiny, the PD recommends the proposal for consideration in the IMC.</p>		

M. S. Sahasrabudhe
 (Dated Signature & Name of
 Under Secretary concerned)

Comments of consulted line Ministries/IFD/Technical Wing, MDoNER

My Suba

89813/2021/O/o US(NKS)

No. PLC2-301/2/2021-PLG-PLANNIG
Secretariat: Planning Department
Government of Manipur
NNN

Imphal, the 11th May, 2021

To,
Shri S.D. Meena,
Deputy Secretary, Ministry of DoNER,
East Block-10, Level-4, R.K. Puram,
New Delhi-110066,
E-mail: meena.sd@nic.in

Subject: **Proposals for funding under NESIDS for strengthening Health Infrastructure in NE States for fighting COVID-19 pandemic.**

Sir,

I am directed to refer to M/o DoNER's letter No. NESIDS/6/2019-O/o DIR1(NLCPR) dated 28/04/2021 and subsequent reminder dated 07/05/2021 addressed to the Chief Secretary, Government of Manipur on the above subject, we are submitting herewith the following 5 (Five) prioritized projects worth Rs. 68.96 crore for strengthening health infrastructure in the State to deal effectively the upsurge of COVID-19 for funding under NESIDS. Concept papers for these proposals are also enclosed herewith.

Sl. No.	Name of Project	Cost (Rs In Cr)
1.	Setting up/Installation of liquid Medical Oxygen tank and vaporizer - 3 Nos.	3.00
2.	i) Procurement of 2000 Nos Oxygen concentrators & ii) Procurement of Oxygen cylinder -D/B Type	29.60
3.	Strengthening of Supervisory Vehicles for Monitoring Visit of the entire State of Manipur	4.18
4.	Strengthening for COVID-19 Testing in Manipur	27.93
5.	Purchase 17 ALS Ambulances for 16 Districts and 1 Medical Directorate	4.25
Total:		68.96

2. Considering the serious covid pandemic situation in the State, Ministry of DoNER is requested to kindly consider the above health Infrastructure projects on top priority and accord requisite approval and release at least Rs 20.00 crore as first instalment under NESIDS at the earliest.

3. This issues with the approval of the Competent Authority.
End: As stated.

Yours faithfully,

N. Kulkarni Da.
(N. Kulkarani Devi) 11/5/2021
Director (Planning)
NNN

Copy to:

1. Secretary to Chief Minister, Manipur
2. Staff Officer to Chief Secretary, Government of Manipur
3. Commissioner (Planning), Government of Manipur

89813/2021/O/o US(NKS)

CONCEPT PAPER

Name of Project : Strengthening of Supervisory Vehicles for monitoring visit of the entire State of Manipur.

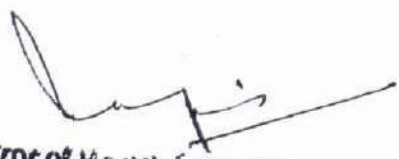
INTRODUCTION : With the rising number of Covid-19 positive cases all over the State, there is need for monitoring visit to the various Covid Care Centers located at both the Valley Districts as well as Hill Districts.

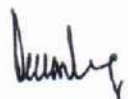
Out of the 16 Districts of the State, only 7 Districts which was newly created is having new Supervisory Vehicles. The Vehicles for the remaining 9 Districts was allotted in the year, 2007 -2008, are very old and unserviceable and most of these vehicles are off road.

JUSTIFICATION : There are 4 (four) Additional Directors, 4 (four) Joint Directors, 11 (eleven) Deputy Directors, 1 Administrative Officer and 1 Finance Officer in the Directorate of Health. Whereas this Directorate is having only 9 Vehicles for Supervisory and monitoring visit of the during 2008-2009. The conditions of these vehicles are not good and cannot go for long distance.

CONCLUSION : During this 2nd wave of Covid -19 pandemic in the State, this Directorate of facing lots of problems due to unavailability of vehicles.

Sl.No	Name of the Offices	No. of Vehicles	Amount	Remarks
1	Directorate of Health Services, Medical Directorate, Manipur	21	Rs.1,90,82,742/-	Performa enclosed as annexure
2	Office of the Chief Medical Officers	9	Rs. 81,78,318/-	
3	District Hospitals	16	Rs.1,45,39,232/-	
	TOTAL :	46	Rs.4,18,00,292/-	


 Director of Health Services
 Government of Manipur


 10.5.2021

Principal Secy. (.....)
 Government of Manipur

89843/2021/070 US(NKS)

QUOTATION / PERFORMA BILL

Mahindra
Rise**Shivz Autotech**

(A Unit of Shivz Autotech Pvt Ltd.)

Ghari, Airport Road Imphal West

Manipur-795001

Authorised Dealer: MAHINDRA AND MAHINDRA LTD.

Date 27-05-20Ref. No.: 80/RDP-260520

Directorate of Health Services
Govt. of Manipur

Sub: Mahindra and Mahindra Vehicles

Dear Sir,

With reference to the above, we take pleasure in furnishing below our current prices of the above vehicles for your necessary action.

Sl.No.	DESCRIPTION	Qty.	Unit Price	TOTAL PRICE	
				Rs.	P.
1.	BOLERO PM B4 B56 (Base Price)	1.	618603	9,08,402/-	
2.	GST 28%		143208		
3.	CESS 3%		18558		
4.	TRANSPORTATION		8500		
5.	INCIDENTAL CHARGES + GST 18%		3540		
6.	INSURANCE REGISTRATION		44894		
			38399	9,08,402/-	

PRICES: Nine lakh eight thousand seven hundred and two only

Prices, Excise duty, Sales tax etc. are subject to change without notice and are payable as ruling on the date of delivery of the vehicle, irrespective of when the orders are placed and payments made.

DELIVERY:

The vehicle would be supplied in approx. 4/5 weeks from the date of your order subject to any delay owing to reason beyond our control. Please note that the vehicle will be delivered only after encashment of the Draft/Cheque/Pay Order etc.

PAYMENT:

100% payment by Cash/ Demand Draft payable at Imphal in favour of Shivz Autotech Pvt Ltd. to be paid to us in advance along with your order. No interest will be paid by us on this amount which kindly note.

NOTE:

- (A) This is to inform all our esteemed customers that any advance payment for purchase of vehicles made by them to us is our liability and our principals M/s Mahindra & Mahindra Ltd. are in no way implicitly & explicitly responsible for any vicarious liability for the refund of advance or delivery of vehicles thereof, as they deal with us on a principal-to-principal basis.
- (B) As per latest income-tax rules 1998 the following is to be produced at the time of purchase of motor vehicle.

1. IF YOU ARE ASSESSED TO TAX

A) PANNO/GIRNO

B) Details of ward/circle/range where the last return of income was filed.

2. IF YOU ARE NOT ASSESSED TO TAX

DOCUMENTS IN SUPPORT OF ADDRESS

(C) OUR SALES TAX TIN NO. 14921634177

We hope the above meets with your approval and shall request you to favour us with your valued order and oblige. Thanking you and assuring you of our best service at all times, we remain.

AS PER MOTOR Vehicle ACT. PERMANENT OR TEMPORARY REGISTRATION OF VEHICLE IS A MUST BEFORE DELIVERY OF VEHICLE.



For Shivz Autotech Sales Department

28th meeting of IMC/NESIDS Committee scheduled on 02.06.2021

I. CHECKLIST-CUM-AGENDA NOTE FOR RETENTION/SELECTION OF PROJECTS
(to be submitted by Programme Division, MDoNER)

Agenda Item No.:

State: Manipur

Name of Project: Strengthening for Covid-19 testing in Manipur.

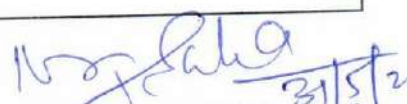
Project Description/Summary (not exceeding 200 words): Due to rising number of Covid positive cases all over the State, and more number of people coming out to get themselves tested for Covid-19, there is need for more number of Kits and consumables for testing. About 2000-3000 number of people are tested for Covid-19 everyday and aboutn 300-400 positives reproted daily.

Stage 1: Selection/Sanction of the Project

General Information

Stage 1: Selection/Sanction of the Project					
1	General Information				
1.1	Estimated Cost (as per concept note/Proposal) (Final/revised, which is under consideration)	Rs.2793.54 lakh			
1.2	Whether lying in backward areas	Not available			
1.3	Sector: (Physical infrastructure relating to _____ (Water supply/Power/Connectivity - mention as applicable or creation of infrastrucrure in social sector in the areas of _____ (Primary/Secondary Sectors of Education/Health - mention as applicable)	Health			
1.4	Project Linkages with Promotion of Tourism (not exceeding 100 words):				
	Tourism potential:	No			
1.5	Whether independent /new project or part of any other project of any other Ministry/SG/Agency, whether proposed, sanctioned or ongoing	Yes, it is a new proposal. The proposal is not proposed in any other Ministry.			
1.6	If the project involves O & M, staff components, post construction management, recurring expenses etc for its running/maintainance etc e.g.(e.g.running of a Hostal building), has the SG agreed to take care of these activities	Health Department has adequate manpower to manage the test.			
1.7	Broad Breakup of Major Components of the project Cost as per concept note	Breakup of Major Components of the projects as per Concept Note (figure in Rs.)			
	Cost	RT-PCR (A)	RAT (B)	RueNat (D)	Total (A+B+C)
a	Total cost per day (in Rs.)	4.96.050	70,000	2,04,000	7,70,050
b	Total cost per month (in Rs.)	1,48,81,500	21,00,000	61,20,000	2,31,01,500

c	Total cost for 6 months (in Rs.)	8,92,89,000	1,26,00,000	3,67,20,000	1,00,00,000
d	Total cost per year (in Rs.)	17,85,78,000	2,52,00,000	7,34,40,000	27,72,18,000
e	TrueNat Machine + Biosafety Cabinet (in Rs.)	15,00,000+6,36,000			21,36,000
				Total	27,93,54,000
1.7A	Out of above, SG's Contribution in the Project Cost, if any	Nil			
1.7B	Out of above, Contribution from any other Ministry/Agency in the Project Cost, if any	Nil			
1.8	Date of receipt of proposal/concept note from State Government (SG)	13.05.2021			
1.9	Original				
1.10	Revised (if any)				
2	Is the project in question supported/coverable under any other scheme of Central or State Government	No			
3	Normative allocation of SG and related details				
4	List of line Ministries/IFD/Technical Wing/others to whom circulated for comments along with dates of circulation and date of receipt of comments, if any:				
	Name of line Ministry/IFD/Technical Wing/Others	Date of sending for comments	Date of receipt of comments (if any)		
	IFD, MDoNER	13.05.2021	No comments received till date		
	Technical Wing, MDoNER	13.05.2021	18.05.2021		
	Ministry of Health & Family Welfare	13.05.2021	No comments received till date		
	Niti Aayog	13.05.2021	No comments received till date		
5	Whether proposal has been accompanied with the following documents				
	(a) Concept Note	Yes. Concept paper is at p...../c			
	(b) Abstract of cost/Broad break up of costs	Yes, at p...../c			
	(c) Approval of CS	Yes.			
	(d) Any other (pl. specify)	Yes/No (relevant extract at page ____)			
6	Comments of line Ministries/IFD/Technical Wing/Others in brief (attached as per Annexure-__)				
7	Important observations/comments of Prog. Division				
<p>Increasing in number of Covid positive cases all over the state, more number of Kits and consumables for testing is required. Nature of items as proposed by the State Govt. are consumable and it is basic requirement for fight against Covid-19.</p> <p>After due scrutiny, the PD recommends the proposal for consideration in the IMC.</p>					


 (Dated Signature & Name of
 Under Secretary concerned)

Boz Luher

89813/2021/O/o US(NKS)

No. PLG2-301/2/2021-PLG-PLANNIG
Secretariat: Planning Department
Government of Manipur

To,

Imphal, the 11th May, 2021

Shri S.D. Meena,
Deputy Secretary, Ministry of DoNER
East Block-10, Level-4, R.K. Puram,
New Delhi-110066,
E-mail: meena.sd@nic.in

Subject: **Proposals for funding under NESIDS for strengthening Health Infrastructure in NE States for fighting COVID-19 pandemic.**

Sir,

I am directed to refer to M/o DoNER's letter No. NESIDS/6/2019-O/o DIRI(NLCPR) dated 28/04/2021 and subsequent reminder dated 07/05/2021 addressed to the Chief Secretary, Government of Manipur on the above subject, we are submitting herewith the following 5 (Five) prioritized projects worth Rs. 68.96 crore for strengthening health Infrastructure in the State to deal effectively the upsurge of COVID-19 for funding under NESIDS. Concept papers for these proposals are also enclosed herewith.

Sl. No.	Name of Project	Cost (Rs in Cr)
1.	Setting up/installation of liquid Medical Oxygen tank and vaporizer - 3 Nos.	3.00
2.	i) Procurement of 2000 Nos Oxygen concentrators & ii) Procurement of Oxygen cylinder -D/B Type	29.60
3.	Strengthening of Supervisory Vehicles for Monitoring Visit of the entire State of Manipur	4.18
4.	Strengthening for COVID-19 Testing in Manipur	27.93
5.	Purchase 17 ALS Ambulances for 16 Districts and 1 Medical Directorate	4.25
Total:		68.96

2. Considering the serious covid pandemic situation in the State, Ministry of DoNER is requested to kindly consider the above health Infrastructure projects on top priority and accord requisite approval and release at least Rs 20.00 crore as first instalment under NESIDS at the earliest.

3. This Issues with the approval of the Competent Authority.
End: As stated,

Yours faithfully,

N. Kulkarani Devi
(N. Kulkarani Devi) 11/5/2021
Director (Planning)

Copy to:

1. Secretary to Chief Minister, Manipur
2. Staff Officer to Chief Secretary, Government of Manipur
3. Commissioner (Planning), Government of Manipur

CONCEPT PAPER

Name of Project : Strengthening for COVID-19 Testing in Manipur

INTRODUCTION : With the rising number of COVID-19 positive cases all over the State, and more number of people coming out to get themselves tested for COVID-19, there is need for more number of Kits and consumables for testing.

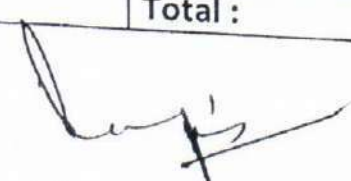
JUSTIFICATION : About 2000 – 3000 number of people are tested for COVID-19 everyday (by Rapid Antigen Test Kit and TrueNat and RT-PCR) and about 300 – 400 positives reported daily.


CONCLUSION : So, the State needs higher number of testing kits and consumables.

BUDGET ESTIMATE FOR COVID-19 TESTING:

A. Estimated Budget for Kits and Consumable for Testing 500 sample per day RT-PCR

Sl.No	Specification	Items	Amount (Per Day)
1		PCR Tubes	6,000
2		Micro centrifuge Tube (Plain)	2,000
3		Microtips with Barrier (Filter Tips)	37,300
4	RNA Extraction Kit	Manual (QIA AMP)	63,000
5		Automated (Gene Mag-Genetic)	1,58,688
6	RT-PCR KIT	RT-PCR KIT (Genetic)	90,000
7	Sample Collection Logistics	VTM	1,05,000
8		PARAFILM	1,500
9		CRYOTAGS	2,468
10		ZIPLOCK POUCH (SMALL)	3,390
11		ZIPLOCK POUCH (LARGE)	509
12		MARKER PEN	200
13		COTTON ROLL	1,998
14		TISSUE ROLL	2,407
15		FACE SHIELD	4,750
16		MOLECULAR GRADE ETHAND	4,000
17		RT-PCR PLATE (Roche)	6,840
18		RT-PCR PLATE (Biorad)	6,000
		Total :	4,96,050


Director of Health Services
Government of Manipur


Principal Secy.(.....)
Government of Manipur

89813/2021/O/o US(NKS)

B. Estimated Budget for Testing 500 sample per day by Rapid Antigen Test Kit

Sl.No	Item	Unit Cost	Amount (per day)
1	Rapid Antigen Test Kit	150	70,000

C : TrueNat :

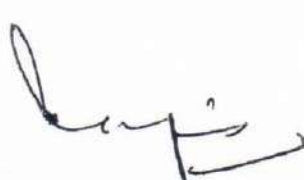
Sl.No	Items	Unit cost	Qty.	Amount
1	TrueNat Machine (Quattro)	15,00,000	1	15,00,000
2	Biosafety Cabinet (BSL-II)	2,12,000	3	6,36,000


D. Estimate Budget for Testing 200 samples(Maximum Capacity) per day by TrueNat

Sl.No	Item	Unit Cost	Amount (per day)
1	TrueNat chip based real time PCR Test	1020	2,04,000

TOTAL ESTIMATED OF BUDGET:

	Cost	RT-PCR (A)	RAT (B)	TrueNat (D)	Total (A+B+D)
A	Total Cost per day (in Rs.)	4,96,050	70,000	2,04,000	7,70,050
B	Total Cost per month (in Rs.)	1,48,81,500	21,00,000	61,20,000	2,31,01,500
C	Total Cost for 6 months (in Rs.)	8,92,89,000	1,26,00,000	3,67,20,000	13,86,09,000
D	Total Cost per year (in Rs.)	17,85,78,000	2,52,00,000	7,34,40,000	27,72,18,000
E	TrueNat Machine + Biosafety Cabinet (in Rs.)	15,00,000 + 6,36,000			21,36,000
	GRAND TOTAL :				27,93,54,000


 Director of Health Services
 Government of Manipur


 Principal Secy. (.....)
 Government of Manipur

ANNEXURE-F

28th meeting of IMC/NESIDS Committee scheduled on 02.06.2021

I. CHECKLIST-CUM-AGENDA NOTE FOR RETENTION/SELECTION OF PROJECTS
 (to be submitted by Programme Division, MDoNER)

Agenda Item No.:

Name of Project: Procurement of 17 ALS ambulances.

State: Manipur

Project Description/Summary (not exceeding 200 words): The State has developed two Covid-19 hospitals at RIMS and JNIMS, Covid Care Centres in 5 District Hospital, 2 CHCs and other 9 centres in different districts and more than 742 patients are in these centres. The requirement of transportation of patients and other emergency services is increasing day by day during this Covid crisis. All Districts of the State do not have ALS ambulances.

Stage 1: Selection/Sanction of the Project

1

General Information

1.1 Estimated Cost (as per concept note/Proposal) (Final/revised, which is under consideration)

Rs.425.00 lakh

1.2 Whether lying in backward areas

Not available

1.3 Sector: (Physical infrastructure relating to _____ (Water supply/Power/Connectivity - mention as applicable or creation of infrastructure in social sector in the areas of _____ (Primary/Secondary Sectors of Education/Health - mention as applicable)

Health

1.4 Project Linkages with Promotion of Tourism (not exceeding 100 words):
 Tourism potential: No

1.5 Whether independent /new project or part of any other project of any other Ministry/SG/Agency, whether proposed, sanctioned or ongoing

Yes, it is a new proposal. The proposal is not proposed in any other Ministry.

1.6 If the project involves O & M, staff components, post construction management, recurring expenses etc for its running/maintenance etc e.g.(e.g.running of a Hostal building), has the SG agreed to take care of these activities

Health Department has adequate manpower to run and manage the Ambulances.

1.7 Broad Breakup of Major Components of the project Cost as per concept note		Breakup of Major Components of the projects as per Concept Note (figure in Rs.lakh)	
	Items		
a	ALS Ambulance	25.00	
c	Total cost	17x25.00 (17 Ambulance)	
	Total	425.00	
1.7A	Out of above, SG's Contribution in the Project Cost, if any	Nil	
1.7B	Out of above, Contribution from any other Ministry/Agency in the Project Cost, if any	Nil	
1.8	Date of receipt of proposal/concept note from State Government (SG)	13.05.2021	
1.9	Original		
1.10	Revised (if any)		
2	Is the project in question supported/coverable under any other scheme of Central or State Government	No	
3	Normative allocation of SG and related details		
4	List of line Ministries/IFD/Technical Wing/others to whom circulated for comments along with dates of circulation and date of receipt of comments, if any:		
	Name of line Ministry/IFD/Technical Wing/Others	Date of sending for comments	Date of receipt of comments (if any)
	IFD, MDoNER	13.05.2021	No comments received till date
	Technical Wing, MDoNER	13.05.2021	18.05.2021
	Ministry of Health & Family Welfare	13.05.2021	No comments received till date
	Niti Aayog	13.05.2021	No comments received till date
5	Whether proposal has been accompanied with the following documents		
	(a) Concept Note	Yes. Concept paper is at p...../c	
	(b) Abstract of cost/Broad break up of costs	Yes, at p...../c	
	(c) Approval of CS	Yes.	
	(d) Any other (pl. specify)	Yes/No (relevant extract at page ____)	
6	Comments of line Ministries/IFD/Technical Wing/Others in brief (attached as per Annexure-__)		
7	Important observations/comments of Prog. Division		
	Advance Life Support (ALS) Ambulances are provided when a patient is in critical condition and a paramedics are required to assist in treatment of the patient before and / or during transport to the emergency facility. After due scrutiny the PD recommends the proposal for consideration in the IMC.		


(Dated Signature & Name of
Under Secretary concerned)

[illegible]

102/2018

89813/2021/O/o US(NKS)

No. PLG2-301/2/2021-PLG-PLANNIG
 Secretariat: Planning Department
 Government of Manipur

To,

Imphal, the 11th May, 2021

Shri S.D. Meena,
 Deputy Secretary, Ministry of DoNER,
 East Block-10, Level-4, R.K. Puram,
 New Delhi-110066,
 E-mail: meena.sd@nic.in

Subject: Proposals for funding under NESIDS for strengthening Health Infrastructure in NE States for fighting COVID-19 pandemic.

Sir,

I am directed to refer to M/o DoNER's letter No. NESIDS/6/2019-O/o DIRI(NLCPR) dated 28/04/2021 and subsequent reminder dated 07/05/2021 addressed to the Chief Secretary, Government of Manipur on the above subject, we are submitting herewith the following 5 (Five) prioritized projects worth Rs. 68.96 crore for strengthening health infrastructure in the State to deal effectively the upsurge of COVID-19 for funding under NESIDS. Concept papers for these proposals are also enclosed herewith.

Sl. No.	Name of Project	Cost (Rs In Cr)
1.	Setting up/installation of liquid Medical Oxygen tank and vaporizer - 3 Nos.	3.00
2.	i) Procurement of 2000 Nos Oxygen concentrators & ii) Procurement of Oxygen cylinder -D/B Type	29.60
3.	Strengthening of Supervisory Vehicles for Monitoring Visit of the entire State of Manipur	4.18
4.	Strengthening for COVID-19 Testing in Manipur	27.93
5.	Purchase 17 ALS Ambulances for 16 Districts and 1 Medical Directorate	4.25
Total:		68.96

2. Considering the serious covid pandemic situation in the State, Ministry of DoNER is requested to kindly consider the above health infrastructure projects on top priority and accord requisite approval and release at least Rs 20.00 crore as first instalment under NESIDS at the earliest.

3. This issues with the approval of the Competent Authority.
 End: As stated.

Yours faithfully,

N. Kulkarani Devi
 (N. Kulkarani Devi)
 Director (Planning)

Copy to:

1. Secretary to Chief Minister, Manipur
2. Staff Officer to Chief Secretary, Government of Manipur
3. Commissioner (Planning), Government of Manipur

89813/2021/O/o US(NKS)

CONCEPT PAPER

Sl.No.	ITEMS	DETAILED INFORMATION		
A.	General Information			
i.	Name of the project	Procurement of 17 – ALS ambulances		
ii.	Location of the Project	16 Districts and 1 Medical Directorate		
iii.	Approximate estimated cost of the project	Rs. 425.00 lakhs		
iv.	Introduction	<p>The second wave of Covid-19 pandemic has affected the state more seriously and faster than the last year. In the last ten days, 2557 persons have become positive out of the total cases of 33,733 and more than 28 deaths out of the total death of 447.</p> <p>The state has developed two Covid-19 hospitals at RIMS and JNIMS, Covid Care Centers in 5 District hospital, 2 CHCs and other 9 centers in different districts and more than 742 patients are in these centers</p>		
v.	Objectives of the project	<ul style="list-style-type: none"> • To ensure easy access of patients to District Hospital and Covid Care Centres • To ensure services reach to interior of the state. • To ensure timely intervention of COVID patients at the hospital. 		
vi.	Present Status	<p>The state has developed two Covid-19 hospitals at RIMS and JNIMS, Covid Care Centres in 5 District hospital, 2 CHCs and other 9 centres in different districts and more than 742 patients are in these centres.</p> <p>All Districts of the State do not have ALS ambulances.</p>		
vii.	Proposed components & Estimated Cost			
	Sl.No.	Item	Amount (Rs.lakhs)	

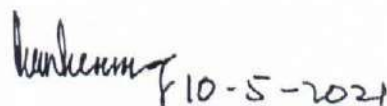


89813/2021/O/o US(NKS)

	1.	ALS Ambulance	25.00
		17 X 25.00	425.00
viii.	Physical targets and Benefits to be generated		
ix.	Project Duration	3 Months	
x.	Phasing	Phase	Physical
		Ist	May -July 2021 100%
xi.	Methods of Implementation	Procured by the Health Department.	
xii.	Status of Land	Not applicable	
xiii.	State of Preparedness	The State is ready to implement the project.	
xiv.	Maintenance	Health Department	
xv.	Justification for taking up the project	<p>The second wave of Covid-19 pandemic has affected the state more seriously and faster than the last year. In the last ten days, 2557 persons have become positive out of the total cases of 33,733 and more than 28 deaths out of the total death of 447.</p> <p>The state has developed two Covid-19 hospitals at RIMS and JNIMS, Covid Care Centers in 5 District hospital, 2 CHCs and other 9 centers in different districts and more than 742 patients are in these centers</p> <p>The requirement of transportation of patients and other emergency services is increasing day by day during this COVID crisis.</p>	
xvi.	Techno-economic Viability	Health Department has adequate manpower to run and manage the Ambulances	
Xvii.	Funding	The proposal is presented to MDoNER for funding from NESIDS	



Director of Health Services, Manipur


Principal Secretary (Health & FW)
Government of Manipur.

ANNEXURE-G

28th meeting of IMC/NESIDS Committee scheduled on 02.06.2021

I. CHECKLIST-CUM-AGENDA NOTE FOR RETENTION/SELECTION OF PROJECTS
 (to be submitted by Programme Division, MDoNER)

Agenda Item No.:		State: Manipur	
Name of Project: Infrastructure Development of Maternity & Child Hospital, Imphal East.			
Project Description/Summary (not exceeding 200 words): Establishing a 60 bedded Maternity & Child Hospital. At present, there is no separate Government run Maternity & Child Hospital in Manipur. By establishing Maternity & Child Hospital, it will be more beneficial and improve services to the mother and child and it will also help in decreasing the mortality and morbidity of mother and child.			
Stage 1: Selection/Sanction of the Project			
1	General Information		
1.1	Estimated Cost (as per concept note/Proposal) (Final/revised, which is under consideration)	Rs.4000.00 lakh	
1.2	Whether lying in backward areas	Not available	
1.3	Sector: (Physical infrastructure relating to _____ (Water supply/Power/Connectivity - mention as applicable or creation of infrastructure in social sector in the areas of _____ (Primary/Secondary Sectors of Education/Health - mention as applicable)	Health	
1.4	Project Linkages with Promotion of Tourism (not exceeding 100 words): Tourism potential: No		
1.5	Whether independent /new project or part of any other project of any other Ministry/SG/Agency, whether proposed, sanctioned or ongoing	Yes, it is a new project. The project is not proposed in any other Ministry.	
1.6	If the project involves O & M, staff components, post construction management, recurring expenses etc for its running/maintenance etc e.g.(e.g.running of a Hostel building), has the SG agreed to take care of these activities	The project will not involve recurring expenses.Health Department has adequate manpower to run the hospital.	
1.7	Broad Breakup of Major Components of the project Cost as per concept note	Breakup of Major Components of the projects as per Technical Note	
a	Construction of Maternity Block including Gynae Block & OT Block	25.00	
b	Construction of Children Block	10.00	

c	Construction of Type-II & III Quarters		1.50
d	Misc items		1.50
e	Equipments		2.00
	Total		40.00
1.7A	Out of above, SG's Contribution in the Project Cost, if any	Nil	
1.7B	Out of above, Contribution from any other Ministry/Agency in the Project Cost, if any	Nil	
1.8	Date of receipt of proposal/concept note from State Government (SG)		29.04.2021
1.9	Original		
1.10	Revised (if any)		
2	Is the project in question supported/coverable under any other scheme of Central or State Government	Not Available	
3	Normative allocation of SG and related details		
4	List of line Ministries/IFD/Technical Wing/others to whom circulated for comments along with dates of circulation and date of receipt of comments, if any:		
	Name of line Ministry/IFD/Technical Wing/Others	Date of sending for comments	Date of receipt of comments (if any)
	IFD, MDoNER	13.05.2021	No comments received till date
	Technical Wing, MDoNER	13.05.2021	17.05.2021
	Ministry of Health & Family Welfare	13.05.2021	No comments received till date
	Niti Aayog	13.05.2021	No comments received till date
5	Whether proposal has been accompanied with the following documents		
	(a) Concept Note	Yes. Concept paper is at p...../c	
	(b) Abstract of cost/Broad break up of costs	Yes, at p...../c	
	(c) Approval of CS	Yes.	
	(d) Any other (pl. specify)	Yes/No (relevant extract at page ____)	
6	Comments of line Ministries/IFD/Technical Wing/Others in brief (attached as per Annexure-__)		
7	Important observations/comments of Prog. Division		
	<p>Improving the well-being of mothers, infants, and children is an important public health goal for India. Their well-being determines the health of the next generation and can help predict future public health challenges for families, communities, and the health care system.</p> <p>After due scrutiny, the PD recommends the proposal for consideration in the IMC.</p>		

[Signature]
 (Dated Signature & Name of Under Secretary concerned)

[illegible]

Mr. Zuker

89892/2021/O/o US(NKS)

No. PLG2-301/2/2021-PLG-PLANNIG
Secretariat: Planning Department
Government of Manipur

Imphal, the 29th April, 2021

To,

Shri Saurabh Endley,
Joint Secretary, Ministry of DoNER
Vigyan Bhawan Annexe,
Maulana Azad Road, New Delhi-110011.

Subject: **Preparation and submission of prioritized list of projects for selection/sanction for the financial year 2020-21 under NESIDS.**

Sir,

In inviting a reference to M/o DoNER's letter No. NESIDS/6/2019-O/o DIR1(NLCPR) dated 16/03/2021 addressed to the Chief Secretary, Government of Manipur on the above subject, we are submitting herewith the following 9 (Nine) prioritized projects worth Rs 177.20 crore for the year 2021-22 for consideration under NESIDS. Concept papers for these proposals are also enclosed herewith.

Sl	Name of Project	Department	District	Cost (Rs in Cr)
1	Infrastructure Development of Maternity & Child Hospital	Health	Imphal East	40.00
2	Establishment of Trauma Care Centre at CHC Nungba	Health	Noney District	4.00
3	Establishment of Blood Bank at CHC Nungba	Health	Noney District	2.50
	Total (Health):			46.50
4	Construction of Road connectivity, water and power facilities at Dzuko valley, Senapati District, Manipur	Tourism	Senapati	29.33
5	Development of Infrastructure for road connectivity, water facilities, power supply at Lainingthou Sanamahi Shanglen, Wangol, Imphal West, Manipur	Tourism	Imphal West	20.00
6	Construction of Infrastructure for road connectivity, water and power facilities at the Sadhu Chiru waterfall, Kangpokpi District, Manipur	Tourism	Kangpokpi	20.36
7	Development of Infrastructure for road connectivity, water facilities, power supply at Gwarok Mahadeva Temple Complex, Thoubal District, Manipur	Tourism	Thoubal	20.07
8	Development of Infrastructure for road connectivity, water and power facilities at Vishnu Temple Complex, Bishnupur District, Manipur	Tourism	Bishnupur	20.01
9	Infrastructure development of road connectivity, water facilities, power supply at Sanamahi Kiyong, Imphal East District, Manipur	Tourism	Imphal East	20.93
	Total (Tourism):			130.70
	Grand Total:			177.20

2. This issues with the approval of the Competent Authority.

Encl: As stated.

Yours Faithfully,

N. Kulkarani Devi
(N. Kulkarani Devi)
Director (Planning)

29/4/2021


Copy to:

1. Secretary to Chief Minister, Manipur
2. S.O. to Chief Secretary, Govt. of Manipur
3. Commissioner (Planning), Govt. of Manipur

89892/2021/O/o US(NKS)

CONCEPT PAPER

Sl.No.	ITEMS	DETAILED INFORMATION																					
A.	General Information																						
i.	Name of the project	Infrastructure Development of Maternity & Child Hospital, Imphal East.																					
ii.	Location of the Project	Imphal East District, Manipur																					
iii.	Coordinates	Longitude 93.9674 ° E Latitude 24.7807 ° N																					
iv.	Approximate estimated cost of the project	Rs.40.00 Crores																					
v.	Introduction	The proposed project is to establish a 60-Bedded Maternity & Child Hospital. At present there is no separate Government run Maternity & Child Hospital in Manipur. By establishing Maternity & Child Hospital it will be more beneficial and improve services to the mother and child and it will also help in decreasing the mortality and morbidity of mother and child.																					
vi.	Objectives of the project	<ul style="list-style-type: none"> To cater to the large populace of woman and children. To improve the health care service to mother & their child To decrease mortality and morbidity and child Improve socio-economic condition of the people 																					
vii.	Present Status	Imphal East district does not have a Maternity Hospital. However, the government has resolved to establish the hospital as soon as possible and the site of the hospital has been identified, and secured for the purpose.																					
viii.	Proposed components & Estimated Cost	<table> <tr> <th>Sl.No</th><th>Items</th><th>Amounts</th></tr> <tr> <td>1.</td><td>Constn. of Maternity Block including Gynae Block & OT Block including Blood Bank</td><td>Rs.25.00 Crores</td></tr> <tr> <td>2.</td><td>Constn. of Children block</td><td>Rs.10.00 Crore</td></tr> <tr> <td>3.</td><td>Constn. of Type-II & III Quarters</td><td>Rs. 1.50 Crores</td></tr> <tr> <td>4.</td><td>Misc items</td><td>Rs. 1.50 Crores</td></tr> <tr> <td>5.</td><td>Equipments</td><td>Rs. 2.00 Crores</td></tr> <tr> <td></td><td>TOTAL :</td><td>Rs.40.00 Crores</td></tr> </table>	Sl.No	Items	Amounts	1.	Constn. of Maternity Block including Gynae Block & OT Block including Blood Bank	Rs.25.00 Crores	2.	Constn. of Children block	Rs.10.00 Crore	3.	Constn. of Type-II & III Quarters	Rs. 1.50 Crores	4.	Misc items	Rs. 1.50 Crores	5.	Equipments	Rs. 2.00 Crores		TOTAL :	Rs.40.00 Crores
Sl.No	Items	Amounts																					
1.	Constn. of Maternity Block including Gynae Block & OT Block including Blood Bank	Rs.25.00 Crores																					
2.	Constn. of Children block	Rs.10.00 Crore																					
3.	Constn. of Type-II & III Quarters	Rs. 1.50 Crores																					
4.	Misc items	Rs. 1.50 Crores																					
5.	Equipments	Rs. 2.00 Crores																					
	TOTAL :	Rs.40.00 Crores																					
ix.	Physical targets and Benefits to be generated	The population of the district will have facility for effective secondary health care which has been a long felt need. The service will be made available in their own environment. It will shorten the transport time of patients for specialist care and reduce ancillary treatment expenses considerably.																					
x.	Project Duration	24 Months																					
xi.	Phasing	<table> <tr> <th>Phase</th><th>Year</th><th>Physical</th></tr> <tr> <td>1st Year</td><td>2021 - 2022</td><td>40%</td></tr> <tr> <td>2nd Year</td><td>2022- 2023</td><td>60%</td></tr> </table>	Phase	Year	Physical	1 st Year	2021 - 2022	40%	2 nd Year	2022- 2023	60%												
Phase	Year	Physical																					
1 st Year	2021 - 2022	40%																					
2 nd Year	2022- 2023	60%																					
xii.	Methods of Implementation	By entrusting to an appropriate engineering agency decided by the government																					
xiii.	Status of Land	Land is available																					



 Director of Health Services
 Govt. of Manipur

89892/2021/O/o US(NKS)

xiv.	State of Preparedness	The State is ready to implement the project, if approved. The project will not cause damage to the ecological balance and forest
xv.	Maintenance	On completion the maintenance of the hospital will be done by the government
xvi.	Justification for taking up the project	Each year many woman, new born and children dies from many preventable causes and many women dies due to complications of pregnancy and child birth including severe bleeding after child birth, infections, hypertensive disorders and unsafe abortion. In 2011 globally 43% of all under – five deaths occurred during the 1 st month of life and everyday more than 72% of under five deaths occurred with the 1 st year of life. Here in Manipur it is not an exception of this fact. By establishing a purely Maternity & Child Hospital a large population of women & child can get specialized health care from expert personnel at free of cost by avoiding visit at private hospitals and will help in decreasing morbidity of mother and child.
xvii.	Techno-Economic Viability	Health Department has adequate manpower to run the hospital
Xviii.	Funding	The proposal is presented to Ministry of DoNER for funding from NESIDS



Director of Health Services
Govt of Manipur



Principal Secy. (Health.....)
Government of Manipur

ANNEXURE-H

28th meeting of IMC/NESIDS Committee scheduled on 02.06.2021

I. CHECKLIST-CUM-AGENDA NOTE FOR RETENTION/SELECTION OF PROJECTS
(to be submitted by Programme Division, MDoNER)

Agenda Item No.:

State: Manipur

Name of Project: Establishment of Trauma Care Centre at CHC Nungba, Noney District.

Project Description/Summary (not exceeding 200 words): The proposal aims at decreasing morbidities and mortalities arising from road traffic accidents on highway. There are three National highways in the State. Many light and heavy vehicles are plying through highway for many economic purposes and accidents are very prone to highway because of hilly and difficult terrain. So there is the need for establishment of Trauma Care Centre in the State.

Stage 1: Selection/Sanction of the Project

1	General Information	
1.1	Estimated Cost (as per concept note/Proposal) (Final/revised, which is under consideration)	Rs.400.00 lakh
1.2	Whether lying in backward areas	yes
1.3	Sector: (Physical infrastructure relating to _____ (Water supply/Power/Connectivity - mention as applicable or creation of infrastructure in social sector in the areas of _____ (Primary/Secondary Sectors of Education/Health - mention as applicable)	Health infrastructure
1.4	Project Linkages with Promotion of Tourism (not exceeding 100 words): Tourism potential: No	
1.5	Whether independent /new project or part of any other project of any other Ministry/SG/Agency, whether proposed, sanctioned or ongoing	Yes, it is a new project. The project is not proposed in any other Ministry.

1.6	If the project involves O & M, staff components, post construction management, recurring expenses etc for its running/maintenance etc e.g.(e.g.running of a Hostal building), has the SG agreed to take care of these activities	The project will not involve recurring expenses. Health Department has adequate manpower to run the hospital.	
1.7	Broad Breakup of Major Components of the project Cost as per concept note	Breakup of Major Components of the projects as per Concept Note (figure in lakhs)	
a	Building	150.00	
b	Equipments	250.00	
	Total	400.00	
1.7A	Out of above, SG's Contribution in the Project Cost, if any		Nil
1.7B	Out of above, Contribution from any other Ministry/Agency in the Project Cost, if any		Nil
1.8	Date of receipt of proposal/concept note from State Government (SG)		29.04.2021
1.9	Original		
1.10	Revised (if any)		
2	Is the project in question supported/coverable under any other scheme of Central or State Government		Not Available
3	Normative allocation of SG and related details		
4	List of line Ministries/IFD/Technical Wing/others to whom circulated for comments along with		
	Name of line Ministry/IFD/Technical Wing/Others	Date of sending for comments	Date of receipt of comments (if any)
	IFD, MDoNER	11.05.2021	No comments received till date
	Technical Wing, MDoNER	11.05.2021	17.05.2021
	Ministry of Health & Family Welfare	11.05.2021	No comments received till date
	Niti Aayog	11.05.2021	No comments received till date
5	Whether proposal has been accompanied with the following documents		

	(a) Concept Note	Yes. Concept paper is at p...../c	
	(b) Abstract of cost/Broad break up of costs	Yes, at p...../c	
	(c) Approval of CS	Yes.	
	(d) Any other (pl. specify)	Yes/No (relevant extract at page ____)	
6	Comments of line Ministries/IFD/Technical Wing/Others in brief (attached as per Annexure-__)		
7	Important observations/comments of Prog. Division		
	<p>It is a fact that just 1% of the world's vehicles, India accounts for 11% of the global death in road accidents, the highest in the world. Under the Ministry of Health & Family Welfare's for Capacity building of Developing Trauma Care Centre Facilities at national highways for every 100 km. Therefore, on the NHs there is need to establish Trauma Care Centre.</p> <p>After due scrutiny, the PD recommends the proposal for consideration in the IMC.</p>		

(Signature)
 (Dated Signature & Name of
 Under Secretary concerned)

Annexure-2

Ar. Zahra

89892/2021/O/o US(NKS)

No. PLG2-301/2/2021-PLG-PLANNIG
Secretariat: Planning Department
Government of Manipur

Imphal, the 29th April, 2021

To,

Shri Saurabh Endley,
Joint Secretary, Ministry of DoNER
Vigyan Bhawan Annexe,
Maulana Azad Road, New Delhi-110011.

Subject: Preparation and submission of prioritized list of projects for selection/sanction for the financial year 2020-21 under NESIDS.

Sir,

In inviting a reference to M/o DoNER's letter No. NESIDS/6/2019-O/o DIR1(NLCPR) dated 16/03/2021 addressed to the Chief Secretary, Government of Manipur on the above subject, we are submitting herewith the following 9 (Nine) prioritized projects worth Rs 177.20 crore for the year 2021-22 for consideration under NESIDS. Concept papers for these proposals are also enclosed herewith.

Sl	Name of Project	Department	District	Cost (Rs in Cr)
1	Infrastructure Development of Maternity & Child Hospital	Health	Imphal East	40.00
2	Establishment of Trauma Care Centre at CHC Nungba	Health	Noney District	4.00
3	Establishment of Blood Bank at CHC Nungba	Health	Noney District	2.50
Total (Health):				46.50
4	Construction of Road connectivity, water and power facilities at Dzuko valley, Senapati District, Manipur	Tourism	Senapati	29.33
5	Development of Infrastructure for road connectivity, water facilities, power supply at Lainingthou Sanamahi Shanglen, Wangol, Imphal West, Manipur	Tourism	Imphal West	20.00
6	Construction of Infrastructure for road connectivity, water and power facilities at the Sadhu Chiru waterfall, Kangpokpi District, Manipur	Tourism	Kangpokpi	20.36
7	Development of Infrastructure for road connectivity, water facilities, power supply at Gwarok Mahadeva Temple Complex, Thoubal District, Manipur	Tourism	Thoubal	20.07
8	Development of Infrastructure for road connectivity, water and power facilities at Vishnu Temple Complex, Bishnupur District, Manipur	Tourism	Bishnupur	20.01
9	Infrastructure development of road connectivity, water facilities, power supply at Sanamahi Kiyong, Imphal East District, Manipur	Tourism	Imphal East	20.93
Total (Tourism):				130.70
Grand Total:				177.20

2. This issues with the approval of the Competent Authority.

Encl: As stated.

Yours Faithfully,

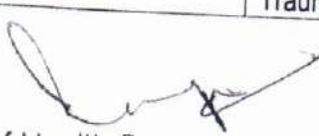
N. Kulkarani Devi
(N. Kulkarani Devi)
Director (Planning)
29/4/2021

Copy to:

1. Secretary to Chief Minister, Manipur
2. S.O. to Chief Secretary, Govt. of Manipur
3. Commissioner (Planning), Govt. of Manipur

CONCEPT PAPER


Sl.No.	ITEMS	DETAILED INFORMATION
A.	General Information	
1.	Name of the project	Establishment of Trauma Care Centre at CHC Nungba, Noney District
2.	Location of the Project	Noney District, Manipur
3.	Coordinates	Longitude 93.4333 ° E Latitude 24.7500 ° N
4.	Approximate estimated cost of the project	Rs.400.00 lakhs
5.	Introduction	<p>There are three National Highways which passes through different Districts of the State. National Highway No.102 has a stretch of 219 km. in the State running from Mao in the extreme north of Manipur to the International border town of Moreh in the south east through Imphal, the capital city and Thoubal District (Construction of Trauma Care Centre at District Hospital Thoubal has already been completed). Another road of considerable economic importance is National Highway No.37 which is 225 km. connecting Imphal to Jiribam in Manipur - Assam Border. National Highway No.150 is the third in the State which runs from Aizwal, Capital of Mizoram to Kohima, the capital of Nagaland which is 523 km. long. Imphal Jiribam road i.e. NH - 37 passes through 4 Districts of Manipur i.e. Kangpokpi, Noney, Tamenglong and Jiribam Districts and many light and heavy vehicles are plying through this highway for many economic purposes and accidents are very prone to this highway because of hilly and difficult terrain. So there is the need for establishment of Trauma Care Centre at Noney District preferably at Nungba CHC.</p>
6.	Objectives of the Proposal	<p>1.To decrease morbidities and mortalities arising from road traffic accidents in this highway.</p> <p>2.Under the Ministry of Health & Family Welfare's Scheme for Capacity Building for Developing Trauma Care Centre Facilities at National Highways for every 100 km. on the NHs, there is the need for establishment of Trauma Care Centre at Noney District preferably at Nungba CHC.</p>
7.	Present Status	<p>There is no Trauma Care Centre on National Highway No.37 at present and Nungba being about 110 km. from Imphal it is ideal site for establishment of Trauma Care Centre at CHC Nungba.</p>




Director of Health Services
Govt of Manipur

89894/2021/O/o US(NKS)

8.	Proposed components & Estimated Cost	Building - Rs.150.00 lakhs Equipment - Rs.250.00 lakhs Total : Rs.400.00 lakhs									
9.	Benefits quantified in terms of population and other parameters	There will be saving of lives from major road traffic accidents thereby decreasing the morbidity and mortality from RTA.									
10.	Project Duration	24 Months									
11.	Financial and physical phasing, time frame.	<table border="1"> <thead> <tr> <th>Phase</th><th>Year</th><th>Physical</th></tr> </thead> <tbody> <tr> <td>1st Year</td><td>2021 - 2022</td><td>40%</td></tr> <tr> <td>2nd Year</td><td>2022- 2023</td><td>60%</td></tr> </tbody> </table>	Phase	Year	Physical	1 st Year	2021 - 2022	40%	2 nd Year	2022- 2023	60%
Phase	Year	Physical									
1 st Year	2021 - 2022	40%									
2 nd Year	2022- 2023	60%									
12.	Methods of Implementation	By entrusting to an appropriate Work Agency, a PSU of the State Government									
13.	Status of Land	Land is available near the existing site of CHC Nungba of 60 x 60 sq.feet									
14.	State of Preparedness	The State is ready to implement the project, if approved. The project will not cause damage to the ecological balance and forest									
15.	Maintenance	On completion the maintenance of the TCC will be done by the Health Department, Manipur.									
16.	Justification for taking up the project	1.To decrease morbidities and mortalities arising from road traffic accident. 2. Under the Ministry of Health & Family Welfare's Scheme for Capacity Building for Developing Trauma Care Centre Facilities at National Highways for every 100 km. on the NHs, there is the need for establishment of Trauma Care Centre at Noney District preferably at Nungba CHC.									
17.	Techno-economic Viability	The State Health Department has adequate manpower to run the Trauma Care Centre.									
18.	Funding	The proposal is presented to Ministry of DoNER for funding from NESIDS									


 Director of Health Services
 Govt of Manipur


 Principal Secy. (Health)
 Government of Manipur

ANNEXURE-I

28th meeting of IMC/NESIDS Committee scheduled on 02.06.2021

I. CHECKLIST-CUM-AGENDA NOTE FOR RETENTION/SELECTION OF PROJECTS
(to be submitted by Programme Division, MDoNER)

Agenda Item No.:

State: Manipur

Name of Project: Establishment of Blood Bank at CHC Nungba, Noney District.

Project Description/Summary (not exceeding 200 words): No Blood bank is established in any of the Health Centres located on highway. In the time of emergency cases requiring major surgery many patients are referred to Imphal whenever blood transfusion is required. So there is the need for establishment of Blood bank on this highway and Nungba being located around 110 km. from Imphal, Nungba CHC is the ideal site for establishment of Blood Bank.

Stage 1: Selection/Sanction of the Project

1 General Information

1.1 Estimated Cost (as per concept note/Proposal) (Final/revised, which is under consideration) Rs.250.00 lakh

1.2 Whether lying in backward areas yes

1.3 Sector: (Physical infrastructure relating to _____ (Water supply/Power/Connectivity - mention as applicable or creation of infrastructure in social sector in the areas of _____ (Primary/Secondary Sectors of Education/Health - mention as applicable)) Health infrastructure

1.4 Project Linkages with Promotion of Tourism (not exceeding 100 words):

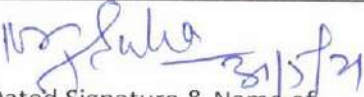
Tourism potential: No

1.5 Whether independent /new project or part of any other project of any other Ministry/SG/Agency, whether proposed, sanctioned or ongoing Yes, it is a new project. The project is not proposed in any other Ministry.

1.6 If the project involves O & M, staff components, post construction management, recurring expenses etc for its running/maintenance etc e.g.(e.g.running of a Hostal building), has the SG agreed to take care of these activities The State Health Department has adequate manpower to run the Blood Bank.

1.7	Broad Breakup of Major Components of the project Cost as per concept note	Breakup of Major Components of the projects as per Concept Note (figure in lakhs)	
a	Building		
b	Equipments		100.00
	Total		150.00
1.7A	Out of above, SG's Contribution in the Project Cost, if any		250.00
1.7B	Out of above, Contribution from any other Ministry/Agency in the Project Cost, if any		Nil
1.8	Date of receipt of proposal/concept note from State Government (SG)		29.04.2021
1.9	Original		
1.10	Revised (if any)		
2	Is the project in question supported/coverable under any other scheme of Central or State Government		No
3	Normative allocation of SG and related details		
4	List of line Ministries/IFD/Technical Wing/others to whom circulated for comments along with dates of		
	Name of line Ministry/IFD/Technical Wing/Others	Date of sending for comments	Date of receipt of comments (if any)
	IFD, MDoNER	11.05.2021	No comments received till date
	Technical Wing, MDoNER	11.05.2021	17.05.2021
	Ministry of Health & Family Welfare	11.05.2021	No comments received till date
	Niti Aayog	11.05.2021	No comments received till date
5	Whether proposal has been accompanied with the following documents		
	(a) Concept Note	Yes. Concept paper is at p...../c	
	(b) Abstract of cost/Broad break up of costs	Yes, at p...../c	
	(c) Approval of CS	Yes.	
	(d) Any other (pl. specify)	Yes/No (relevant extract at page ____)	
6	Comments of line Ministries/IFD/Technical Wing/Others in brief (attached as per Annexure-__)		

7	Important observations/comments of Prog. Division
	<p>There will be saving of lives from major traffice accidents requiring blood transfusion and also may patients requiring major surgeries and blood transfusion. Blood Bank is beneficial for the donor as well as the acceptor. It saves lives and helps people overcome their critical situation.</p> <p>After due scrutiny, the PD recommends the proposal for consideration in the IMC.</p>


(Dated Signature & Name of
Under Secretary concerned)

Annexure-2

W. J. Salter

89892/2021/O/o US(NKS)

No. PLG2-301/2/2021-PLG-PLANNIG
Secretariat: Planning Department
Government of Manipur

Imphal, the 29th April, 2021

To,

Shri Saurabh Endley,
Joint Secretary, Ministry of DoNER
Vigyan Bhawan Annexe,
Maulana Azad Road, New Delhi-110011.

Subject: Preparation and submission of prioritized list of projects for selection/sanction for the financial year 2020-21 under NESIDS.

Sir,

In inviting a reference to M/o DoNER's letter No. NESIDS/6/2019-O/o DIR1(NLCPR) dated 16/03/2021 addressed to the Chief Secretary, Government of Manipur on the above subject, we are submitting herewith the following 9 (Nine) prioritized projects worth Rs 177.20 crore for the year 2021-22 for consideration under NESIDS. Concept papers for these proposals are also enclosed herewith.

Sl	Name of Project	Department	District	Cost (Rs in Cr)
1	Infrastructure Development of Maternity & Child Hospital	Health	Imphal East	40.00
2	Establishment of Trauma Care Centre at CHC Nungba	Health	Noney District	4.00
3	Establishment of Blood Bank at CHC Nungba	Health	Noney District	2.50
Total (Health):				46.50
4	Construction of Road connectivity, water and power facilities at Dzuko valley, Senapati District, Manipur	Tourism	Senapati	29.33
5	Development of Infrastructure for road connectivity, water facilities, power supply at Lainingthou Sanamahi Shanglen, Wangoi, Imphal West, Manipur	Tourism	Imphal West	20.00
6	Construction of Infrastructure for road connectivity, water and power facilities at the Sadhu Chiru waterfall, Kangpokpi District, Manipur	Tourism	Kangpokpi	20.36
7	Development of Infrastructure for road connectivity, water facilities, power supply at Gwarok Mahadeva Temple Complex, Thoubal District, Manipur	Tourism	Thoubal	20.07
8	Development of Infrastructure for road connectivity, water and power facilities at Vishnu Temple Complex, Bishnupur District, Manipur	Tourism	Bishnupur	20.01
9	Infrastructure development of road connectivity, water facilities, power supply at Sanamahi Kiyong, Imphal East District, Manipur	Tourism	Imphal East	20.93
Total (Tourism):				130.70
Grand Total:				177.20

2. This issues with the approval of the Competent Authority.

End: As stated.

Yours Faithfully,

N. Kulkarani Devi
(N. Kulkarani Devi)
Director (Planning)
29/4/2021

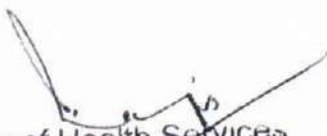
Copy to:

1. Secretary to Chief Minister, Manipur
2. S.O. to Chief Secretary, Govt. of Manipur
3. Commissioner (Planning), Govt. of Manipur

89892/2021/O/o US(NKS)

CONCEPT PAPER


Sl.No.	ITEMS	DETAILED INFORMATION
A.	General Information	
1.	Name of the project	Establishment of Blood Bank at CHC Nungba, Noney District
2.	Location of the Project	Noney District, Manipur
3.	Coordinates	Longitude 93.4333 ° E Latitude 24.7500 ° N
4.	Approximate estimated cost of the project	Rs.250.00 lakhs
5.	Introduction	There are 3 (three) National Highways which passes through different Districts of the State. Out of the three NHs. National Highway No. 37 is about 225 km. connecting Imphal to Jiribam in Manipur - Assam Border. Imphal Jiribam road, NH – 37 passes through 4 districts of Manipur i.e. Kangpokpi, Noney, Tamenglong and Jiribam Districts and many light and heavy vehicles are plying through this highway for many economic purposes and accidents are very prone to this highway because of hilly and difficult terrain. Moreover in times of emergency cases requiring major surgery many patients are referred to Imphal whenever blood transfusion is required. At present there is no Blood Bank established in any of the Health Centres located on this highway. So there is the need for establishment of Blood Bank on this highway and Nungba being located around 110 km. from Imphal, Nungba CHC is the ideal site for establishment of a Blood Bank.
6.	Objectives of the Proposal	1.To decrease morbidities and mortalities arising from road traffic accidents in this highway. 2.To decrease morbidities and mortalities arising from acute blood loss thus saving lives from conditions like post partum haemorrhage, severe accidents causing severe blood loss and major Gastro-intestinal bleeds.
7.	Present Status	There is no Blood Bank established on National Highway No.37 at present and Nungba being about 110 km. from Imphal it is the ideal site for establishment of Blood Bank preferably at Nungba CHC.


 Director of Health Services
 Govt of Manipur

89892/2021/O/o US(NKS)

8.	Proposed components & Estimated Cost	Building - Rs.100.00 lakhs Equipment - Rs.150.00 lakhs Total : Rs.250.00 lakhs									
9.	Benefits quantified in terms of population and other parameters	There will be saving of lives from major traffic accidents requiring blood transfusion and also many patients requiring major surgeries and blood transfusion.									
10.	Project Duration	24 Months									
11.	Financial and physical phasing, time frame.	<table> <tr> <th>Phase</th><th>Year</th><th>Physical</th></tr> <tr> <td>1st Year</td><td>2021 - 2022</td><td>40%</td></tr> <tr> <td>2nd Year</td><td>2022- 2023</td><td>60%</td></tr> </table>	Phase	Year	Physical	1 st Year	2021 - 2022	40%	2 nd Year	2022- 2023	60%
Phase	Year	Physical									
1 st Year	2021 - 2022	40%									
2 nd Year	2022- 2023	60%									
12.	Methods of Implementation	By entrusting to an appropriate Work Agency, a PSU of the State Government									
13.	Status of Land	Land is available at the existing site of CHC Nungba									
14.	State of Preparedness	The State is ready to implement the project, if approved. The project will not cause damage to the ecological balance and forest									
15.	Maintenance	On completion the maintenance of the Blood Bank will be done by the Health Department, Manipur.									
16.	Justification for taking up the project	1.To decrease morbidities and mortalities arising from road traffic accidents in this highway. 2.To decrease morbidities and mortalities arising from acute blood loss those saving lives from post partum haemorrhage, severe accidents causing severe blood loss and major Gastro-intestinal bleeds.									
17.	Techno-economic Viability	The State Health Department has adequate manpower to run the Blood Bank.									
18.	Funding	The proposal is presented to Ministry of DoNER for funding from NESIDS									


Director of Health Services
Govt of Manipur


Principal Secy. (Health)
Government of Manipur

ANNEXURE-J28th meeting of IMC/NESIDS Committee scheduled on 02.06.2021**I. CHECKLIST-CUM-AGENDA NOTE FOR RETENTION/SELECTION OF PROJECTS**
(to be submitted by Programme Division, MDoNER)

Agenda Item No.:		State: Meghalaya	
Name of Project: Procurement of Advance Life Support (ALS) Ambulances with Equipment.			
Project Description/Summary:- The project proposal is for Procurement of Advance Life Support (ALS) Ambulances in the state of Meghalaya. Advance Life Support (ALS) Ambulance are very crucial in stabilizing and saving lives as they are equipped with Airway Support Equipment, Cardiac Life Support, Cardiac monitors as well as glucose testing devices with required medications.			
Stage 1: Selection/Sanction of the Project			
1	General Information		
1.1	Estimated Cost (as per concept note/Proposal) (Final/revised, which is under consideration)	Rs. 5.15 crore	
1.2	Whether lying in backward areas	Not mentioned in the concept paper	
1.3	Sector: (Physical infrastructure relating to _____ (Water supply/Power/Connectivity - mention as applicable or creation of infrastructure in social sector in the areas of _____ (Primary/Secondary Sectors of Education/Health - mention as applicable)	Health	
1.4	Project Linkages with Promotion of Tourism (not exceeding 100 words):		
	Not applicable		
1.5	Whether independent/new project or part of any other project of any other Ministry/SG/Agency, whether proposed, sanctioned or ongoing	Yes/No, if Yes, describe briefly	Not mentioned in the concept paper
1.6	If the project involves O & M, staff components, post construction management, recurring expenses etc for its running/maintenance etc e.g.(e.g.running of a Hostel building), has the SG agreed to take care of these activities		Not mentioned in the concept paper

1.7	Broad Breakup of Major Components of the project Cost as per concept note			
	Description of items	Unit cost (in Rupees)	Total units	Cost (in Rupees)
i)	FORCE TRAVELLER (ALS Ambulances -D type)	23,00,000	11	25300000
ii)	Equipment (Ventilators, AEDs etc)	14,00,000	11	15400000
iii)	Equipment (Ventilators, AEDs etc)	9,00,000	12	10800000
				51500000
say 5.15 crore				
1.7A	Out of above, SG's Contribution in the Project Cost, if any			Not mentioned in the concept paper
1.7B	Out of above, Contribution from any other Ministry/Agency in the Project Cost, if any	Not mentioned in the concept paper		
1.8	Date of receipt of proposal/concept note from State Government (SG)			-
1.9	Original			24.05.2021
1.1	Revised (if any)			
2	Is the project in question supported/coverable under any other scheme of Central or State Government	Not mentioned in the concept paper		
3	Normative allocation of SG and related details	-		
4	List of line Ministries/IFD/Technical Wing/others to whom circulated for comments along with dates of circulation and date of receipt of comments, if any:			
	Name of line Ministry/IFD/Technical Wing/Others	Date of sending for comments	Date of receipt of comments (if any)	
	IFD, MDoNER			
	Technical Wing			
	Ministry of Health and Family welfare			
	NITI Aayog			
5	Whether proposal has been accompanied with the following documents			
	(a) Concept Note	Yes	Copy of concept note is annexed.	
	b) Abstract of cost/Broad break up of costs	Yes	Yes, included in the Concept Note	

	(c) Approval of CS	Yes	Forwarded by Planning Department after approval of CS
	(d) Any other (pl. specify)	NA	-
6	Comments of line Ministries/IFD/Technical Wing/Others in brief - (to be attached as per Annexure)		
7	Important observations/comments of Prog. Division:- The proposal is for strengthening Health Infrastructure in the State of Meghalaya. After due scrutiny, the PD recommends the proposal for consideration in the IMC		
8	This issues with the approval of JS of Programme Division.		

Date:-


31.5.21.
Signature & Name and Designation of Authorised
Officer of Programme Division

Comments of consulted line Ministries/IFD/Technical Wing, MDoNER

Wyzłuka

GOVERNMENT OF MEGHALAYA
PLANNING DEPARTMENT

No.PLR.45/2021/17

Dated Shillong, the 24th May, 2021

To: The Joint Secretary,
Ministry of Development of North Eastern Region,
Vigyan Bhawan Annexe, Maulana Azad Road,
New Delhi - 110011

Subject: Proposal for funding under NESIDS for Strengthening of Health
Infrastructure in Meghalaya

Sir,

I am directed to refer to D.O. No.NESIDS/6/20219-0/o DIR1(NLCPR) dated 20-05-2021 on the above mentioned subject and to submit herewith the proposal for Procurement of Advance Life Support (ALS) Ambulances at a total cost of ₹ 5.15 crore for kind consideration of the Ministry of DoNER. The concept note of the proposal is also enclosed herewith.

This has the approval of the Chief Secretary, Government of Meghalaya.

Enclo.: As above.

Yours faithfully,



(R. Lyngdoh)

Officer on Special Duty & ex-officio
Secretary to the Govt. of Meghalaya,
Planning Department

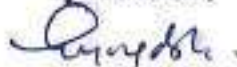
Memo No.PLR.45/2021/17-A

Dated Shillong, the 24th May, 2021

Copy to:

1. P.S. to the Chief Secretary, Govt. of Meghalaya, Shillong for kind information of the Chief Secretary.
2. The Principal Secretary to the Govt. of Meghalaya, Health & Family Welfare Department, Shillong for kind information.

By order etc.,



Officer on Special Duty & ex-officio
Secretary to the Govt. of Meghalaya,
Planning Department

Meghalaya Emergency Response Service (ERS)/

“Dial 108” Ambulance Services

An Overview

1.0 Introduction

Government of Meghalaya, Health & Family Welfare Department through National Health Mission, Meghalaya in partnership with GVK EMRI is implementing the pan State Emergency Response Service (ERS) Operations with one Emergency Response Centre (ERC) under the purview of the “Dial-108” Ambulance Service platform.

The current coverage of GVK EMRI services is 65909 per ambulance across eleven districts (according to 2011 census) with a fleet of 48 ambulances which includes 5 backup ambulances. The ambulances are distributed across 43 locations across all districts of the state. They are EKH – 12, WKH – 5, SWKH – 2, WJH – 4, EJH – 1, Ri-Bhoi – 6, WGH – 6, EGH – 1, NGH – 2, SWGH – 2, SGH – 2. Initially, out of the total fleet of 48 Ambulances, **36 are Basic Life Support (BLS)** Ambulances and **12 are Advance Life Support (ALS)** Ambulance. However, due to the equipment being inoperative such as the Automatic External Defibrillator (AEDs) and Ventilator, the ALS Ambulances are now functioning as **Intermediate Life Support (ILS)** Ambulance which is essentially a Basic Life Support Ambulance (BLS) with a moderately expanded skill set and equipment.

Additionally, National Highways & Infrastructure Development Corporation Ltd (NHIDCL) recently donated 2 (two) Advance Intermediate Life Support (ILS) Ambulance which are equipped with Automatic stretcher, portable and fitted oxygen device, Oximeter, Blood Pressure monitor, Automatic External Defibrillator (AEDs), Kendrick Extrication Device (KED), Hydraulic Cutter/ Spreader for Road Traffic Accidents and trauma cases, two way radio, Automatic Vehicle Tracker with GPS, intercom and video cameras etc. These two ambulances will add to the existing fleet of “Dial-108” ambulances and are to be placed at strategic locations along National Highway-40 (Shillong Dawki) and National Highway-51 (Tura Dalu). However, due to sudden surge of COVID-19 Cases in the State these ambulances will be used to cater to COVID related cases specifically in East Khasi Hills.

Since the inception of the COVID-19 Pandemic, the ERS Ambulances (GVK EMRI) have been very instrumental in which majority of the cases in the State were catered. The number of COVID cases catered can be seen as follows:

District	March, 2020	April, 2020	May, 2020	June, 2020	July, 2020	Aug, 2020	Sept, 2020	Oct, 2020	Nov, 2020	Dec, 2020	Jan, 2021	Feb, 2021	March, 2021	April, 2021	Total Till Date
East Jaintia Hills	0	1	6	11	19	12	20	13	10	2	0	0	0	19	113
West Jaintia Hills	1	4	20	22	28	9	33	101	36	23	1	4	0	24	306
East Khasi Hills	11	132	53	133	314	418	657	432	145	81	35	35	8	230	2684
West Khasi Hills	1	1	2	1	31	6	20	5	1	7	0	0	0	7	82
South West Khasi Hills	0	0	0	2	0	2	1	2	1	0	0	0	0	0	8
Ri Bhoi District	4	70	28	47	150	203	275	145	65	44	11	5	13	85	1145
North Garo Hills	0	0	34	7	6	16	5	0	0	0	0	0	0	0	68
East Garo Hills	0	10	12	3	0	4	1	4	3	2	0	0	0	0	39
South Garo Hills	0	0	2	1	1	2	4	0	1	2	0	0	0	0	13
South West Garo Hills	0	0	0	0	1	0	1	0	0	0	0	0	0	1	3
West Garo Hills	1	5	34	7	29	94	171	110	67	23	3	1	0	11	556
Total Month Wise	18	223	191	234	579	766	1188	812	329	184	50	45	21	377	5017

Ventilators are crucial in saving lives if the social distancing measures and the community lockdown don't stem the flow of patients into critical care from coronavirus. Due to the topography, distance and inaccessibility, referring critical patients from various districts to a higher referral unit such as NEIGRIHMS, Private Hospitals in Shillong becomes a challenge. With the increasing number of coronavirus patients, the prevalence of ambulance ventilators would assist in tiding down the pressure on hospitals with limited beds on ventilators and stabilize the patient till they reach the referral unit.

Advance Life Support (ALS) Ambulance are very crucial in stabilizing and saving lives as they are equipped with Airway Support Equipment, Cardiac Life Support, Cardiac monitors as well as glucose testing devices with required medications. The patients in an ALS ambulance require a higher level of medical monitoring and include those who need chronic ventilator and cardiac monitoring etc. Therefore, availability of ALS Ambulance at each and every district is paramount for assisting the State in addressing not just with the coronavirus cases but also on other critical cases in the state.

Proposal for procuring Advance Life Support (ALS) Ambulance with Equipment:

Sl. No	Particulars	Unit Cost (approx.)	Quantity	Total Cost	Remarks
1.	FORCE TRAVELLER (ALS Ambulance –D Type)	Rs.23,00,000/-	11	Rs.2,53,00,000/-	
2.	Equipment (Ventilators, AEDs etc)	Rs.14,00,000/-	11	Rs.1,54,00,000/-	
3.	Equipment (Ventilators & AEDs)	Rs.9,00,000/-	12	Rs.1,08,00,000/-	For existing 12 ALS Amby
TOTAL CAPEX COST				Rs.5,15,00,000/-	

(Rupees Five Crores and Fifteen Lakhs Only)

TRAVELLER AMBULANCE



India's Most Trusted Ambulance

Fully Factory Built Ambulance Range | Complies with National Ambulance Code



NEW MORE
POWERFUL ENGINE



SUPERIOR
PERFORMANCE



TOP CLASS
SAFETY



EXCELLENT
RELIABILITY



TRAVELLER

AMBULANCE



SALIENT FEATURES

The first sixty minutes after a traumatic injury is very critical and is known as the **Golden Hour**. The likelihood of survival of a patient is highest if treatment starts within the golden hour and this is where Traveller Ambulances comes into play.

Powered by Mercedes derived engines offering best in class power and torque, the Traveller Ambulances reach the site first and help save precious lives. The sturdy rigid front axle, highest ground clearance and rear wheel drive enables Traveller to negotiate even the roughest rural roads effortlessly.

Force Motors is the only company with in-house capability to manufacture all three types of Ambulance range complying with the National Ambulance Code. On account of its proven performance, reliability and durability Traveller is not only India's most trusted Ambulance but also the market leader.

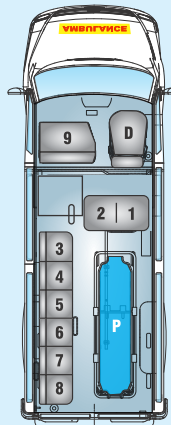


TECHNICAL SPECIFICATIONS

ENGINE : FM 2.6 CR ED, BS VI		STEERING		DIMENSIONS (mm.)	
Type	: 4 Cylinder Common Rail, DI TCIC	Type	: Power Steering	Wheel Base	: 3350
Displacement	: 2596 cc	Brakes	: Hydraulic, dual circuit, vacuum assisted ABS with EBD	Overall Length	: 5615
Max. Output	: 85 kW (115hp) @ 2950 rpm			Overall Width	: 1900
Max. Torque	: 350 Nm @ 1400 - 2200 rpm			Overall Height	: 2550
TRANSMISSION		BRAKES		Ground Clearance : 200	
Type	: G32-5, Synchromesh	Front	: Disc	WEIGHTS (kg.)	
No. of Gears	: 5 Forward & 1 Reverse	Rear	: Drum		
AXLES		Parking Brake	: Mechanical on rear wheels	Max GVW	: 3965
Front	: Dead Rigid, I-Beam & Reverse Elliot Type	WHEELS & TYRES		Turning Radius	: 6.5 M
Rear	: Live Rigid	Tyre Type	: Radial with Tube / Tubeless (4+1 Nos.)	Fuel Tank Capacity	: 70 Litres
SUSPENSION		Tyre Size : 215/75 R 15		SEATING CAPACITY	
Front	: Semi Elliptical Leaf Springs with Hydraulic Shock Absorber & Anti Roll Bar.			Type B, C & D	: 9+P+D
Rear	: Semi Elliptical Leaf Springs with Hydraulic Shock Absorbers				

PATIENT TRANSPORT AMBULANCE (B - Type)

The purpose of the Patient Transport Ambulance is movement of non-critical patients who do not require any treatment while in transit. Roomy Interiors, full standing height of 1.8m and ample seating space for attendants ensure safe and comfortable ride to the hospital.



BASIC LIFE SUPPORT AMBULANCE (C - Type)

For movement of patients requiring basic monitoring / non-invasive airway management.

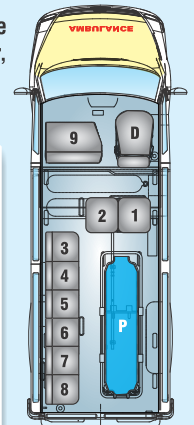
The Basic Life Support Ambulance has provision to mount life-saving equipment like Defibrillator, Ventilator, Suction Pump, and Oxygen Delivery System including cylinders.



ADVANCED LIFE SUPPORT AMBULANCE (D - Type)

For movement of critical patients requiring intensive monitoring / invasive airway management.

The Advanced Life Support Ambulance has the following additional features viz., Scoop Stretcher, Spine Board and Wheel Chair.



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NOTE : On account of continuous Research and Development, specifications are subject to change. The data included herein is to be regarded as approximate. Accessories shown may not necessarily be part of standard equipment.



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ANNEXURE-K

28th meeting of IMC/NESIDS Committee scheduled on 02.06.2021

I. CHECKLIST-CUM-AGENDA NOTE FOR RETENTION/SELECTION OF PROJECTS
(to be submitted by Programme Division, MDoNER)

Agenda Item No.:		State: Mizoram	
Name of Project: Construction of 100 Bedded District Hospital and Procurement of Hospital Equipments.			
Project Description/Summary (not exceeding 200 words): The existing hospital was constructed in 1975 with capacity of 30 bedded. Further 30 beds extended in order to establish a 60 bedded capacity in the year 1978. The existing hospital was declared as District Hospital since 2006. Also General Nursing and Midwifery (GNM) school started in the year 2017 for the district with the district hospital as a base hospital for practical training of the Students.			
Stage 1: Selection/Sanction of the Project			
1	General Information		
1.1	Estimated Cost (as per concept note/Proposal) (Final/revised, which is under consideration)	Rs.2267.00 lakh	
1.2	Whether lying in backward areas	Yes	
1.3	Sector: (Physical infrastructure relating to _____ (Water supply/Power/Connectivity - mention as applicable or creation of infrastrucrure in social sector in the areas of _____(Primary/Secondary Sectors of Education/Health - mention as applicable)	Health	
1.4	Project Linkages with Promotion of Tourism (not exceeding 100 words):		
	Tourism potential: No		
1.5	Whether independent /new project or part of any other project of any other Ministry/SG/Agency, whether proposed, sanctioned or ongoing	Yes. This is an upgradation of existing hospital from 60 bedded to 100 beds with equipment.	
1.6	If the project involves O & M, staff components, post construction management, recurring expenses etc for its running/maintainance etc e.g.(e.g.running of a Hostal building), has the SG agreed to take care of these activities	State Govt. has stated that they will be responsible and take care of recurring expenses and maintenance once the project is completed.	
1.7	Broad Breakup of Major Components of the project Cost as per concept note	Breakup of Major Components of the projects	
a	Hospital Building	2,067.11	
b	Hospital Equipments	200.00	
	Total	2267.11	
1.7A	Out of above, SG's Contribution in the Project Cost, if any	Nil	
1.7B	Out of above, Contribution from any other Ministry/Agency in the Project Cost, if any	No	

1.8	Date of receipt of proposal/concept note from State Government (SG)		10.05.2021
1.9	Original		
1.10	Revised (if any)		
2	Is the project in question supported/coverable under any other scheme of Central or State Government		Not Available
3	Normative allocation of SG and related details		
4	List of line Ministries/IFD/Technical Wing/others to whom circulated for comments along with dates of circulation and date of receipt of comments, if any:		
	Name of line Ministry/IFD/Technical Wing/Others	Date of sending for comments	Date of receipt of comments (if any)
	IFD, MDoNER	11.05.2021	No comments received till date
	Technical Wing, MDoNER	11.05.2021	17.05.2021
	Ministry of Health & Family Welfare	11.05.2021	No comments received till date
	Niti Aayog	11.05.2021	No comments received till date
5	Whether proposal has been accompanied with the following documents		
	(a) Concept Note	Yes. Concept paper is at p...../c	
	(b) Abstract of cost/Broad break up of costs	Yes, at p...../c	
	(c) Approval of CS	Yes.	
	(d) Any other (pl. specify)	Yes/No (relevant extract at page ____)	
6	Comments of line Ministries/IFD/Technical Wing/Others in brief (attached as per Annexure-__)		
7	Important observations/comments of Prog. Division		
	<p>The upgradation of existing hospital is welcome step. Proposed project will benefit the patients of the district. In view the present situation of the Covid-19 pandemic, this project will enhance to overall health infrastructure in the State.</p> <p>After due scrutiny, the PD recommends the proposal for consideration in the IMC.</p>		


 (Dated Signature & Name of Under Secretary concerned)

Comments of consulted line Ministries/IFD/Technical Wing, MDoNER

W. J. L.
31.5.21

LALNUNMAWIA CHUAUNGO, IAS
Chief Secretary
Government of Mizoram



Aizawl- 796001
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Fax : 0389-2322745
E-mail: cs_miz@rediffmail.com
cs-mizoram@nic.in

D.O.No.12011/31/2021/PLG(RDB)
Dated Aizawl, the 10th May, 2021.

Dear *Sir*,

In response to the Ministry's letter F.No.NESIDS/6/2019-O/o DIR1(NLCPR) dated 16.03.2021 and 28.04.2021, and as Chairman of the State Level Empowered Committee on NESIDS, I am submitting herewith the following Priority list of projects to be funded under NESIDS Scheme during 2021-22 with an estimated cost of Rs. 97.66 crore (Ninety seven crore sixty six lakh) only for the state of Mizoram keeping in mind the Approved Sectors and guidelines of the NESIDS. Below is the 5 (Five) list of projects in order of priority.

Sl. No	Name of Project	Estimated Cost (Rs. In Cr)
1	Construction of 100 Bedded Kolasib District Hospital Building and Procurement of Hospital Equipments, Kolasib, Mizoram	22.67
2	Augmentation of N. Vanlaiphai Water Supply Scheme (Rawleihlawchhuah Pumping)	20.50
3	Construction of 2x10MVA, 33/11KV Sub Station at Chite, Aizawl with Associated Linking Lines	10.49
4	Construction of State Resource Centre for HIV/AIDS at Aizawl	4.00
5	Augmentation of Greater Mamit Water Supply Scheme - Part II	40.00
	Total	97.66

This has the approval of the Hon'ble Chief Minister, Mizoram.

With warm regards,

Yours

Sincerely,
(LALNUNMAWIA CHUAUNGO)

Dr. Inderjit Singh
Secretary,
Government of India,
Ministry of DoNER,
VigyanBhavan Annexe,
Maulana Azad Road, New Delhi - 110011.

**CONCEPT PROPOSAL FOR CONSTRUCTION OF
100 BEDDED KOLASIB DISTRICT HOSPITAL
AND PROCUREMENT OF HOSPITAL
EQUIPMENT, KOLASIB, MIZORAM**

FOR FUNDING UNDER NESIDS

Estimated cost :Rs. 22,67,00,000.00
(Rupees twenty two crore sixty seven lakh) only

SUBMITTED BY

**DEPARTMENT OF HEALTH & FAMILY WELFARE
GOVERNMENT OF MIZORAM**

May, 2021

**CONCEPT PROPOSAL FOR CONSTRUCTION OF 100 BEDDED
KOLASIB DISTRICT HOSPITAL AND PROCUREMENT OF
HOSPITAL EQUIPMENT, KOLASIB, MIZORAM**

1. TITLE OF THE PROJECT:

Construction of 100 Bedded District Hospital and Procurement of Hospital Equipments.

Brief History of the Hospital :

Dispensary started at Kolasib in the year 1896 during the British Rule. It was upgraded to a Primary Health Centre (PHC) in 1958 and a 10 bedded PHC constructed in the year 1963.

A 30 bedded Community Health Centre (CHC) was constructed in 1975. It was further extended to accommodate another 30 beds in order to establish a 60 bedded capacity in the year 1978. Sub Divisional Medical and Health Officer was posted in 1979 and Chief Medical Officer posted in 2001. The existing hospital was declared as District Hospital and District Medical Superintendent posted separately for the hospital since 2006.

Also General Nursing and Midwifery (GNM) School started in the year 2017 for the district with the district hospital as a base hospital for practical training of the students.

Kolasib District at a Glance :

The District borders with the Assam State and the National Highway and Railway enter the State of Mizoram from Assam through Kolasib District which makes it the gateway for the State in terms of entry of goods and travelers.

1	Name of District	Kolasib
2	Geographical Area	1382 Sq. Km
3	District Headquarters	Kolasib
4	No. of Sub- Divisions	3
5	No. of RD Blocks	2
6	No of villages (census 2011)	34
7	No. of Notified Towns (census 2011)	1
8	Population of the district	
	(i) Persons	83955
	(ii) Male	42918
	(iii) Female	41037
	(iv) Rural	37077
	(v) Urban	46878

The available healthcare facilities in the district under the government of Mizoram is:

Sl. No	Health facility	Town/Village	Total
1	District Hospital	Kolasib	1
2	Community Health Centre	Vairengte	1
3	Primary Health Centre	Bairabi, Bilkhawthlir, Kawnpui, Bukpui, Lungdai	5
4	Sub Centre		26

2. AIMS AND OBJECTIVES:

- 1) The aims and objectives of the project is to upgrade the existing hospital to a 100 bedded hospital in order to improve secondary healthcare services to the population of the district.
- 2) The existing 60 bedded hospital is not sufficient for the population of the district and there cannot be separate wards for different clinical specialities and most of the patients have to be accommodated within the existing facility without proper segregation in proper separate wards according to their illness, resulting in many patients seeking treatment to higher centre at the state capital.
- 3) The district lies in a strategic location where the National Highway and the Railway enter the State, often resulting in occurrence of road traffic accidents which have to be tackled in the district hospital.
- 4) The GNM School for the district was established with the district hospital as the training centre for all practical teachings and clinical exposure. However, the existing condition do not permit the GNM students to learn the various aspects of functioning of the hospital, resulting in sending students to Aizawl for practical attachments.
- 5) This project will also enhance the learning facility in terms of practical exposure/training for the GNM students.
- 6) Therefore, it is highly necessary for upgradation of the hospital by construction of 100 bedded district hospital and procurement of hospital equipments & furnitures. This will improve the healthcare services rendered by the hospital to the population of the district.

3. DURATION:

The proposed project – construction of 100 bedded Kolasib District Hospital and procurement of hospital equipments & furnitures will be completed within 3 (three) years from the date of sanctioned for the project.

4. PROJECT DESCRIPTION:

- 1) **Project goal:** The goal of this project is to upgrade the existing hospital for better quality secondary healthcare services to the population of the district by construction of 100 bedded Hospital and procurement of hospital equipments & furnitures.
- 2) **Project area:** The project construction of 100 bedded Kolasib District Hospital and procurement of hospital equipments & furnitures will be within the existing hospital campus itself. The hospital land belongs to the Department of Health & Family Welfare, Government of Mizoram.
- 3) **Target group:** The target of this project is to offer quality secondary health care services to the population of the district and to improve practical exposures/teachings for the GNM students.
- 4) **Problems to be addressed:** This project will solve the problem of inadequate number of beds so that most patients from the district will be able to avail the treatment facility in their own district, thereby resulting in reduction of referral to the State Capital. Also availability of 100 bedded district hospital with various clinical department will offer sufficient exposure/teaching for GNM students.

5. LOCATION OF THE PROJECT : The proposed project area is located at 24.2314° N, 92.6768° E

6. DETAILS OF ANY 'NEED ASSESSMENT' DONE IN THE AREA BEFORE DECIDING ON THE PROJECT: The hospital was constructed long ago requiring repairs and renovations several times. Moreover, the existing 60 bedded capacity is no longer sufficient to cater to the need of the district. Therefore it is highly necessary to upgradation the hospital by construction of 100 bedded Kolasib District Hospital and procurement of hospital equipments & furnitures. Upgradation the district hospital will also enhance the practical exposure/training for the GNM students.

7. **BENEFICIARY**: This proposed project will be benefited by patients of the district as more facility will be created for treatment and gain knowledge/practical teachings by the General Nursing and Midwifery (GNM) students. As the National Highway and Railway enters the State through the District, Road Traffic Accident occurs often times and accident victims will also benefit the proposed upgraded district hospital. Upgradation of the district hospital will also reduce referral to the higher centres, thereby reducing out-of-pocket expenditure from the patients.

Beneficiaries of the project is shown in the table below-

Sl. No.	Beneficiary	No. of Beneficiaries
1.	Town – Kolasib	1
2.	Villages -	56
3.	Population of the District	83955
4.	No. of GNM Students (20x3)	60
5.	Road Traffic Accident Victims	

8. **STRATEGY/ ACTION PLAN**: The Action Plan of this project is to upgrade the hospital in its entirety i.e. by construction of 100 bedded Kolasib District Hospital and procurement of hospital equipments & furnitures for the population of the district which will be completed within three years from the date of sanction.

9. MONITORING & EVALUATION INDICATORS:

a) **Management arrangements :**

The project will be executed by the State Public Works Department and the Nodal Department will be Directorate of Hospital & Medical Education, Health & Family Welfare Department, Government of Mizoram

b) **Implementation arrangements:**

The project construction to be executed by the State Public Works Department in accordance with all codal formalities.

c) **Monitoring and Evaluation arrangement :**

Monitoring and evaluation of the project will be done by the State PWD or by the health department. Project review will be held quarterly, based on the report of the executing Department.

10. PROJECT SUSTAINABILITY (HOW WILL THE ACTIVITIES BE SUSTAINED AFTER PROJECT SUPPORT IS COMPLETED): Once the project is completed, the maintenance will be sustained by the Department of Health & Family Welfare, Government of Mizoram.

11. PROPOSED BUDGET FOR THE PROJECT:

a) Construction of 100 bedded hospital building	-	Rs. 206,711,000.00
b) Procurement of Hospital Equipments	-	Rs. 20,000,000.00
Grand Total	-	Rs 226,711,000.00
Say	-	Rs. 226,700,000.00

(Rupees twenty two crore sixty seven lakh) only

PROJECT WISE INFORMATION

Project Linkages with Promotion of Tourism (not exceeding 100 words)

The proposed project falls under the health sector and therefore there is no direct linkages with promotion of Tourism in the district.

Project Description/Summary (not exceeding 200 words)

Dispensary started at Kolasib in 1896 upgraded to 10 bedded PHC in 1963, further upgraded to 30 bedded CHC in 1975 and extended to the existing 60 bedded capacity in 1978. The existing bed capacity is no longer sufficient to serve the population of the district. Therefore, it is necessary to upgrade to 100 bedded hospital providing various services as per the Indian Public Health Standards (IPHS) Guidelines. Construction of the new building will include critical areas – Operation theatre, Labour room, Sick new born care unit (SNCU), ICU etc. which will improve the overall performance of the district hospital thereby reducing IMR and MMR. Also availability of a 100 bedded hospital in the district with various services within the hospital will reduce referral to higher centres, eventually reducing out-of-pocket expenditure by the patients.

Also the upgraded hospital will be benefitted by people from the adjoining districts of Mamit and Cachar district, Assam.

This project will create conducive atmosphere for the GNM students for practical exposure, with various clinical and para clinical departments which will be accommodated. Also class room for the GNM students will be accommodated for demonstration and teachings before they are attached to various sections of the hospital.

Additional information :

1. Whether lying in backward areas

= Yes

2. Whether independent/new project or part of any other project of any other Ministry/SG/Agency, whether proposed sanctioned or ongoing

= The proposed project is a new project and is not included in any part of projects under Ministry/SG/Agency.

3. If the project involves O&M, staff components, post construction management, recurring expenses etc. for its running/maintenance etc. (E.G. : Running of a Hostel building), has the SG agreed to take care of these activities

= The State Government will be responsible and take care of recurring expenses and maintenance once the project is completed.

4. Is the project in question supported/coverable under any other scheme of Central or State Government

= No

5. Whether the cost indicated in the concept paper of the project is based on latest SOR

= Yes, it is based on the latest SOR i.e. MPWD 2019

6. Whether the project is at single location with detailed lat-long information

= The proposed project is at a single location in the existing district hospital campus. The lat-long information is 24.2314° N, 92.6768° E

7. Quantified Output of the project

= The project will create asset for the district that will provide quality healthcare services to the population of the district and also to the adjoining areas of Cachar district, Assam and Mamit district. Moreover, the hospital lies along the national highway, entry of goods and travelers from other parts of India have to cross the district through the highway and the rail heads. Often road traffic accident occurring along these routes have to be taken care of in the district hospital with existing limited facilities. Also the district hospital is a base-hospital of learning for the GNM students.

The proposed project will greatly enhance the healthcare delivery services to the population of the district.

8. Outcome of the project (Population targeted to be benefitted on completion)

= The population targeted to benefit by the project is 83955 (as per 2011 census) along with patients from the adjoining Mamit district.



NON DUPLICITY CERTIFICATE

This is to certify that the Construction of 100-Bedded Kolasib District Hospital and procurement of hospital equipments has not been sanctioned/taken up/proposed to be taken up for funding under any other Scheme of the State or the Central Government or any other funding agencies.



(R. LALRAMNGHAKA, IAS)
Special Secretary
Health & Family Welfare Department
Government of Mizoram

LAND AVAILABILITY CERTIFICATE

This is to certify that land is available for the Construction of 100-Bedded Kolasib District Hospital and procurement of hospital equipments within the existing District Hospital Campus itself, owned by the Health & Family Welfare Department, Government of Mizoram.



(R. LALRAMNGHAKA, IAS)

Special Secretary

Health & Family Welfare Department
Government of Mizoram

**PROPOSED COST APPRAISAL FOR THE WORK CONSTRUCTION
OF 100 BEDDED KOLASIB DISTRICT HOSPITAL BUILDING AND
PROCUREMENT OF HOSPITAL EQUIPMENTS & FURNITURES
AT KOLASIB, MIZORAM**

ABSTRACT OF COSTS

Sl.no	Item	Estimated Amount
Hospital Complex		
1	Hospital Building	Rs. 206,711,000.00
2	Hospital Equipments	Rs. 20,000,000.00
Project Cost		
Total Cost of the Project = Rs. 226,711,000.00		
Say = Rs. 226,700,000.00		
Rupees twenty two crores sixty seven lakhs only		


Assistant Engineer
Dta.of Hosptl. & Medical Edu.
Aizawl ; Mizoram


Executive Engineer
Health & Family Welfare Deptt.
Aizawl ; Mizoram

**APPROXIMATE ESTMATED COST FOR CONSTRUCTION OF 100
BEDDED IPD BLOCK AT KOLASIB DISTRICT HOSPITAL,
KOLASIB : MIZORAM**

<i>Sl.no</i>	<i>Name of Items</i>	<i>Unit</i>	<i>Area</i>	<i>Rate</i>		<i>Amount</i>
1	RCC FRAMED STRUCTURES					
	Basement	<i>sqm</i>	222.86	34000.00	=	Rs. 7,577,240.00
	Ground floor	<i>sqm</i>	1443.50	34000.00	=	Rs. 49,079,000.00
	First floor	<i>sqm</i>	1443.50	34000.00	=	Rs. 49,079,000.00
	Second floor	<i>sqm</i>	1443.50	34000.00	=	Rs. 49,079,000.00
	Mumty	<i>sqm</i>	60.00	34000.00	=	Rs. 2,040,000.00
	Total floor area =	<i>sqm</i>	4613.36			
	Total 1					Rs. 156,854,240.00
	Add -1.59% Cost Index for Kolasib District					Rs. (2,493,982.42)
	Total 2					Rs. 154,360,257.58
a	Add for Site Development	<i>sqm</i>	1443.50	5500.00	=	Rs. 7,939,250.00
b	Add for Resisting Earthquake force	<i>sqm</i>	4613.36	1618.40	=	Rs. 7,466,261.82
c	Add for Internal Water Supply and Sanitary Installations			10.00%	=	Rs. 15,436,025.76
d	Add for Internal Electric installation			12.50%	=	Rs. 19,295,032.20
e	Add for External connection			5.00%	=	Rs. 964,751.61
f	Add for Underground sump @ Rs. 25/ltr	<i>ltr</i>	50000	25.00	=	Rs. 1,250,000.00
	Total 3					Rs. 206,711,578.97
	Say					Rs. 206,711,000.00
	<i>Rupees twenty crores sixty seven lakhs eleven thousand only</i>					

Procurement of Hospital Equipments for 100 bedded Kolasib District Hospital

I. Cardiopulmonary Equipment				-
Sl. No.	Name of the Equipment	Unit cost	Qty.	Amount
1	ECG machine ordinary	36,000	2	72,000
2	Cardiac Monitor	97,983	3	293,949
3	Cardiac Monitor with defibrillator	220,000	2	440,000
4	Pulse oximeter	2,000	3	6,000
5	Infusion pump	272,000	3	816,000
II. Labour ward, Neo Natal and Special Newborn Care Unit (SNCU) Equipment				
Sl. No.	Name of the Equipment	Unit cost	Qty.	Amount
1	Baby Incubators	138,783	3	416,349
2	Phototherapy Unit	84,500	2	169,000
3	Emergency Resuscitation Kit-Baby	250,000	3	750,000
4	Standard weighing scale	1,400	2	2,800
5	Radiant Warmer	64,000	3	192,000
6	Cardio Toco Graphy Monitor	95,000	1	95,000
7	Vacuum extractor metal	48,000	1	48,000
8	Pulse Oxymeter baby & adult	6,200	4	24,800
9	Cardiac monitor baby & adult	65,000	3	195,000
III. Ear Nose Throat Equipment				-
Sl. No.	Name of the Equipment	Unit cost	Qty.	Amount
1	Audiometer	200,000	1	200,000
2	Impedance Audiometer	280,000	1	280,000
3	Laryngoscope indirect	38,000	1	38,000
4	Head light (ordinary) (Boyle Davis)	12,500	1	12,500
5	ENT Operation set including headlight, Tonsils	13,000	1	13,000
6	Ear Surgery Instruments set	40,500	2	81,000
7	Mastoid set	3,200	1	3,200
8	Tracheostomy Set	1,500	1	1,500
9	Micro drill System set	390,000	2	780,000
10	otoscope	39,000	1	39,000
11	Oto Acoustic Emission (OAE) Analyzer	285,000	1	285,000
IV. Operation Theatre Equipment				-
Sl. No.	Name of the Equipment	Unit cost	Qty.	Amount

1	Auto Clave HP Vertical (2 bin)	400,000	2	800,000
2	Operation Table Hydraulic Major	250,000	1	250,000
3	Operation table Hydraulic Minor	98,000	2	196,000
4	Operating table non-hydraulic field type	65,000	1	65,000
5	Autoclave vertical single bin	152,000	1	152,000
6	Shadowless lamp ceiling type major	249,000	1	249,000
7	Shadowless lamp ceiling type minor	45,000	1	45,000
8	Shadowless Lamp stand model	35,000	1	35,000
9	Focus lamp Ordinary	15,000	2	30,000
10	Sterilizer (Big instruments)	400,000	2	800,000
11	Sterilizer (Medium instruments)	152,000	3	456,000
12	Sterilizer (Small instruments)	30,000	3	90,000
13	Suction Apparatus - Electrical & Foot Operated	15,000	3	45,000
14	Ultra violet lamp philips model 4 feet	2,000	2	4,000

V. Laboratory Equipment

Sl. No.	Name of the Equipment	Unit cost	Qty.	Amount
1	Binocular Microscope	48,000	4	192,000
2	Chemical Balances	150,000	1	150,000
3	electric Calorimeter	180,000	1	180,000
4	Fully Automated Auto-analyser	1,256,000	1	1,256,000
5	Semi auto analyser	250,000	1	250,000
6	Water bath	15,000	1	15,000
7	Hot Air oven	13,000	1	13,000
8	lab Incubator	45,000	1	45,000
9	Distilled water Plant	1,250,000	2	2,500,000
10	Electric centrifuge, table top	25,000	2	50,000
11	Cell Counter electronic	379,000	1	379,000
12	Hot plates	9,500	2	19,000
13	Rotor/Shaker	60,000	1	60,000
14	Counting chamber	2,000	2	4,000
15	Laboratory Autoclaves	152,000	2	304,000
16	Domestic Refrigerator for storing Reagent	69,000	2	138,000
17	Class – I Bio Safety Cabinet	300,000	1	300,000

VI. Anaesthesia Equipment

Sl. No.	Name of the Equipment	Unit cost	Qty.	Amount
1	Anaesthesia machine with ventilator	1,250,000	1	1,250,000
2	Defibrillators	235,000	1	235,000

XIV. Furniture & Hospital Accessories

Sl. No.	Name of the Equipment	Unit cost	Qty.	Amount
1	Doctor's chair for OP Ward, Blood Bank, Lab	8,000	20	160,000
2	Doctor's Table	15,000	20	300,000
3	Duty Table for Nurses	7,000	5	35,000
4	Table for Sterilisation use (medium)	7,000	6	42,000
5	Revolving Stool for patients	3,000	50	150,000
6	Patients Waiting Chairs	12,000	30	360,000
7	Hospital Cots (Semi Fowler)	15,990	100	1,599,000
8	Bedside Locker	2,500	100	250,000
9	Dressing Trolley (SS)	11,000	10	110,000
10	Medicine Trolley (SS)	27,900	4	111,600
11	Examination Couch	12,000	10	120,000
12	Stretcher/Patience Trolley (SS)	15,000	3	45,000
13	Basin Assorted (SS)	900	30	27,000
14	Basin Stand Assorted (SS) (2 basin type)	15,000	30	450,000
	(1 basin type)	9,000	30	270,000
15	Labour Table	85,000	3	255,000

TOTAL : 20,095,698

Say : 20,000,000

(Rupees two Crore) Only

28th meeting of IMC/NESIDS Committee scheduled on 02.06.2021

I. CHECKLIST-CUM-AGENDA NOTE FOR RETENTION/SELECTION OF PROJECTS
(to be submitted by Programme Division, MDoNER)

Agenda Item No.:		State: Mizoram	
Name of Project: Construction of State Resource Centre for HIV/AIDS at Aizawl, Mizoram.			
Project Description/Summary (not exceeding 200 words): Mizoram has emerged as highest prevalence State for HIV epidemic in India with an adult prevalence of 2.04%. This prevalence is almost 9 times higher than that of national average. Coupled by injecting drug use and unprotected heterosexual route, the epidemic is still rising. Therefore, proper infrastructural set up is the fundamental necessity of any intervention system.			
Stage 1: Selection/Sanction of the Project			
1	General Information		
1.1	Estimated Cost (as per concept note/Proposal) (Final/revised, which is under consideration)	Rs.400.00 lakh	
1.2	Whether lying in backward areas	Yes	
1.3	Sector: (Physical infrastructure relating to _____ (Water supply/Power/Connectivity - mention as applicable or creation of infrastructure in social sector in the areas of _____ (Primary/Secondary Sectors of Education/Health - mention as applicable)	Health	
1.4	Project Linkages with Promotion of Tourism (not exceeding 100 words):		
	Tourism potential: No		
1.5	Whether independent /new project or part of any other project of any other Ministry/SG/Agency, whether proposed, sanctioned or ongoing	yes. The project is new and independently targeting strengthening measures on HIV/AIDS in Mizoram.	
1.6	If the project involves O & M, staff components, post construction management, recurring expenses etc for its running/maintenance etc e.g.(e.g.running of a Hostal building), has the SG agreed to take care of these activities	State Govt. has stated that the project is infrastructural support system with negligible maintenance cost and does not involve any recurring cost, staff components and O&M etc. The SG has given full commitment to maintain post construction management and its associated cost.	
1.7	Broad Breakup of Major Components of the project Cost as per concept note	<u>Breakup of Major Components of the projects is as per table -1</u>	
1.7A	Out of above, SG's Contribution in the Project Cost, if any		Nil
1.7B	Out of above, Contribution from any other Ministry/Agency in the Project Cost, if any		No

1.8	Date of receipt of proposal/concept note from State Government (SG)		10.05.2021
1.9	Original		
1.10	Revised (if any)		
2	Is the project in question supported/coverable under any other scheme of Central or State Government		Not Available
3	Normative allocation of SG and related details		
4	List of line Ministries/IFD/Technical Wing/others to whom circulated for comments along with dates of		
	Name of line Ministry/IFD/Technical Wing/Others	Date of sending for comments	Date of receipt of comments (if any)
	IFD, MDoNER	11.05.2021	No comments received till date
	Technical Wing, MDoNER	11.05.2021	17.05.2021
	Ministry of Health & Family Welfare	11.05.2021	No comments received till date
	Niti Aayog	11.05.2021	No comments received till date
5	Whether proposal has been accompanied with the following documents		
	(a) Concept Note	Yes. Concept paper is at p...../c	
	(b) Abstract of cost/Broad break up of costs	Yes, at p...../c	
	(c) Approval of CS	Yes.	
	(d) Any other (pl. specify)	Yes/No (relevant extract at page ____)	
6	Comments of line Ministries/IFD/Technical Wing/Others in brief (attached as per Annexure-__)		
7	Important observations/comments of Prog. Division		
	Mizoram is the highest adult HIV prevalence among states in India last year with the infection being detected in 2.04% of the people whose blood samples were tested for it by Mizoram State AIDS Control Society (MSACS). The project proposal relates to creation of infrastructure for suffering people of HIV/AIDS. After due scrutiny, the PD recommends the proposal for consideration in the IMC.		



(Dated Signature & Name of
Under Secretary concerned)

TABLE-1

PLINTH AREA ESTIMATE FOR CONSTRUCTION OF STATE RESOURCE CENTRE							
(Estimation Based on Plinth Area rates of PWD Schedule Of Rates,2019)							
Sl.No.	Item No.	Particulars of Item	Floor Ht. in m	Unit	Quantity	Rate	Amount
1	1.3.1	Ground Floor	3.30	Sqm	100.00	31000.00	31,00,000.00
	1.1.1 (B)	First Floor	3.30	Sqm	250.00	31000.00	77,50,000.00
	1.1.1 (B)	Second Floor	3.30	Sqm	250.00	31000.00	77,50,000.00
	1.1.1 (B)	Third Floor	3.30	Sqm	250.00	31000.00	77,50,000.00
	1.1.1 (B)	Fourth Floor	3.30	Sqm	180.00	31000.00	55,80,000.00
Total (A) :							3,19,30,000.00
2	3.3	Internal Electric Installation			12.5% of Total (A)		39,91,250.00
3	3.1	Internal water supply and sanitary Installation			4% of Total (A)		12,77,200.00
4	3.2	External Service Connections			5% of Total (2+3)		2,63,422.50
5	3	Development of site		sqm	100.00	5500.00	5,50,000.00
7		Fire Fighting (Non schedule) (Fire extinguisher)					1,54,000.00
10	3.6.7	Telephone Conduits			0.5% of Total(A)		1,59,650.00
11	3.6.9	Computer conduiting			0.5% of Total(A)		1,59,650.00
13	2.5	Water tank (Underground Sump)		litre	10000.00	25.00	2,50,000.00
14	2.1	Overhead tank with independent staging		litre	4000.00	25.00	1,00,000.00
Total (B) :							69,05,172.50
Total (A + B) :							3,88,35,172.50
<i>Add 2% for Contingencies :</i>							7,76,703.45
<i>Add 1% for Labour cess :</i>							3,88,351.73
Grand Total :							4,00,00,227.68
Say :							4,00,00,000.00



Comments of consulted line Ministries/IFD/Technical Wing, MDoNER

W. J. Salvo

LALNUNMAWIA CHUAUNGO, IAS
Chief Secretary
Government of Mizoram



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E-mail: cs_miz@rediffmail.com
cs-mizoram@nic.in

D.O.No.12011/31/2021/PLG(RDB)
Dated Aizawl, the 10th May, 2021.

Dear Sir,

In response to the Ministry's letter F.No.NESIDS/6/2019-O/o DIR1(NLCPR) dated 16.03.2021 and 28.04.2021, and as Chairman of the State Level Empowered Committee on NESIDS, I am submitting herewith the following Priority list of projects to be funded under NESIDS Scheme during 2021-22 with an estimated cost of Rs. 97.66 crore (Ninety seven crore sixty six lakh) only for the state of Mizoram keeping in mind the Approved Sectors and guidelines of the NESIDS. Below is the 5 (Five) list of projects in order of priority.

Sl. No	Name of Project	Estimated Cost (Rs. In Cr)
1	Construction of 100 Bedded Kolasib District Hospital Building and Procurement of Hospital Equipments, Kolasib, Mizoram	22.67
2	Augmentation of N. Vanlaiphai Water Supply Scheme (Rawleihlawchhuah Pumping)	20.50
3	Construction of 2x10MVA, 33/11KV Sub Station at Chite, Aizawl with Associated Linking Lines	10.49
4	Construction of State Resource Centre for HIV/AIDS at Aizawl	4.00
5	Augmentation of Greater Mamit Water Supply Scheme - Part II	40.00
	Total	97.66

This has the approval of the Hon'ble Chief Minister, Mizoram.

With warm regards,

Yours

Sincerely,
(LALNUNMAWIA CHUAUNGO)

Dr. Inderjit Singh
Secretary,
Government of India,
Ministry of DoNER,
Vigyan Bhavan Annexe,
Maulana Azad Road, New Delhi - 110011.

A Concept Note on

“Construction of State Resource Centre for HIV/AIDS at Aizawl, Mizoram”

**" Building and strengthening the skills and capacities of NGOs working for
HIV/AIDS "**

Total Projected Cost: Rs. 4,00,00,000.00

(Rupees Four Crore) only

Under

NESIDS 2021-2022

Ministry of Development of North eastern Region (MDoNER)

Government of India

Submitted by:

**Health & Family Welfare Department
Government of Mizoram**

	ITEMS	Detailed Information
A.	General Information about the Project	
i.	Name of the Project	“Construction of State Resource Centre for HIV/AIDS at Aizawl, Mizoram”
ii.	Objectives of the project	<p>In conjunction with the goals, objectives and Policy Trust under “National Health Policy 2017” with special emphasize to <i>Reduction of disease prevalence/ incidence</i> (which aims to achieve global target of 2020 which is also termed as target of 90:90:90, for HIV/AIDS i.e, - 90% of all people living with HIV know their HIV status, - 90% of all people diagnosed with HIV infection receive sustained antiretroviral therapy and 90% of all people receiving antiretroviral therapy will have viral suppression) and in line with the <i>operational components of NACP-IV</i>, the following pronged objectives are set forward to materialized the proposed project:-</p> <ol style="list-style-type: none"> 1. To bridge infrastructural gap by <i>Constructing State Resource Centre for HIV/AIDS at Aizawl</i> and enable the Mizoram State Aids Control Society towards effective service delivery on <i>capacity development platform</i>. 2. To develop comprehensive training strategy for training partners/NGOs through community led structural and targeted intervention system in line with NACP-IV operational components. 3. To strengthen the overall activities of the State/MSACS in order to provide a benchmark for preventive measures against Aids/HIV and to create a workable environment conducive for all the stakeholders. 4. Mainstreaming of capacity building, appropriate management of knowledge and resources, effective delivery of training, measuring and documenting impact, accreditation of programmes and centre, use of information technology, identifying and implementing innovations and working for sustainability shall be the prime objective of the centre at all times.

iii.	Estimated Cost of project	Rs. 4,00,00,000.00 (Rupees Four crore) only
iv.	Sources and share of funding.	Source: NESIDS 2021-22 under MDoNER, Govt. of India Fund Proportion : 100 %
v.	Availability of land (whether owned by Govt./leased/donated/community owned etc.	The General Administration Department, Govt. of Mizoram has allocated a <i>Plot No. B-20 measuring 445.23 sq.m</i> for the said project vide letter <i>No.D.11012/1/2019-GAD. Dt.28.August.2020</i> <i>Land Availability Certificate enclosed in Annexure-I</i>
vi.	Location of project	Aizawl, Mizoram
vii.	Proposing/Implementing Department	Directorate of Health Services, Govt. of Mizoram
viii.	Name of the executing Department/Agency	Directorate of Health Services, Govt. of Mizoram
ix.	Enclose non-duplication certificate	Enclosed in Annexure-II
x.	Whether the project falls within the Thrust Areas of NESIDS 2021-22	Yes, the project proposal falls under the thrust areas of the Ministry with special emphasis to Health Sector (Secondary sector) .
xi.	Whether the project is of regional nature or state specific	The project is state specific. However, given the importance of this asset and a plethora of services to be provided/utilized by channelizing the <i>'State Resource Centre for HIV/AIDS'</i> with proper infrastructure could be of regional in nature in the long-run as this viable proposal will attract neighboring states to visit and witness concrete services it may extend with such creation (provided that financial assistance being sought as anticipated in the proposal has been granted by the Ministry).
xii.	If project is covered under any CSS/Central scheme, name the CSS/Central Scheme and give reasons why funding has not been obtained	There is no scope to get fund from any other sources (<i>including NACO</i>) than the intended source (Ministry) for this project as they could not accommodate the nature of this project. Even if the department could receive maximum eligible fund from the State Government from SPA, the requirements of this project could not be met. However, the fundamental aim of the project is in tandem with the initiatives taken at the Central level. Thus the fund sought from the Ministry for the project is complementary to the efforts of Central government.
xiii.	Prospect for convergence with other State	The project is infrastructure, human resource development and capacity building in nature with viable scope for convergence. Besides, <i>on service dissemination platform</i>

	schemes/CSS/CS built into the project. If not, state why	there are multiple avenues for convergence in the fight against the prevalence of <i>AIDS across the state</i> through Targeted structural intervention in line with the operational components of <i>NACP-IV</i> .
xiv.	Synergy built into the project with other Govt. schemes.	The project is strengthening measures for services delivery towards reduction of number of HIV victims and control of prevalent AIDS diseases and enhancement of work environment through <i>creation of capital asset coupled with capacity building</i> and could be synergized with the many initiatives already taken by the central/state government toward prevention of HIV/AIDS. Therefore, the synergy build around this project would pave the way for sustainable development towards preventive measures against AIDS/HIV.
xv.	Sustainability of project including operation and maintenance of assets on completion of project	<ol style="list-style-type: none"> 1. The Sustainability of the project is built around nature of demand owing to non-existence of <i>State level Resource Centre for HIV/AIDS</i>, based on thorough analysis done in a nutshell by taking into consideration different factors, stakeholders commitment and technical capabilities of the implementing agency. 2. The nature of the project is infrastructure centric, capacity building of training partners/NGOs, strengthening measures and provision of functional capital assets (<i>State Resource Centre for HIV/AIDS Building</i>) and it is envisaged to be self-sustained with negligible maintenance cost. 3. The Department has given full commitment for the implementation and maintenance of the project. 4. Post-implementation management of the project (such as maintenance of assets etc.) will be handled and monitored by MSACS on a consistent basis by incorporating evidence-based management approach. Besides, periodical assessment shall be conducted and outcomes shall be measured to quantify the impact of the project and further to ensure that the project is worth funding.
B.	Justification/Rationale for the Project	
i.	Nature and magnitude of the problem faced or the potential to be tapped. The problems to be addressed or benefits that will accrue through the project.	<p>Background:</p> <p>Human resource capacity building is a key strategy in the design, delivery, sustainability and scale up HIV treatment and prevention programmes. Strengthening the capacity of partners through the State Training and Resource Centre with Technical Support Unit in place shall act as a gap filling measures for targeted intervention strategy in the</p>

		<p>State.</p> <p>Growing demand for capacity-building in HIV/AIDS needs substantial efforts to ensure that these are implemented effectively and efficiently. NACO had made significant strides in these regards, but at the same time there are arduous challenges like measuring impact, quality, documentation, operational research, and sustainability with proper infrastructure such as this project proposal in order to take swift execution in <i>preventive eco-system</i> of HIV/AIDS in the State.</p> <p>Mizoram Context</p> <p>The Human Immunodeficiency Virus (HIV) and Acquired Immune Deficiency Syndrome (AIDS) were first reported in Mizoram in 1990. Mizoram State AIDS Control Society was established in the year 1999.</p> <p>Mizoram has emerged as highest Prevalence State for HIV Epidemic in India with an adult prevalence of 2.04%. The high prevalence in the state has been validated through multiple sources including those of National Health Survey, HIV Sentinel Surveillance Survey and by programme data.</p> <p>This prevalence is almost 9 times higher than that of national average. Coupled by injecting drug use and unprotected heterosexual route, the epidemic is still rising, if left unabated, it may take the course of HIV/AIDS epidemic in Africa where generations and economies has suffered because of AIDS Epidemic. HIV/AIDS has become a major Public Health Problem in the state, if timely appropriate measures are not taken, the pace of socio economic development in Mizoram will be adversely affected, which will further hinder the growth parity of the state with the rest of the country.</p> <p>Mizoram State AIDS Control Society is the nodal agency to implement National AIDS Control Programme (NACP) in the state. NACP is a Central Sector Scheme and offers three-pronged response to HIV/AIDS epidemic: prevention, detection and treatment. MSACS is offering comprehensive package of services to almost 10,000 people who are at high risk of acquiring HIV infections. Around 200-250 HIV positive individuals are being identified</p>
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	<p>every month and linked to treatment services. Around 8500 HIV infected people are taking lifesaving free anti-retroviral medicine monthly from the HIV treatment centers in the state.</p> <p><i>Magnitude of the problem faced vis-a-vis Rationale of Constructing State Resource Centre for HIV/AIDS:</i></p> <p>1).<i>Non-existence of State Resource Centre for HIV/AIDS:</i> Human resource capacity building programmes are critical for sustainable response to the HIV/AIDS epidemic in India. The need for capacity-building in HIV/AIDS is evident from the above facts in Mizoram as the responses to HIV/AIDS now includes long-term care for those infected and affected along with prevention and treatment. It can be reiterated that, construction of State Resource Centre for HIV/AIDS is fundamental and critical for targeted intervention within the state.</p> <p>2).<i>For better convergence and coordination with parent department:</i></p> <p>If State Resource Centre for HIV/AIDS is constructed, convergence and coordination between the department and the State AIDS control Society will be greatly improved; which is the need of the hour.</p> <p>3).<i>For effective monitoring, supervision and evaluation of peripheral units and partnered NGOs</i> - a training cum conference hall to capacitate at least 100 persons shall be present in the Resource centre for capacity building purpose and targeted intervention mechanism. The training cum conference hall will serve as a place for Review meeting of various divisions and regular meetings with the peripheral units. These meetings will identify the bottle necks, loop holes, challenges faced and <i>formulate strategic plans</i> to address problems being identified.</p> <p>Thus, in accordance with the initiatives taken at the central/state level and acknowledging its importance, the department has seen it as an endearing challenge over the years and further keen to excel on</p>
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		<p>infrastructural development platform and decided to take an instrumental approach using this project proposal.</p> <p>Therefore, this functional project proposal seek to change the present scenario by creating an environment conducive for staff to ensure productive outcome in terms of services delivery under the context of AIDS control. Besides, the proposal aims to create a accessible platform for all affiliated NGOs working in the field of preventive measure in a fight against AIDS. This project proposal is based on the above surmise.</p> <p>Problem to be Addressed: The project aims to address one of the most critical factors in providing services by <i>Constructing State Resource Centre for HIV/AIDS at Aizawl, Mizoram</i>.</p> <p>The Contribution! The major contribution will be strengthening of intervention mechanism for MSACS on sustainable service delivery platform.</p>
ii.	The development objectives proposed to be achieved	<p>The development objectives of the project are:</p> <ol style="list-style-type: none"> 1. Creation of capital assets: Construction of State Resource Centre for HIV/AIDS. 2. Strengthening of Service: The project will act as a major catalyst for convergence with <i>MSACS</i> and strengthening of services to all the stakeholders under <i>MSACS</i>. 3. Access and Equity: The project envisages facilitating large numbers of stakeholders across the state to have proper access to services, knowledge etc. in real time by creating accessible platform through this functional project proposal. 4. Creation of knowledge centre: The project will act as a primary source of information and knowledge centre for all the stakeholders (academician/researchers/general public etc.). The research information will then be used formulate sustainable strategic intervention mechanism for prevention of HIV/AIDS.

iii.	The sections and number of population to be benefitted.	The whole State will get benefit out of this project.
C.	Project Description & Main Activities	
i.	Project description (brief write-up on the project)	<p>Proper infrastructural setup is the fundamental necessity of any intervention system. To achieve this, the project is a step forward and the prospect for synergy within the state for sustainable development of preventive measures against AIDS in line with other Ministry's scheme could be seen as critical under this context owing to non-existence of separate building for <i>State Resource Centre for HIV/AIDS</i>. This is where the project will be playing its role as a gap filling measure to provide an environment conducive for all the stakeholders in order to deliver effective services to the general public.</p> <p>The Major Components of the project will be as given below:-</p> <p><u>Construction Components:</u></p> <ul style="list-style-type: none"> • State Resource Centre for HIV/AIDS building accommodating at least 40 nos of staff plus partners NGOs staff (4 storey building). • Training cum Conference Hall • Library Room • Video conferencing Room cum Meeting Room • Toilet Block • Parking Lot • Under Ground water tank • Overhead Water tank • Telephone conduit • Computer conduit • Fire fighting <p><u>Service Components:</u></p> <ul style="list-style-type: none"> • Mainstreaming capacity building • Management of knowledge & resources • Effective delivery of training • Measuring and documenting impact • Accreditation of programmes and centre • Effective use of information technology • Identifying and implementing innovations and • working for sustainability

		<p>Therefore, apparently a series of instrumental activities creates an enabling environment for targeted beneficiaries. It is indeed, the prime focus of this project to ensure such activities are being systematically implemented through this proposal so as to produce significant level of change factors/contributing factors (provided that financial assistance being sought is granted by Ministry under <i>NESIDS 2021-22</i>).</p> <p>The above instrumental activities will suffice the needs of the situation under consideration and will duly address challenges posed by lack of infrastructural setup for the state in its fight against the prevalence of HIV/AIDS.</p>
ii.	Component-wise cost of the project/main activities	Attached
iii.	List of basic Indicators for measuring achievement/Success of the Project	<p>On completion of the project following indicators will be evaluated to assess the success of the project:-</p> <ul style="list-style-type: none"> • Construction of State Resource Centre for HIV/AIDS at Aizawl • Strengthening of Mizoram State Aids Control Society (MSACS). • Rejuvenation of social consciousness and deep participation of the community at large in preventive measures and <i>creation of knowledge society</i>. • Increased number of change factors/contributing factors. • Effective and Integrated approach to prevention of HIV/AIDS. • Enhanced research output quality. • Strong level of convergence with State schemes/CSS/CS • Closed coordination between MSACS and its affiliated/partnered NGOs
D.	Timeframe of the Project	24 months (Implementation schedule & Schedule of Work in BAR Chart attached)
F.	Indicate if any statutory clearances including forest and	Non required

	Environmental Clearances etc. are required.	
G.	Project-wise Information	
	Project linkages with Promotion of Tourism	<p>The project could be synergized with promotion of tourism in Mizoram once materialized as anticipated in the budget estimate of the project, and could be evidence from the following facts:</p> <p>1. Mizoram SACS is associated with numbers of monitoring agency being operated at Regional, National and International level and those outsiders could used this creation of new assets as an added advantage to explore many tourist destinations in Mizoram while delivering their official duty, as proper infrastructure will induce an environment conducive for all the stakeholders.</p> <p>2. The quantifiable outcomes of this project will attract people from outside the state to visit, study and witness how the Resource Centre for HIV/AIDS has been performing to have significant impact in AIDS control measures within the state, which in turn shall enable the State Government initiatives for promotion of Tourism Sector in Mizoram.</p>
	Project Description/summary	Please see Section C. Project Description & Main Activities
	Additional Information	
1	Whether lying in backward areas	Yes
2	Whether independent/new project or part of any other project of any other Ministry/SG/Agency, whether proposed, sanctioned or ongoing	The project is new and independently targeting strengthening measures on HIV/AIDS in Mizoram with infrastructural support system at the forefront.
3	If the project involves O&M, staff components, post	The project is infrastructural support system with negligible maintenance cost (<i>once materialized</i>) and does not involve any recurring cost, staff components and O&M etc.

	construction management, recurring expenses etc for its running/maintenance etc e.g.(running of Hostel building), has the SG agreed to take care of these activities.	The State Government has given full commitment to maintain post construction management and its associated cost.
4	Is the project in question supported/coverable under any other scheme of Central or State Government	<p>There is no scope to get fund from any other sources (<i>including NACO</i>) than the intended source (Ministry) for this project as they could not accommodate the nature of this project. Even if the department could receive maximum eligible fund from the State Government from SPA, the requirements of this project could not be met. However, the fundamental aim of the project is in tandem with the initiatives taken at the Central level.</p> <p>Thus the fund sought from the Ministry for the project is complementary to the efforts of Central and State government.</p>
5	Whether the cost indicated in the concept paper is based on the latest SOR	Yes, the Cost estimate/Plinth area estimate attached herewith is legitimately based on the latest MPWD SOR 2019
6	Whether the project is at single location with detailed lat-long information	<p>Yes the project is at a single location being allotted by the State Government purely for the said project.</p> <p>GPS Coordinates: 23°43'31"N 92°42'14"E</p>
7	Quantified output of the project	<p>As clearly indicated in <i>developmental objectives section</i> of the project, the major output of the project will be:</p> <ol style="list-style-type: none"> 1. Creation of Capital assets. 2. Strengthening of Mizoram SACS 3. Access & Equity on service platform 4. Creation of knowledge centre 4. Significant reduction of public health threat.
8	Outcome of the project (population targeted to be benefitted on completion)	To achieve the Sustainable Developmental Goals (SDG) target 3.3, which is to End AIDS as a Public Health Threat, UNAIDS developed a target of 95-95-95 by 2030 i.e., 95% of people living with HIV should know their HIV status; 95% of people who know their status should be on treatment; and 95% of people on treatment should have suppressed viral loads. The Mizoram state had achieved 69-

	<p>91.5-92 till March 2021. <i>The HIV Resource Centre will accelerate the Mizoram performance as follows.</i></p> <p>1) Research centre will generate evidences (policy, behavioral, operational etc) to identify social & programmatic gaps and to developed state specific innovative interventions.</p> <p>2) Training of MSACS staff (306 nos), Targeted Interventions NGOs (953 nos) and development partners (120 nos) in new strategies like Index testing (Contact tracing and HIV testing), Accompanied Referral, Differential Service Delivery Method etc.</p> <p>3) Training of State Health Care Providers like Medical Officer, Staff Nurse, Pharmacist, one (l) Laboratory Technicians, Health Workers etc in batches to facilitate integration of HIV services into the general healthcare services.</p> <p>4) Sensitization of Government Departments, CBOs (YMA, MHIP, MUP etc), NGOs and religious groups is crucial to undertake multi-sectoral interventions.</p> <p>5) Real-time monitoring of HIV services form the Resource centre to closely monitor different HIV related activities and to gather information for further course of action.</p>
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**PLINTH AREA ESTIMATE FOR CONSTRUCTION OF STATE RESOURCE CENTRE
FOR HIV/AIDS AT AIZAWL, MIZORAM**

(Estimation Based on Plinth Area rates of PWD Schedule Of Rates,2019)

Sl.No.	Item No.	Particulars of Item	Floor Ht. in m	Unit	Quantity	Rate	Amount
1	1.3.1	Ground Floor	3.30	Sqm	100.00	31000.00	31,00,000.00
	1.1.1 (B)	First Floor	3.30	Sqm	250.00	31000.00	77,50,000.00
	1.1.1 (B)	Second Floor	3.30	Sqm	250.00	31000.00	77,50,000.00
	1.1.1 (B)	Third Floor	3.30	Sqm	250.00	31000.00	77,50,000.00
	1.1.1 (B)	Fourth Floor	3.30	Sqm	180.00	31000.00	55,80,000.00
Total (A) :							3,19,30,000.00
2	3.3	Internal Electric Installation			12.5% of Total (A)		39,91,250.00
3	3.1	Internal water supply and sanitary Installation			4% of Total (A)		12,77,200.00
4	3.2	External Service Connections			5% of Total (2+3)		2,63,422.50
5	3	Development of site		sqm	100.00	5500.00	5,50,000.00
7		Fire Fighting (Non schedule) (Fire extinguisher)					1,54,000.00
10	3.6.7	Telephone Conduits			0.5% of Total(A)		1,59,650.00
11	3.6.9	Computer conduiting			0.5% of Total(A)		1,59,650.00
13	2.5	Water tank (Underground Sump)		litre	10000.00	25.00	2,50,000.00
14	2.1	Overhead tank with independent staging		litre	4000.00	25.00	1,00,000.00
Total (B) :							69,05,172.50
Total (A + B) :							3,88,35,172.50
<i>Add 2% for Contingencies :</i>							7,76,703.45
<i>Add 1% for Labour cess :</i>							3,88,351.73
Grand Total :							4,00,00,227.68
Say :							4,00,00,000.00

(Rupees Four crore only)

IMPLEMENTATION SCHEDULE																			
Name of project : CONSTRUCTION OF STATE RESOURCE CENTRE FOR HIV / AIDS AT AIZAWL, AIZAWL DISTRICT, MIZORAM																			
Sl. No.	Items/Activities	Units	1st Year *								2nd Year *								TOTAL (in lakh)
			1st qtr		2nd qtr		3rd qtr		4th qtr		1st qtr		2nd qtr		3rd qtr		4th qtr		
			Phy %	Fin lakhs	Phy %	Fin lakhs	Phy %	Fin lakhs	Phy %	Fin lakhs	Phy %	Fin lakhs	Phy %	Fin lakhs	Phy %	Fin lakhs	Phy %	Fin lakhs	
1	Construction of State Resource centre for HIV/AIDS building	1	15	60.00	30	60.00	45	60.00	60	60.00	70	40.00	80	40.00	90	40.00	100	40.00	400.00

* Physical percentage (Phy %) is cumulative but Financial Status (Fin lakhs) is not cumulative.

SCHEDULE OF CONSTRUCTION WORK PROGRAMME/ BAR CHART																											
Name of Work :		Construction of State Resource Centre for HIV/AIDS at Aizawl																									
Estimated Amount :		Rs. 4,00,00,000.00 (Rupees four crore only)																									
Period of Projects :		24 months from issue of Work Order																									
Sl. No.	Description of Work/Items	Time																									
		1st Year												2nd Year													
		1st Month	2nd Month	3rd Month	4th Month	5th Month	6th Month	7th Month	8th Month	9th Month	10th Month	11th Month	12th Month	13th Month	14th Month	15th Month	16th Month	17th Month	18th Month	19th Month	20th Month	21st Month	22nd Month	23rd Month	24th Month		
1	Mobilization																										
2	Earthwork (Site preparation & Foundation)																										
3	PCC works																										
4	Stone work																										
5	RCC Works																										
8	Aluminium work (window)																										
6	Woodwork (chaukat & Door)																										
7	Brick Works																										
10	Plastering																										
9	Steel work (Railing & Grill)																										
11	Door & Window Fitting																										
12	Water supply & Sanitary fitting																										
13	Electrification																										
14	External connection for sl.no 12 & 13)																										
15	Painting																										
16	Finishing work																										

Annexure -I

GOVERNMENT OF MIZORAM
HEALTH & FAMILY WELFARE DEPARTMENT
Aizawl: Mizoram

Land Availability Certificate

This is to certify that there is enough space in the proposed location with a total area coverage of around **445.23** Sq.mt of land wherein all the structure proposed will be suitably allocated by the Department for the project "Construction of State Resource Centre for HIV/AIDS at Aizawl, Mizoram".

Particulars of Land Holdings is given below:

Sl.no	Location	Brief Description	Area Specification as per detailed survey (in Sqm)	Land Allotment No. Under General Administrative Department Gov't of Mizoram
1	Mizoram New Capital Complex (MINECO)	Allotment of Land (Plot No. B-20) for the project vide letter No. No.D.11012/1/2019-GAD. Dt. 28.August.2020	445.23 (approx. Sqm)	Plot No. B-20



(R.LALRAMNGHAKA)IAS

Special Secretary to the Government of Mizoram,
 Health & Family Welfare Department.

Annexure -II

GOVERNMENT OF MIZORAM
HEALTH & FAMILY WELFARE DEPARTMENT
Aizawl: Mizoram

Non-duplication Certificate

This is to certify that fund has never been received in any manner from any funding sources/agencies including the incumbent Ministry till date for the project proposal named "Construction of State Resource Centre for HIV/AIDS at Aizawl, Mizoram" under Health & Family Welfare Department, Govt. of Mizoram.



(R.LALRAMNGHAKA)IAS

Special Secretary to the Government of Mizoram,
Health & Family Welfare Department.

23

No.D. 11012/1/2019-GAD
GOVERNMENT OF MIZORAM
GENERAL ADMINISTRATION DEPARTMENT
Mizoram Secretariat, Mizoram New Capital Complex, Khatla, Aizawl -796001

ALLOTMENT OF SITE

Aizawl 28th August, 2020

As per approval of the Mizoram New Capital Complex (MINECO) Management Committee held on 29.07.2020, Health & Family Welfare Department is hereby allotted a Plot No. B- 20 measuring 445.23 sq.m. in the Mizoram New Capital Complex (MINECO) for construction of office building of Mizoram State AIDS Control Society (MSACS).

The allotment is subject to the condition that no Land Lease shall be issued and the allotment shall be treated as automatically cancelled if construction work is not started within 2(two) years from the date of allotment.

The allotted Department should follow building regulations laid down by the Aizawl Municipal Corporation. The Department is requested to accommodate vehicle parking lot and canteen within the building and, also to submit drawings of the building plan to the Building Plan Approval Committee (BPAC) for approval.

The allotment is done on right of use basis only and the ownership of the land shall remain with the State Government. The allottee shall not use the land for any purpose other than the one specified in this order.

Sd/- LALNUNMAWIA CHUAUNGO
Chief Secretary to the Govt. of Mizoram

Aizawl, the 28th August, 2020

Memo No.D. 11012/1/2019-GAD

Copy to :-

- 1) Sr. P.P.S. to Chief Secretary, Government of Mizoram.
- 2) P.S. to Minister, Health & Family Welfare Department.
- 3) P.S. to Secretary, Health & Family Welfare Department. Commencement of work should be intimated to GAD and Chief Architect, PWD. A copy site/plot map is enclosed herewith.
- 4) Principal Director, Health & Family Welfare Department for information.
- 5) Project Director, Mizoram State AIDS Control Society (MSACS) for information.
- 6) Chief Architect, PWD.
- 7) Guard File.

*Admin
M 3/28/2020*

Rumi 28/8/2020
(ROCHUANGKIMI KHENGLAWT)
Under Secretary to the Govt. of Mizoram
General Administration Department

ANNEXURE-M

28th meeting of IMC/NESIDS Committee scheduled on 02.06.2021

**I. CHECKLIST-CUM-AGENDA NOTE FOR RETENTION/SELECTION OF PROJECTS
(to be submitted by Programme Division, MDoNER)****Agenda Item No.:****State: Mizoram**

Name of Project: (i) Purchase of 2 (Two) Truenat Quattro Machines in Mizoram to Combat Pandemic Covid-19 (For Lawngtlai & Serchhip District; and (ii) Purchase of screening & confirmatory Chip for Truenat Quattro installed in District Headquarters to last approximately six months.

Project Description/Summary (not exceeding 200 words): The aims and objectives to augment the existing TrueNat laboratories in combating the pandemic by purchase of additional machine for Lawngtlai, Serchhip and rest kits for all the TrueNat Laboratories at the District Headquarters. Diagnostic facility i.e. TrueNat Laboratory has been established at all the district headquarters, however there are only one each TrueNat quarto machine at District Headquarters which is not sufficient for districts like Lawngtlai and Serchhip as they have more case load. This project is prepared to enhance the preparedness in the fight against the pandemic situation in the State so as to enable adequate no. of test that can be conducted at the District Headquarters. (i) Purchase of 2 (Two) Truenat Quattro Machines in Mizoram to Combat Pandemic Covid-19 (For Lawngtlai & Serchhip District; and (ii) Purchase of screening & confirmatory Chip for Truenat Quattro installed in District Headquarters to last approximately six months.

Stage 1: Selection/Sanction of the Project**1****General Information**

1.1	Estimated Cost (as per concept note/Proposal) (Final/revised, which is under consideration)	Rs.333.01 lakh
1.2	Whether lying in backward areas	yes
1.3	Sector: (Physical infrastructure relating to _____ (Water supply/Power/Connectivity - mention as applicable or creation of infrastructure in social sector in the areas of _____ (Primary/Secondary Sectors of Education/Health - mention as applicable)	Health Sector
1.4	Project Linkages with Promotion of Tourism (not exceeding 100 words):	
	Tourism potential: NO	

1.5	Whether independent /new project or part of any other project of any other Ministry/SG/Agency, whether proposed, sanctioned or ongoing	Yes, it is a new project. The project is not proposed in any other Ministry.		
1.6	If the project involves O & M, staff components, post construction management, recurring expenses etc for its running/maintenance etc e.g.(e.g.running of a Hostel building), has the SG agreed to take care of these activities	SG has not requested fund for such components. The SG will be responsible and take care of recurring expenses and maintenance once the project is completed.		
1.7	Broad Breakup of Major Components of the project Cost as per concept note	Breakup of Major Components of the projects as per Concept Note (figure in Rs.)		
	Particulars	Qty.	Rate	Amount
(i)	TrueNat Quattro Machine	2	1446000.00	29,12,000.00
(ii)	TrueNat Test Kit:- a) Screening Chips BETA COV b) Confirmatory Chip-SAR COV2	a) 250000 Nos. b) 3048 Nos.	a) 1120.00 b) 784.00	a) 2,80,00,000.00 b) 23,89,632.00
	Sub Total			30389632.00
	Grand Total			33301632.00
1.7A	Out of above, SG's Contribution in the Project Cost, if any	Nil		
1.7B	Out of above, Contribution from any other Ministry/Agency in the Project Cost, if any	Nil		
1.8	Date of receipt of proposal/concept note from State Government (SG)	31.05.2021		
1.9	Original			
1.10	Revised (if any)			
2	Is the project in question supported/coverable under any other scheme of Central or State Government	No		
3	Normative allocation of SG and related details			
4	List of line Ministries/IFD/Technical Wing/others to whom circulated for comments along with dates of circulation and date of receipt of comments, if any:			

	Name of line Ministry/IFD/Technical Wing/Others	Date of sending for comments	Date of receipt of comments (if any)		
	IFD, MDoNER		No comments received till date		
	Technical Wing, MDoNER		No comments received till date		
	Ministry of Health & Family Welfare		No comments received till date		
	Niti Aayog		No comments received till date		
5	Whether proposal has been accompanied with the following documents				
	(a) Concept Note	Yes. Concept paper is at p...../c			
	(b) Abstract of cost/Broad break up of costs	Yes, at p...../c			
	(c) Approval of CS	Yes.			
	(d) Any other (pl. specify)	Yes/No (relevant extract at page ____)			
6	Comments of line Ministries/IFD/Technical Wing/Others in brief (attached as per Annexure-__)				
7	Important observations/comments of Prog. Division				
	<p>The will create additonal facility and improve the testing capacity for Covid-19 at the ten (10) districts during this pandemic. These ten District TruNat Laboratories can serve the purpose of future epidemic/pandemic situation that could arise in the state. Population targeted to benefit by the project is the population of all the ten districts where TrueNat Laboratories have been installed. After due scrutiny, the PD recommends the proposal for consideration in the IMC.</p>				


 (Dated Signature & Name of
 Under Secretary concerned)

Comments of consulted line Ministries/IFD/Technical Wing, MDoNER

No. Sales

LALNUNMAWIA CHUAUNGO, IAS
 Chief Secretary
 Government of Mizoram



Aizawl- 796001
 Office : 0389-2322411, 2322429
 Fax : 0389-2322745
 E-mail: cs_miz@rediffmail.com
 cs-mizoram@nic.in

D.O. No. G.35001/IMC/1/2019-PLG(RDB)

Dated Aizawl, the 31st May, 2021.

Dear 

In response to the letter No. NESIDS/6/2019-O/o DIR1(NLCPR) dated 7th May 2021 received from Deputy Secretary, Ministry of DoNER, I am submitting herewith concept notes of the following proposal for funding under NESIDS for Strengthening Health Infrastructure in North East in the State of Mizoram to effectively deal with the upsurge of COVID- 19 in addition to the State Priority Projects already submitted

- 1) Purchase of 2(two) Nos of Truenat Quatro Machine – Rs. 29,50,000/-
 - 2) Purchase of Screening and confirmatory chips for TrueNAT Quatro installed in District Headquarters to last approximately 6 months- Rs. 3,03,52,000/-
 - 3) Purchase of Rt-PCR reagents & RNA Extraction kits to last for approximately 6 months- Rs. 2,56,87,984/-
 - 4) Renovation/upgradation of NICU/PICU and HDU at ZMC- Rs. 3,46,89,652/-
- Total: Rs. 9,36,79,636/-

This has approval of the Hon'ble Chief Minister, Mizoram.

With warm regards

Yours 


 (LALNUNMAWIA CHUAUNGO)

Dr Inderjit Singh,
 Secretary,
 Government of India
 Ministry of DoNER,
 Vigyan Bhavan Annexe
 Maulana Azad Road, New Delhi - 110011

CONCEPT PROPOSAL FOR

- 1) PURCHASE OF 2(TWO) TRUENAT QUATTRO MACHINES IN MIZORAM TO COMBAT PANDEMIC COVID-19 (FOR LAWNGTLAI AND SERCHHIP DISTRICT)**
- 2) PURCHASE OF SCREENING AND CONFIRMATORY CHIPS FOR TRUENAT QUOTTRO INSTALLED IN DISTRICT HEADQUARTERS TO LAST APPROXIMATELY SIX MONTHS**

Project Amount: Rs 3,33,01,632.00

(Rupees three crore thirty three lakh one thousand six hundred thirty two) only

For possible funding under NESIDS

Submitted by:

Directorate of Hospital & Medical Education

Health & Family Welfare Department

Govt. of Mizoram

29th May, 2021

CONCEPT PROPOSAL FOR AUGMENTATION OF EXISTING TRUENAT LABORATORIES AT THE TEN (10) DISTRICT HOSPITALS IN THE FIGHT AGAINST THE SECOND WAVE OF COVID-19 PANDEMIC.

1. TITLE OF THE PROJECT:

Concept proposal for augmentation of existing TrueNat Laboratories at the ten (10) District Hospitals in the fight against the Second Wave of covid-19 pandemic by:

- 1) Purchase of 2 (two) nos of Truenat Quattro Machines for District Hospital Lawngtlai and Serchhip, Mizoram.
- 2) Purchase of Screening and confirmatory chips for TrueNat Quattro installed in the District Headquarters to last approximately six (6) months.

2. AIMS AND OBJECTIVES:

The aims and objectives of the project are-

- The aims and objectives is to augment the existing TrueNat Laboratories in combating the pandemic by purchase of additional machines for Lawngtlai , Serchhip and test kits for all the TrueNat Laboratories at the District Headquarters.
- With the surge of Covid-19 positive patients in the second wave of the Pandemic affecting the entire world, India has become the worst hit country. Even a remote state like Mizoram is not spared by this pandemic. Diagnostic facility i.e. TrueNat Laboratory has been established at all the district headquarters, however there are only one each TrueNat quarto machine at District Headquarters which is not sufficient for districts like Lawngtlai and Serchhip as they have more case load.
- It is also felt necessary to prepare for the possible third wave for which this project is submitted.
- This project is prepared to enhance the preparedness in the fight against the pandemic situation in the State so as to enable adequate no. of test that can be conducted at the District Headquarters.

3. DURATION :

Once it is sanctioned procurement process and installation for the two (2) TrueNat Quattro at Lawngtlai and Serchhip would be completed within 2 to 3 months and TrueNat Test Kits distributed to all the District Headquarters within the same time frame.

4. PROJECT DESCRIPTION:

- 1) **Project Goal** : The goal of this project is to augment the existing Covid diagnostic facility i.e. ten TrueNat Laboratories at the District Headquarters by providing additional machines for Lawngtlai and Serchhip with adequate supply of test kits for all the ten laboratories.
- 2) **Project Area**: The project area is the already existing ten (10) TrueNat Laboratories at the Districts by augmenting additional machines and adequate test kits.
- 3) **Target Group** : The target of this project is to offer quality diagnostic facilities for covid-19 pandemic to the population of the ten (10) districts in the State.
- 4) **Problems to be address** : The existing ten (10) TrueNat Laboratory facilities are inadequate to meet the present second wave situation and possible outbreak of third wave for which fund is required.

5. LOCATION:

The location for installation of two (2) TrueNat quattro machines are at Lawngtlai District -the Lat-Long information is 22.5284° N, 92.8926° E and Serchhip District-the Lat- Long information is 23.3417° N, 92.8502° E. The distribution for the TrueNat test chips are the ten (10) TrueNat Laboratories at the District Headquarters except Aizawl District.

7. BENEFICIARY ORIENTED (Yes/No):

The proposed project will be benefitted by patients or suspected Covid19 cases of the ten (10) districts where TrueNat Laboratories are functioning.

8. STRATEGY/ACTION PLAN:

The action plan of this project is to strengthen the existing Covid diagnostic facility in the respective ten (10) District Headquarters.

9. MONITORING AND EVALUATION INDICATORS :**1) Management arrangements :**

The project will be managed by Directorate of Hospital & Medical Education, Health & Family Welfare Department, Government of Mizoram

2) Implementation arrangements:

The project is to be implemented by the State Health & Family Welfare Department in accordance with all codal formalities.

3) Monitoring and Evaluation arrangement :

Monitoring and evaluation of the project will be done by the Directorate of Hospital & Medical Education, Healthy & Family Welfare Department.

10. PROJECT SUSTAINABILITY (How will the activities be sustained after project support is completed) :

Once the project is completed, the maintenance and recurring expenses will be sustained by the Department of Health & Family Welfare, Government of Mizoram.

11. PROPOSED BUDGET FOR THE PROJECT :

Sl.No	Items	Quantity	Rate	Amount
1.	TrueNat Quottro Machine	2	Rs.14,56,000/-	Rs. 29,12,000.00
	Sub Total			Rs. 29,12,000.00
2.	TrueNat Test Kit: a)Screening Chips BETA COV b)Confirmatory chips-SAR COV2	25000 nos. 3048 nos.	Rs. 1120/- Rs 784/-	Rs. 280,00,000.00 Rs 23,89,632.00
	Sub Total			Rs 3,03,89,632.00
	Grand Total			Rs 3,33,01,632.00

The Total cost of the proposed project is Rs 3,33,01,632.00 (Rupees three crore thirty three lakh one thousand six hundred thirty two) only.

PROJECT WISE INFORMATION

Project Linkages with Promotion of Tourism (not exceeding 100 words)

The proposed project falls under the health sector and therefore there is no direct linkages with promotion of Tourism in the State.

Project Description/Summary (not exceeding 200 words)

The Govt. of Mizoram in combating covid-19 situation had established TrueNat Laboratories at the ten (10) District Headquarters except Aizawl District in the year 2020-2021 at the following District Hospitals viz. Siaha, Lawngtlai, Lunglei, Serchhip, Champhai, Kolasib, Mamit, Hnahthial, Saitual, Khawzawl. This was somehow adequate to overcome the first wave of the pandemic. With the advent of the second wave of the pandemic in the country-the state of Mizoram is not spared and the prevalence of covid-19 has rapidly reason in all parts of the State. Therefore, it is necessary to augment the testing capacity at the district level by installing additional TrueNat Quattro machine at district where prevalence rate is higher i.e. Lawngtlai District and Serchhip District. Moreover, it is necessary to furnish all the districts TrueNat Lab with adequate supply of test kits.

For this reason concept proposal is prepared to augment the testing facility at the districts so that suspected Covid-19 case can be diagnosed at the earliest possible in order to offer proper treatment.

Additional information:

1. Whether lying in backward areas

= Yes

2. Whether independent/new project or part of any other project of any other Ministry/SG/Agency, whether proposed sanctioned or ongoing

= The proposed project is a new project and is not included in any part of projects under Ministry/SG/Agency.

3. If the project involves O&M, staff components, post construction management, recurring expenses etc. for its running/maintenance etc. (E.G. : Running of a Hostel building), has the SG agreed to take care of these activities

= The State Government will be responsible and take care of recurring expenses and maintenance once the project is completed.

4. Is the project in question supported/coverable under any other scheme of Central or State Government

= No

5. Whether the cost indicated in the concept paper of the project is based on latest SOR

= Not applicable as the project does not involve construction works.

6. Whether the project is at single location with detailed lat-long information

= No, the proposed project does not include infrastructure i.e. civil work component as it is mainly projected to augment the already existing ten (10) TrueNat Laboratories at the District Headquarters.

7. Quantified Output of the project

= The project will create additional facility and improve the testing capacity for covid-19 at the ten (10) districts during this pandemic. These ten Districts TrueNat Laboratories can serve the purpose of future epidemic/pandemic situation that could arise in the state. Also these laboratories can be utilised for routine purposes for diagnosis of other diseases.

The proposed project will greatly enhance the healthcare delivery services to the population of the ten (10) districts.

8. Outcome of the project (Population targeted to be benefitted on completion)

= The population targeted to benefit by the project is the population of all the ten districts where TrueNat Laboratories have been installed.

NON DUPLICITY CERTIFICATE

This is to certify that the project for purchase of 2 (two) nos. of TrueNat Quattro Machine for District Hospital Lawngtlai , Champhai and TrueNat Test Kits for 10(ten) TrueNat Laboratories at the District Hospitals has not been sanctioned/taken up/proposed to be taken up for funding under any other Scheme of the State or the Central Government or any other funding agencies.


(R. LALRAMNGHAKA, IAS)
Special Secretary
Health & Family Welfare Department
Government of Mizoram
Special Secretary
Health & Family Welfare Deptt.
Government of Mizoram



Date- 28.05.2021

To,
The DME Aizwal
Mizoram

Sub: QUOTE FOR THE TRUE NAT RTPCR MACHINE FROM MOLBIO

Respected Sir,

Please refer to the discussion which the undersigned had with your department regarding our RTPCR system QUATTRO, I would like to submit the final offer / quotation for the same.

Molbio Diagnostics Pvt Ltd, the leader in diagnostic paradigms provides completely new and innovative, Patented, disease specific, chip based Real Time PCR System. With its relevant analytes, Specific disease can be detected through our Real Time PCR System.

With this revolutionary Real Time Micro PCR System the deadly diseases can be detected like Dengue, Chikungunya, H1N1, Hepatitis B Virus Quantification(Viral Load), Hepatitis C Virus, HAV, HEV,HIV, Mycobacterium Tuberculosis, Extra Pulmonary TB, Malaria Pf/Pv, Salmonella,Chlamydia,Scrub Typhus, E|Gonorrhea, Tricomonas, HPV, COVID-19 till date, through this PCR Technology.

We really envisage that our system can realistically change the diagnostic paradigms for early & correct detection of Infectious disease in other conditions in terms of "Simplified Sophistication" and are now keen to explore further for your organization.

We would appreciate your feedback and direction on our way forward in case you decide to make use of this "Game Changer" within your esteemed health care institute.

Hereby requesting you to go through the attachments furnished herewith pertaining to the commercials for the Real Time PCR System from MOLBIO DIAGNOSTICS PVT LTD.

The Real Time PCR System chips are pre-loaded, ready to use, and disposable. They are disease-specific and can be run on the Truelab UNO Dx/DUO/QUATTRO to get a quantitative Real-Time PCR result. It enables fast, accurate and reliable near care testing, and is easy to use requires minimum training. The sample preparation is done with the help of Trueprep AUTO, the fully automated Nucleic Acid extraction device.

I would like to request you to find the Advantages of our system and I would like to take the pride to share our Recommendations from various prestigious institutions through all over India, Evaluations and Validations with Study reports till date followed by detailed quotation on pricing of the system and Cost Per Tests.

Molbio Diagnostics Private Limited

Regd. Office & Works: Plot No. L-46, Phase II D, Verna Industrial Estate, Verna - Goa 403722, INDIA

Tel: +91-832-2783267 E mail: admin@molbiodiagnosics.com

Email: sales@molbiodiagnosics.com Website: www.molbiodiagnosics.com CIN:

U33125GA2000PTC002909 GSTN:30AACCM8275E120



QUATTRO QUOTE:4-CHANNEL CAN PERFORM 40-45 TESTS PER 8 HRS SHIFT

CAT NO.	ITEM DESCRIPTION	QUANTITY	PRICE
603010001	Truelab Real Time Micro PCR workstation comprising	01	
603020001	Truelab QUATTRO real Time microPCR analyzer	01	
603040001	Trueprep AUTO device	02	
603050001	Truelab micro PCR Bluetooth Printer	01	
603060001	SMPS	02	
604010006	Truepet 6ul	01	
	<ul style="list-style-type: none"> TOTAL PRICE INCLUDES 12% GST 1 YEAR WARRANTY FREIGHT HANDLING 		RS.14,56,000.00 (Rupees Fourteen Lacs Fifty Six Thousand only)

SPECIAL TERMS & CONDITIONS

- DELIVERY PERIOD:** 15-20 DAYS from received of confirmed order with payment from Molbio Diagnostics Pvt. Ltd..
- WARRANTY PERIOD:** Standard warranty terms of 12 months from the date of successful Installation
- PAYMENT:** Full in advance through cheque or DD or RTGS favoring " MOLBIO DIAGNOSTICS PVT. LTD
- INSTALLATION AND TRAINING:** Installation and Training will be provided by Company personnel at site.
- AFTER SALES SERVICE:** After sales Service will be provided by Company personnel based at Kolkata & Guwahati.
- VALIDITY OF THE QUOTATION:** Up to 27.06.2021

For any further clarification, please feel free to contact the undersigned.

Thanking you,

DR. PALLAB SAHA,
 Business Head - East, North East and SAARC
 Molbio Diagnostics pvt. Ltd.
 Kolkata
 M-7348814730

Molbio Diagnostics Private Limited

Regd. Office & Works: Plot No. L-46, Phase II D, Verna Industrial Estate, Verna - Goa 403722, INDIA

Tel: +91-832-2783287 E mail: admin@molbiodiagnosics.com

Email: sales@molbiodiagnosics.com Website: www.molbiodiagnosics.com CIN:

U33125GA2000PTC002909 GSTN:30AACC6275E120



Date- 10.11.2020

To,
DHME
Aizwal
MIZORAM

Sub: QUOTE FOR THE TRUE NAT RTPCR COVID-19 REAGENTS

Respected Madam,

Please refer to the discussion which the undersigned Had with you regarding the COVID-19 ON OUR RTPCR system DUO & QUATTRO , I would like to submit the final offer / quotation for the same.

SPECIAL TERMS & CONDITIONS

1. **DELIVERY PERIOD:** 15-20 DAYS from received of confirmed order with payment.
2. **PAYMENT:** Full in advance through cheque or DD or RTGS favouring " MOLBIO DIAGNOSTICS PVT. LTD.
3. VALIDITY OF THIS QUOTATION BECAUSE OF COVIT-19 PANDEMIC - UPTO 30TH NOVEMBER 2020

Please find below the quote of reagents

Sr.No	ITEM	50 Test	20 Test	Cost per test(Rs) Including 12% GST
		Rate(Rs)	Rate(Rs)	
1	*Covid 19	56000	22400	1120
	A. ATM	5600	2240	
	B. USPT	2800	1120	
	C. USPK	8400	3360	
	D. Chip	39200	15680	
2	*Beta Co	56000	22400	1120
	A. ATM	5600	2240	
	B. USPT	2800	1120	
	C. USPK	8400	3360	
	D. Chip	39200	15680	

Molbio Diagnostics Private Limited

Regd. Office & Works: Plot No. L-46, Phase II D, Verna Industrial Estate, Verna - Goa 403722. INDIA

Tel: +91-832-2783267 E mail: admin@molbiodiagnostics.com

Email: sales@molbiodiagnostics.com Website: www.molbiodiagnostics.com CIN:

U33125GA2000PTC002909 GSTN:30AACCM8275E1ZO



3	*Sars CoV-2	39200	15680	784
	A. ATM	NA	NA	
	B. USPT	NA	NA	
	C. USPK	NA	NA	
	D. Chip	39200	15680	
NOTE: * Price Including A+ B + C + D				

DR. PALLAB SAHA,
Business Head - East, North East and SAARC
Molbio Diagnostics pvt. Ltd.
Kolkata
M-7348814730

Molbio Diagnostics Private Limited

Regd. Office & Works: Plot No. L-46, Phase II D, Verna Industrial Estate, Verna - Goa 403722, INDIA

Tel: +91-832-2783267 E mail: admin@molbiodiagnostics.com

Email: sales@molbiodiagnostics.com Website: www.molbiodiagnostics.com CIN:

U33125GA2000PTC002909 GSTN:30AACCM8275E1ZO



Date- 02.12.2020

To,
DHME
MIZORAM
Respected Sir/Madam,

As per the last quote , please find attached the quote for the reagents pricing which were changed and applicable to all state of North East, only the variations may be freight and courier charges if any .

Thanks
with best regards



DR. PALLAB SAHA,
Business Head - East, North East and SAARC
Molbio Diagnostics pvt. Ltd.
Kolkata
M-7348814730

Molbio Diagnostics Pvt. Ltd.

Regd. Office: 11, 1st Floor, Sagar Society, Daria Pukur, Barisal, W. Bengal-700045 (INDIA)
Works: Plot No. C-46, Phase II D, Vardaan Industrial Estate, Vardaan, Gurgaon-122006 (INDIA)



PROPRIETARY ARTICLE CERTIFICATE

This is to certify that Molbio Diagnostics (P) Limited, (Factory) Plot No.M-46/47, Phase III B, Verna Industrial Estate, Goa 403722 and (Head Office) No. UGO – 7, Ground Floor, Ambrosia Residency, Cabesa, Alto Santacruz, Goa-403005 is the Manufacturer and marketer of the patented "Truelab Real Time Micro PCR/RTPCR Systems" Comprising of the Truelab Workstation and the Trueprep AUTO Reagents along with Truenat micro PCR/RTPCR Chips.

Both the Truelab Real Time micro PCR Analyzer and the Truenat Micro PCR /RTPCR chips are protected by International Patents & Patent Pending and corresponding claim of any foreign counterpart(s) thereof, and hence the said products are proprietary in nature.

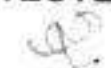
For Molbio Diagnostics (P) Ltd.



 Authorised Signatory



**TRUE COPY
ATTESTED**


 S.K. TITWARI NOTARY
 Regn. No - 3707, Chhatrapati
 Chhatrapati, India

20 JUL 2018

Molbio Diagnostics Pvt. Ltd.

Regd. Office: H. No. 13, Sagar Society, Dona Paula, Panaji, N. Goa 403 004, INDIA
 Works: Plot Nos. M-46-47, Phase III - B, Verna Industrial Estate, Verna - Goa 403 722, INDIA

Tel: 91 832 2783267/6624783 E-mail: admin@molbiodiagnosics.com

Office: No. UGU-7, Ground Floor, Ambrosia Residency, Cabesa, Alto Santacruz, Goa - 403 005, INDIA

Tel: 91 832 2458111/2458112 Email: sales@molbiodiagnosics.com

Website: www.molbiodiagnosics.com CIN: U33125GA2003PTC002909

ANNEXURE-N

28th meeting of IMC/NESIDS Committee scheduled on 02.06.2021

I. CHECKLIST-CUM-AGENDA NOTE FOR RETENTION/SELECTION OF PROJECTS
(to be submitted by Programme Division, MDoNER)

Agenda Item No.:**State: Mizoram**

Name of Project: Renovation/Upgradation of NICU/PICU and HDU at Zoram Medical College, Falkawn, Mizoram for combating Covid-19.

Project Description/Summary (not exceeding 200 words): The project aims in strengthening of hospital services at Zoram Medical College, Falkawn for combating Covid 19 by establishment of a fully functioning Pediatric Intensive Care unit (PICU) with 10 beds, Neonatal Intensive Care Unit (NICU) with 25 beds and High Dependency Unit (HDU) with 10 beds by means of renovation/upgradation of existing facility. The proposal is based on the present mandated requirement and immediate preparedness for the potential Third Wave of Covid-19, which is predicted by experts to begin on October-December of this year. Furthermore, the hospital was designated as a dedicated Covid-19 Hospital (DCH) on 20th March, 2020 and it provides specialized care to Covid-19 patients and needs specialized equipment and diagnostic facilities to cater to patients of all ages.

Stage 1: Selection/Sanction of the Project**1****General Information**

1.1 **Estimated Cost (as per concept note/Proposal) (Final/revised, which is under consideration)**

Rs.346.90 lakh

1.2 **Whether lying in backward areas**

No

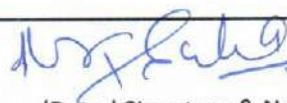
1.3 **Sector: (Physical infrastructure relating to _____ (Water supply/Power/Connectivity - mention as applicable or creation of infrastructure in social sector in the areas of _____ (Primary/Secondary Sectors of Education/Health - mention as applicable))**

Health Sector

1.4 **Project Linkages with Promotion of Tourism (not exceeding 100 words):**

	Tourism potential: yes, ZMC once established, as fully functional medical college will be able to cater the needs of patients from neighbouring countries like Bangladesh, Myanmar etc. and from neighbouring States in terms of medical treatment which will definitely benefit the State economy and tourism.	
1.5	Whether independent /new project or part of any other project of any other Ministry/SG/Agency, whether proposed, sanctioned or ongoing	Yes, it is a new project. The project is not proposed in any other Ministry.
1.6	If the project involves O & M, staff components, post construction management, recurring expenses etc for its running/maintenance etc e.g.(e.g.running of a Hostal building), has the SG agreed to take care of these activities	SG has not requested fund for such components. Once, the project is completed, it shall be managed and maintained by the Zoram Medical College. All the maintenance cost and management costs will be borne by the Govt. of Mizoram.
1.7	Broad Breakup of Major Components of the project Cost as per concept note	Breakup of Major Components of the projects as per Concept Note (figure in Rs.)
	Particulars	Amount
(i)	Requirement of for 25 bedded NICU	1,25,60,936.00
(ii)	Requirement for 10 bedded PICU	14804172.00
(iii)	Requirement for 10 bedded Hdu	7324544.00
	Grand Total	34689652.00
1.7A	Out of above, SG's Contribution in the Project Cost, if any	Nil
1.7B	Out of above, Contribution from any other Ministry/Agency in the Project Cost, if any	No
1.8	Date of receipt of proposal/concept note from State Government (SG)	31.05.2021
1.9	Original	

1.10	Revised (if any)		
2	Is the project in question supported/coverable under any other scheme of Central or State Government	No	
3	Normative allocation of SG and related details		
4	List of line Ministries/IFD/Technical Wing/others to whom circulated for comments along with dates of circulation and date of receipt of comments, if any:		
	Name of line Ministry/IFD/Technical Wing/Others	Date of sending for comments	Date of receipt of comments (if any)
	IFD, MDoNER		No comments received till date
	Technical Wing, MDoNER		No comments received till date
	Ministry of Health & Family Welfare		No comments received till date
	Niti Aayog		No comments received till date
5	Whether proposal has been accompanied with the following documents		
	(a) Concept Note	Yes. Concept paper is at p...../c	
	(b) Abstract of cost/Broad break up of costs	Yes, at p...../c	
	(c) Approval of CS	Yes.	
	(d) Any other (pl. specify)	Yes/No (relevant extract at page ____)	
6	Comments of line Ministries/IFD/Technical Wing/Others in brief (attached as per Annexure-__)		
7	Important observations/comments of Prog. Division		
	<p>The project focuses on procurement and installation of equipment required for establishment of the proposed units at Zoram Medical College and its attached State referral hospital, Falkawn, Mizoram. This project will therefore, help in strengthening the college and its hospital in fighting the current pandemic and focuses on enhancement critical care and upgradation of paediatric care facilities. After due scrutiny, the PD recommends the proposal for consideration in the IMC.</p>		


 (Dated Signature & Name of Under Secretary concerned)

Comments of consulted line Ministries/IFD/Technical Wing, MDoNER

[illegible]

W. Z. Sule

LALNUNMAWIA CHUAUNGO, IAS
Chief Secretary
Government of Mizoram



Aizawl- 796001
Office : 0389-2322411, 2322429
Fax : 0389-2322745
E-mail: cs_miz@rediffmail.com
cs-mizoram@nic.in

D.O. No. G.35001/IMC/1/2019-PLG(RDB)

Dated Aizawl, the 31st May, 2021.

Dear 

In response to the letter No. NESIDS/6/2019-O/o DIR1(NLCPR) dated 7th May 2021 received from Deputy Secretary, Ministry of DoNER, I am submitting herewith concept notes of the following proposal for funding under NESIDS for Strengthening Health Infrastructure in North East in the State of Mizoram to effectively deal with the upsurge of COVID- 19 in addition to the State Priority Projects already submitted

- 1) Purchase of 2(two) Nos of Truenat Quatro Machine – Rs. 29,50,000/-
 - 2) Purchase of Screening and confirmatory chips for TrueNAT Quatro installed in District Headquarters to last approximately 6 months- Rs. 3,03,52,000/-
 - 3) Purchase of Rt-PCR reagents & RNA Extraction kits to last for approximately 6 months- Rs. 2,56,87,984/-
 - 4) Renovation/upgradation of NICU/PICU and HDU at ZMC- Rs. 3,46,89,652/-
- Total: Rs. 9,36,79,636/-

This has approval of the Hon'ble Chief Minister, Mizoram.

With warm regards

Yours 



(LALNUNMAWIA CHUAUNGO)

Dr InderJit Singh,
Secretary,
Government of India
Ministry of DoNER,
Vigyan Bhavan Annexe
Maulana Azad Road, New Delhi - 110011

Concept Note on
“Renovation/Upgradation of NICU/PICU and HDU at
Zoram Medical College, Falkawn, Mizoram for
combating Covid 19”

Total Projected Cost: ₹ 3,46,89,652 /-

(Rupees Three Crore Forty Six Lakhs eighty Nine Thousand Six
hundred and Fifty Two only)

UNDER
NORTH EAST SPECIAL INFRASTRUCTURE
DEVELOPMENT SCHEME (NESIDS), MINISTRY OF
DEVELOPMENT OF NORTH EASTERN REGION,
GOVERNMENT OF INDIA



Submitted by:

Zoram Medical College, Falkawn

Health & Family Welfare Department, Government of Mizoram

1. **PROJECT TITLE:** “Renovation/upgradation of NICU/PICU and HDU at Zoram Medical College, Falkawn , Mizoram for combating Covid 19”
2. **NAME OF THE STATE :** Mizoram
3. **LOCATION OF THE PROJECT :** Zoram Medical College, Aizawl District , Falkawn, Mizoram -796005
4. **IMPLEMENTING AGENCY:** Zoram Medical College, Health & Family Welfare Department, Government of Mizoram.
5. **PROPOSED INTERVENTION:** The project aims in strengthening of hospital services at Zoram Medical College, Falkawn for combating Covid 19 by establishment of a fully functioning Pediatric Intensive Care Unit (PICU) with 10 beds, Neonatal Intensive Care Unit (NICU) with 25 beds and High dependency Unit (HDU) with 10 beds by means of renovation/upgradation of the existing facility.
6. **TOTAL ESTIMATED COST:** ₹3,46,89,652/-

(Rupees Three Crore Forty Six Lakhs eighty Nine Thousand Six hundred and Fifty Two only)

7. BACKGROUND AND PROBLEM TO BE ADDRESSED:

Mizoram is one of the North-Eastern states of India; it is a land -locked state whose southern part shares a 722 km. long international border with Myanmar and Bangladesh. Its northern part share domestic border with Manipur, Assam and Tripura, Mizoram is the fifth smallest state of India with an area of 21,087 km²; the tropic of cancer runs through the state nearly at its middle. The state's population, as per 2011 census, is 1,091,014; it is the second least populous state in the country.

Zoram Medical College (ZMC) is the first Medical College in Mizoram established by the Government of Mizoram through the up-gradation of State Referral Hospital, Falkawn, which is approximately 17 Kilometers from Aizawl, with an annual intake of 100 MBBS students and indoor bed strength of 300 beds, ICU, Central Laboratory and houses the only Covid 19 RT-PCR testing laboratory.

The medical college is still at its infant stage, major developmental works are still required for having a state of the art infrastructure as to meet the standards of a medical college. Moreover, the institution is yet to be recognized as a full-fledged medical college and still requires many facilities to achieve this milestone.

ZMC now caters to the entire state of Mizoram as; the hospital was designated as a dedicated Covid-19 hospital on 20th March, 2020 and is the only approved Covid-19 RT-PCR testing centre in the state. Being the only medical college and referral hospital in the state, it needs to have state-of-the-art facilities to provide specialized care to Covid-19 patients and needs specialized equipment and diagnostic facilities to cater to patients of all ages.

7. PROJECT DESCRIPTION & JUSTIFICATIONS OF PROPOSAL.

In the on-going pandemic, the state has seen a sharp rise in number of positive cases since April 2021. The daily average number of positive cases detected daily ranges from is above 200 -250 since late April 2021. As is the case in other parts of the country, the hospital is being overrun and the number of beds are inadequate, not to mention a small state like Mizoram where the health infrastructure is still grossly underdeveloped.

Experts have also predicted the possibility of Covid 19 third wave within the next 6 months in which they have warned that there is a high potential that it may affect the under 18 age group more as they have still not been initiated with the vaccination process. This makes them more vulnerable to the potential third wave as the virus is more likely to affect the unimmunized group. In the adult population, more people are being infected most in the first wave and second wave and many have developed immunity and many are now getting vaccinated. Children in the first wave we had only 4% (infection) across the country, in the second wave 10-15%. Additionally, the number of children with Covid-19 needing hospitalisation and intensive care has significantly gone up. This has brought children (or an additional 40% of the population) directly into the segment of patients suffering from Covid-19 infection who would need significant medical care.

Based on the demand of increased testing capacity in the state and potential shift in vulnerable age group towards younger population in the coming waves, the proposals for enhancing paediatric and neonatal critical care centres have been made accordingly.

10- BEDDED PAEDIATRIC INTENSIVE CARE UNIT (PICU) AND 25-BEDDED NEONATAL INTENSIVE CARE UNIT (NICU).

As per census 2011 , in Mizoram the population of under 5 age group is 121,233 which forms 11.05% and 5 to 19 years is 345,112 which is about 31.46% of the population. Therefore, the neonatal, under 5 and adolescence age group roughly compose 42.51 % of the total population which roughly half of the entire population of the state.

According to the SRS Bulletin Vol. 52 No. 1 published in May, 2020 (reference year 2018) national IMR average is 32 and that of Mizoram is 5.

Table: Birth Rate and IMR of India and smaller states

India/States/ Union Territories	Birth rate			Infant mortality rate		
	Total	Rural	Urban	Total	Rural	Urban
1	2	3	4	5	6	7
India	20.0	21.6	16.7	32	36	23
Smaller States						
1. Arunachal Pradesh	17.9	18.4	15.4	37	38	28
2. Goa	12.4	12.0	12.7	7	8	7
3. Himachal Pradesh	15.7	16.2	10.3	19	20	14
4. Manipur	14.3	14.5	13.9	11	12	9
5. Meghalaya	22.1	24.0	13.6	33	35	17
6. Mizoram	14.8	17.5	12.1	5	7	2
7. Nagaland	12.9	13.7	12.2	4	5	3
8. Sikkim	16.3	15.2	17.9	7	8	6
9. Tripura	13.0	13.7	11.2	27	26	31

Source:SRS Bulletin Vol. 52 No. 1 published in May 2020

NICU stands for Neonatal Intensive Care Unit. This is a nursery in a hospital that provides around-the-clock care to sick or premature babies. Newborn babies who

need intensive medical care are admitted here. The NICU has advanced technology and trained healthcare professionals to give special care for the tiniest patients. NICUs may also care areas for babies who are not as sick but do need specialized nursing care.

Having a NICU is one of the first steps towards reducing the IMR. Most babies who are preterm (born before 37 weeks of pregnancy), have low birth weight (less than 5.5 pounds), or have a health condition or in sever distress that needs special care may be admitted and cared for in the NICU. Babies with health conditions such as breathing trouble, heart problems, infections, or birth defects are also cared for in the NICU. Therefore, in the event of severe neonatal Covid 19 infection, children who requires intensive care would need an NICU for resuscitation and life support.

A Pediatric Intensive Care Unit (PICU) is required to provide specialized care to sick children between the ages of 0-18 who require the highest level of medical care. Children are admitted to the PICU when they are seriously ill and their medical needs cannot be met on the main hospital floors. They might be suffering from severe breathing problems from asthma, serious infections, heart conditions, complications of diabetes or involved in a serious accident. The primary objective is to enhance survival, augment recovery, minimize pain and mitigate any risk of disability. Substantial evidence indicates that outcome of critically ill children, treated in tertiary PICUs is superior to that of those treated in other settings.

According to a report, publish by Hindustan times on May 08, 2021 since last year, 3.05% (149,224) of total Covid 19 cases so far are from the age group of 0 to 10 years while 6.92% (338,397) are between 11 and 20 years, according to a report of medical education and drugs department. While all above the age of 18 years are covered for inoculation, there is no vaccine available for below 18 age group.

Fortunately, the disease has relatively less affected children so far due to several factors. The most important reason is the lesser expression of specific receptors to which this virus binds to enter the host and their immune system. A small percentage of infected children however, may develop moderate-severe disease. If there is a massive increase in the overall numbers of infected individuals, a larger number of children with moderate-severe disease may be seen. Severe illness related to COVID-19 is known to

occur in children. This includes pneumonia and MIS-C. However, COVID pneumonia in children is uncommon as compared to adults. In some cases, after 2-6 weeks of asymptomatic or symptomatic Covid-19 infection, 'Multi-system inflammatory syndrome (MIS-C),' may be seen due to immune dysregulation with the incidence of 1 2 cases per 100,000 population; some of these cases also may be severe which requires intensive care and monitoring. It is a treatable condition with a good outcome if diagnosed early and treated adequately.

A PICU and NICU are the two ICU has meant for the age group of 18 years and below. These centers are not yet established and functional at Zoram Medical College though the rooms have been earmarked and available. This proposal is based on the present mandated requirement and immediate preparedness for the potential Third wave of Covid -19, which is predicted by experts to begin on October – December of this year.

Therefore, it is imperative that the PICU and NICU be made functional at the earliest to mitigate the potential problems mentioned above as well as for early preparedness to cater to the needs of the neonatal and pediatric age groups in the event of upsurge of Covid 19 cases in the upcoming third wave.

10 BEDDED - HIGH DEPENDENCY UNIT (HDU)

A **high-dependency unit** is an area in a hospital, usually located close to the intensive care unit, where patients can be cared for more extensively than on a normal ward, but not to the point of intensive care. It is appropriate for patients who requires less intensive medical attention, patients who do not require ventilator but needs close monitoring and observation and for those with single-organ failure. Many of these units were set up in the 1990s when hospitals found that a proportion of patients was requiring a level of medical care that could not be delivered in a normal ward setting. This is proved associated with a reduction in mortality.

The proposed 10-bedded High-dependency units (HDUs) provide high-level care to patients who suffer from single organ failure, with the exception of respiratory failure requiring mechanical ventilation; HDUs serve as an intermediary between general wards and Intensive Care Units. In other words, HDU is a type of downgraded ICU, where ICU patients can be shifted out and observed for a few days before transfer to general wards and vice-versa. ZMC is presently devoid of this mandated unit. The present ICU beds (13) and ICU Annex (21 beds) are almost full every day as many patients who no longer require ventilation but still needs close monitoring are being kept in the ICU. Therefore, it would reduce the workload of the ICU beds and at the same time provides a more intensive care to recovering patients than general wards.

Therefore, it is anticipated that this unit will be utilized effectively during the Covid 19 pandemic, and for a possible third wave, and will be utilizable even after the pandemic for other diseases.

8. SCOPE OF WORK& LOCATION OF PROJECT

The project focuses on procurement and installation of equipment required for establishment the following units at Zoram Medical College and its attached State referral Hospital, Falkawn , Mizoram.

- Establish a fully functioning 10 bedded PICU and 25 bedded NICU,
- Establishment of fully functional 10 Bedded High dependency Unit (HDU)

The projects proposal location is at Zoram Medical College at Falkawn, Aizawl District of Mizoram situated in NH-54 about 17 kms from Aizawl city.



Lat 23.6229124

Long 92.728023

9. COMPONENT DETAILS & COSTING**9.1. REQUIREMENTS FOR 25-BEDDED NICU**

Sl. No.	ITEM	Quantity	Rate (₹)	Total (₹)
1	CPAP Machine	5	96,500	4,82,500
2	Blender (Oxygen and Air Blenders)	12	209467	25,13,604
3	Paediatrics Patient Monitor	5	337,500	16,87,500
4	Automated Compounding total Parental Nutrition	1	20,000	20,000
5	Laminar Air Flow System	1	85,000	85,000
6	Neonatal and Paediatrics Ventilator	2	19,75,000	39,50,000
7	Air Conditioner (2 ton)	3	70,000	2,10,000
8	Portable X-Ray	1	3,90,000	3,90,000
9	Syringe Pump (D-Braun Space infusion Pump)	25	88,500	22,12,500
10	Desktop with UPS	6	54972	3,29,832
11	Computer Table	2	10,000	20,000
12	UPS 3 Kv power Back up system	2	35,000	70,000
13	ABG machine (Radiometer)	1	4,70,000	4,70,000
14	Cardiac table	30	4000	1,20,000
	SUB TOTAL .A			1,25,60,936

9.2. B REQUIREMENTS FOR 10-BEDDED PICU

Sl. No.	ITEM	Quantity	Rate (₹)	Total (₹)
1	Neonatal and Pediatrics Ventilator	5	19,75,000	98,75,000
3	Pediatrics Patient Monitor	5	337,500	16,87,500
4	Syringe Pump (D-Braun Space infusion Pump)	20	88,500	17,70,000
5	X-Ray view Box	2	5,000	10,000
6	Blender (Oxygen and Air Blenders)	6	1,50,000	9,00,000
7	UPS 3 Kv power back up System	4	59450	2,37,800
8	ECG Machine (12 lead)	1	188,900	1,88,900
9	Cardiac table	10	5000	50,000
10	Oxygen trolley	10	3000	30,000
11	Desktop Computers with UPS	1	54972	54,972
	SUB TOTAL .B			1,48,04,172

9.3 REQUIREMENT FOR 10 –BEDDED HDU

Sl. No.	ITEM	Quantity	Price (₹)	Total (₹)
1.	ABG machine (Radiometer)	2	4,70,000	9,40,000
2.	Double size LED View Box	2	9,500	19,000
3.	ICU Beds (Mechanical Type)	10	50,000	5,00,000
4	Cardiac Table	10	5000	50,000
5	Bedside Lockers	10	6000	60,000
6	Syringe Pump (D-Braun Space infusion Pump)	30	88,500	26,55,000
7	Air Conditioner (2 tons)	4	70,000	2,80,000
8	Desktop Computers with UPS	2	54972	1,09,944
9	Laminar Airflow System	1	85,000	85,000
10	Portable X-Ray Machine	1	3,00,000	3,00,000
11	ECG Machine (12 lead)	2	188,900	3,77,800
12	Defibrillator (Biphasic type)	2	3,50,000	7,00,000
13	Automated External Defibrillator	10	98,000	9,80,000
14	UPS 3 Kv power back up System	4	59450	2,37,800
15	Oxygen trolley	10	3000	30,000
	SUB TOTAL. C			73,24,544

SUMMARY OF COST

Sl. No.	PARTICULARS	ESTIMATED COST
1	Requirements for 25- bedded NICU	1,25,60,936
2	Requirements for 10-bedded PICU	1,48,04,172
3	Requirement for 10 –bedded HDU	73,24,544
	GRAND TOTAL	3,46,89,652

TOTAL ESTIMATED COST: ₹/-

(Rupees Three Crore Forty Six Lakhs eighty Nine Thousand Six hundred and Fifty Two only)

CERTIFICATION

This is to certify that the detailed estimate in the Concept for the Project Proposal Strengthening of Hospital and Diagnostic Services at Zoram Medical College/ State Referral Hospital for combating Covid-19 Falkawn, Mizoram is based on actual estimates/rates obtained by the Department from Manufacturers, GEM portal of Government of India and Authorized Dealers.

It is also certified that the entire project funding will be used for strengthening of health infrastructure for fighting Covid-19 related activities only and the fund will not be diverted for any other purposes.



(Dr.JOHN ZOHRMINTHANGA)

Director

Zoram Medical College

10. TIME FRAME FOR IMPLEMENTATION OF THE PROJECT

The project is proposed to be completed within six months from the date of sanction, which would include preparation and floating of tender, purchase and installation of equipment, testing etc.

11. LAND& INFRASTRUCTURE AVAILABILITY

The required rooms for the project proposed have been constructed under funds received from CSS “Establishment of Medical College attached with existing district/referral hospitals”.

All other infrastructural requirements are ready and in-place except the necessary equipment.

12. EXPECTED OUTCOME OF THE PROJECT

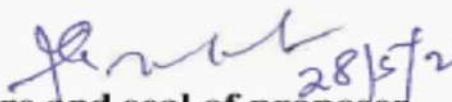
The establishment a 10-bedded PICU, 25-bedded NICU at Zoram Medical College, which will help, reduce the mortality and morbidity of paediatric age groups and neonates from Covid 19 and provide specialised care to children and newborn babies with complicated cases and will also increase the preparedness of the hospital for the potential third wave of the pandemic.

The 10-bedded HDU will also definitely help in reducing the workload of the ICU as patients who require less medical attention can be shifted there.

This project will therefore, help in strengthening the college and its hospital in fighting the current pandemic and focuses on enhancement critical care and upgradation of paediatric care facilities.

13. SUSTAINABILITY OF THE PROJECT

Once, the project is completed, it shall be managed and maintained by the Zoram Medical College. All the maintenance cost and management costs will be borne by the Government of Mizoram.


Signature and seal of proposer

Director
Zoram Medical College
Mizoram : Falkawn

PROJECT WISE INFORMATION

Project Linkages with Promotion of Tourism (not exceeding 100 words):

Zoram Medical College is projected to become the tertiary treatment centre of the state of Mizoram and is in the process of development into becoming a centre of excellence in terms of medical treatment and healthcare. Medical tourism has grown dramatically in recent years primarily because of the high costs of treatment in developed countries along with long waiting lists. With the relative affordability of international air travel and favourable economic exchange rates, it has not only become easier for the patients of developed countries but also for the patients of the developing countries to travel to other countries like India for treatment.

Zoram Medical College once established, as a fully functional medical college will be able to cater to the needs of patients from neighbouring countries like Bangladesh, Myanmar etc. and from neighbouring states in terms of medical treatment, which will definitely benefit the state economy.

Project Description/Summary (not exceeding 200 words)

Zoram Medical College (ZMC) is the first Medical College in Mizoram established by the Government of Mizoram through the up-gradation of State Referral Hospital, Falkawn, which is approximately 17 Kilometres from Aizawl, with an annual intake of 100 MBBS students and indoor bed strength of 300 beds, ICU, Central Laboratory and houses the only Covid 19 RT-PCR testing laboratory.

Furthermore, the hospital was designated as a Dedicated Covid-19 Hospital (DCH) on 20th March, 2020 and it provides specialized care to Covid-19 patients and needs specialized equipment and diagnostic facilities to cater to patients of all ages.

The project aims to enhance the critical care services of the hospital by establishment of fully functional 10-bedded PICU and 25-bedded NICU as preparedness for the third wave, which may affect the paediatric population and 10-bedded High dependency Unit (HDU) for better quality of care to the patients.

PROJECT CHECKLIST

S. No.	Additional Information	Comments/Inputs of State Government
1)	Whether lying in backward areas	No
2)	Whether independent /new project or part of any other project of any other Ministry/SG/Agency, whether proposed, sanctioned or ongoing	No
3)	If the project involves O & M, staff components, post construction management, recurring expenses etc. for its running/maintenance etc e.g.(e.g. running of a Hostel building), has the SG agreed to take care of these activities	No
4)	Is the project in question supported/coverable under any other scheme of Central or State Government	No
5)	Whether the cost indicated in the concept paper of the project is based on latest SoR	Not applicable for the current proposal
6)	Whether the project is at single location with detailed lat-long information.	Lat 23.6229124 Long 92.7280232
7)	Quantified Output of the project	Renovation/upgradation of NICU/PICU and HDU at Zoram Medical College, Falkawn, Mizoram for combating Covid 19.
8)	Outcome of the project (population targeted to be benefitted on completion)	The project will benefit the entire state of Mizoram.


 20/5/21
 Director
 Zoram Medical College
 Mizoram : Falkawn

NON-DUPPLICITY CERTIFICATE

This is to certify that “Renovation/upgradation of NICU/PICU and HDU at Zoram Medical College, Falkawn , Mizoram for combating Covid 19” has not been sanctioned / taken up / proposed to be taken up for funding under any other scheme of the state or the Central Government or any other funding agencies.



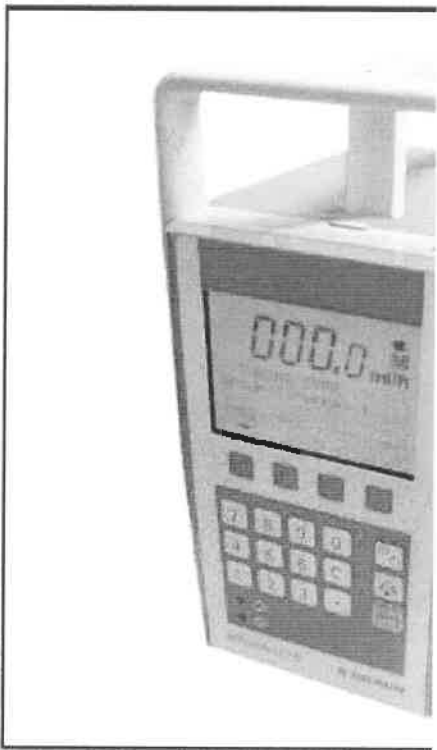
(R. LALRAMNGHAKA, IAS)
Special Secretary,
Health & Family Welfare
Department
Government of Mizoram



Infusion Pump Volumet



Home Medical Equipment and Accessories and Supplies Intravenous and arterial administration products intravenous infusion pumps and its analyzers and sensors and its accessories Infusion Pump Volumetric/ Syringe Based



B Braun LCD Display Volumetric Infusion Pump
B Braun^R
(B Braun - Infusomat P)

₹ 88,500.00

Price For : 1 pieces
MRP/Unit: ₹ **98,700.00**
Offer Price/Unit: ₹ **88,500.00**

Availability: **50 In Stock**
Min. Qty. Per Consignee: 2
Product id: 5116877-75239397883
Country Of Origin: Germany

Sold by: **Resellers**
OEM verified Reseller
OEM verified catalogue

[VIEW SELLER DETAILS](#)

★★★★ 4.04



Arterial Blood Gas Anal



Home Laboratory and Measuring and Observing and Testing Equipment Measuring and Observing and Testing Equipment clinic and diagnostic analyzer and accessores and supplies Arterial Blood Gas Analyser



Radiometer Bench top Arterial Blood Gas Analyser
Radiometer^R
(RADIOMETER, ABL 800 Flex)

₹ 470,000.00

Price For : 1 pieces

MRP/Unit: **₹ 1,000,000.00**
Offer Price/Unit: **₹ 470,000.00**

Availability: **10 In Stock**

Min. Qty. Per Consignee: 1

Product id: 5116877-85233491710
Country Of Origin: Denmark

Sold by: **Resellers**

OEM verified Reseller

Catalogue not verified by OEM

★★★★★ **4.03**

[View Sellers Details](#)

Type of blood gas analyser	: Bench top
Type of technology	: Cartridge (single use)
Additional Parameters	: Cl- ,iCa ,Glu ,Hct



Ask GeMmy

[PRODUCT COMPARE](#) [PRODUCT HISTORY](#) [4](#)



overbed tables-Patients



Home Medical Equipment and Accessories and Supplies Medical facility products patient beds and accessories
overbed tables-Patients



Over bed table (Cardiac Table)
GENTEK^R
(GM-9063h)

₹ 4,000.00

Price For : 1 pieces

MRP/Unit: **₹ 8,000.00**

Offer Price/Unit: **₹ 4,000.00**

Availability: 470 In Stock

Min. Qty. Per Consignee: 2

Product id: 5116877-29229620491

Country Of Origin: India

Local Content (MII): Not Declared

Sold by: OEM

OEM verified catalogue

[VIEW SELLER DETAILS](#)

★★★★☆ 3.63

Overall Height(If fixed height : ≥ 900 mm to 1000
table)/Minimum Height(If mm
variable height table)

Overall Length : ≥ 600 mm to 650



Ask GeMmy

[PRODUCT COMPARE](#)

[PRODUCT HISTORY](#) (4)



trolleys or accessories



Home Material Handling and Conditioning and Storage Machinery and their Accessories and Supplies
Material handling machinery and equipment conveyors and accessories trolleys or accessories



**Unbranded MS Fixed Sack Trolley
Trolleys Or Accessories
NA
(Trolley)**

₹ 3,000.00

Price For : 1 pieces

MRP/Unit: **₹ 9,186.00**
Offer Price/Unit: **₹ 3,000.00**

Availability: 100 In Stock

Min. Qty. Per Consignee: 1

Product id: 5116877-84058114146
Country Of Origin: India
Local Content (MII): Not Declared

Sold by: Resellers
Reseller not verified by OEM
Catalogue not verified by OEM

★★★★ 4.18

[View Sellers Details](#)

Type of Trolley : Sack Trolley
Loading capacity (Minimum) : 90 kilogram
(Kgs)



Ask GeMmy

[PRODUCT COMPARE](#)

[PRODUCT HISTORY](#) 4



Automatic External Defi



Home Medical Equipment and Accessories and Supplies Emergency and field medical services products mobile medical services airway management equipment Automatic External Defibrillator (AED)



Philips Automatic External Defibrillator (AED) with warranty of 5 years, [With provision of free replacement of Battery during warranty period]
Philips^R
(HeartStart FRx)

₹ 98,000.00

Price For : 1 pieces

MRP/Unit: **₹ 300,000.00**

Offer Price/Unit: **₹ 98,000.00**

Availability: **5 In Stock**

Min. Qty. Per Consignee: 1

Product id: 5116877-53100635459

Country Of Origin: United States of America

Sold by: **Resellers**

OEM verified Reseller

OEM verified catalogue

★ ★ ★ 2.98

[View Sellers Details](#)



Ask GeMmy

[PRODUCT COMPARE](#)

[PRODUCT HISTORY](#) (4)

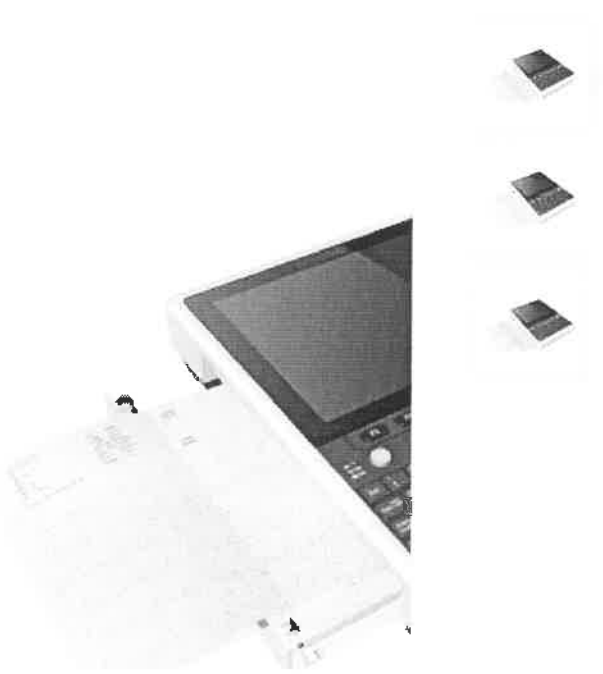
Display : No display provided



ECG Machine



Home Medical Equipment and Accessories and Supplies Patient exam and monitoring products electrocardiography ekg/ecg units and related products ECG Machine



ABM 12 Channels ECG Machine
ABM^R
(ECG 12S)

₹ 188,899.71

Price For : 1 pieces

MRP/Unit: ₹ 210,000.00
Offer Price/Unit: ₹ 188,899.71

Availability: 19 In Stock

Min. Qty. Per Consignee: 1

Product id: 5116877-30337970583
Country Of Origin: India
Local Content (MII): Not Declared

Sold by: Resellers
OEM verified Reseller
OEM verified catalogue

★★★★☆ 4.46

[View Sellers Details](#)

Purpose : ECG machine is primary equipment to record ECG signal with interpretation which is



Ask GeMmy

[PRODUCT COMPARE](#)

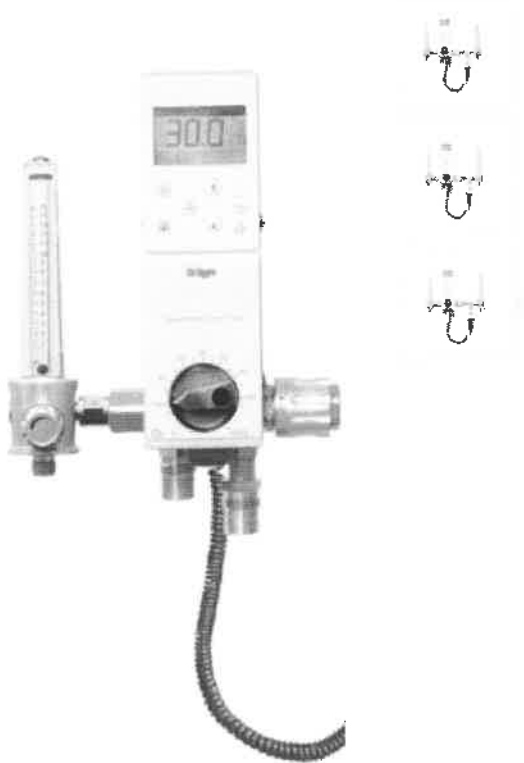
[PRODUCT HISTORY](#) 4



Universal Category



Home Universal Category Universal Category Universal Category Universal Category



**Air Oxygen Blender/Mixer
Drager^R**
(Oximixer Low Flow without monitor)

₹ 209,467.00

Price For : 1 pieces

MRP/Unit: ₹ 209,467.00
Offer Price/Unit: ₹ 209,467.00

Availability: 1 In Stock

Min. Qty. Per Consignee: 1

Product id: 5116877-90748720746
Country Of Origin: Germany

Documents

Specification Document

Custom Specification : Yes

Custom Specification



Ask GeMmy

Yes

PRODUCT COMPARE

PRODUCT HISTORY 4



Desktop Computers



Home Information Technology Broadcasting and Telecommunications Computer Equipment and Accessories Computers Desktop Computers



**hp Intel Core i5 9500 8 GB/ 0 GB
HDD/ DOS**

hp^R
(HP 280 G5 MT i5 9500 DOS 82563
P224 WIFI)

₹ 54,972.00

Price For : 1 pieces

MRP/Unit: ₹ **61,597.00**
Offer Price/Unit: ₹ **54,972.00**

Availability: 100 In Stock

Min. Qty. Per Consignee: 15

Product id: 5116877-44298353505
Country Of Origin: India
Local Content (MII): Not Declared

Sold by: **Resellers**

OEM verified Reseller

OEM verified catalogue

★★★★★ **4.21**

[View Sellers Details](#)



Ask GeMmy

[PRODUCT COMPARE](#)

[PRODUCT HISTORY](#) **4**

Chipset Series

Intel B Series



Laminar air flow cabine



Home Laboratory and Measuring and Observing and Testing Equipment Laboratory and scientific equipment laboratory enclosures and accessories Laminar air flow cabinets or stations



CLEANAIR Vertical Laminar Air Flow Cabinets 3×2×2 Feet
CLEANAIR^R
(Laminar air flow cabinets or stations(CAV0900))

₹ 85,000.00

Price For : 1 pieces
MRP/Unit: **₹ 95,000.00**
Offer Price/Unit: **₹ 85,000.00**

Availability: 1 In Stock
Min. Qty. Per Consignee: 1

Product id: 5116877-89310834439
Country Of Origin: India
Local Content (MII): Not Declared

Sold by: **OEM**
OEM verified catalogue

[VIEW SELLER DETAILS](#)

★★★★★ **4.46**



Ask GeMmy

[PRODUCT COMPARE](#)

[PRODUCT HISTORY](#) **4**

Confirmity to Certifications : CE European
Confirmity to Manufacturing : ISO 9001 & ISO



CPAP



Home Medical Equipment and Accessories and Supplies Respiratory and anesthesia and resuscitation products positive mechanical pressure ventilators and accessories CPAP



Nidek Manual CPAP
Nidek^R
(CPAP (ECOSTAR AUTO))

₹ 96,500.00

Price For : 1 pieces

MRP/Unit: ₹ ~~109,000.00~~
Offer Price/Unit: ₹ **96,500.00**

Availability: 100 In Stock

Min. Qty. Per Consignee: 1

Product id: 5116877-87226190139
Country Of Origin: India
Local Content (MII): Not Declared

Sold by: **Resellers**

Reseller not verified by OEM

Catalogue not verified by OEM

★★★★ 4.22

[View Sellers Details](#)

CPAP mode : Manual

Warranty (Option of comprehensive warranty is available through bidding) : 3



Ask GeMmy

[PRODUCT COMPARE](#)

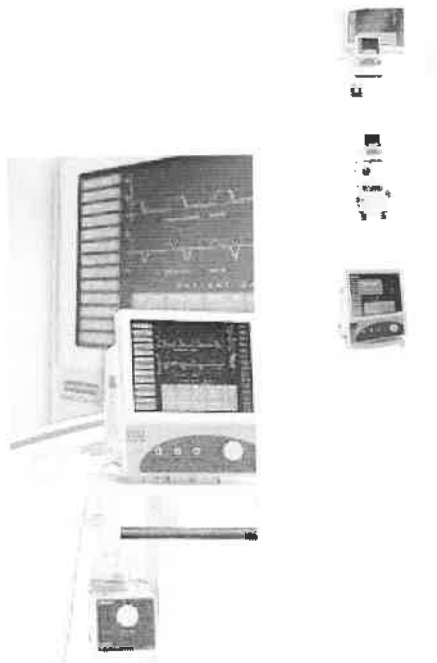
[PRODUCT HISTORY](#) (4)



Universal Category



Home Universal Category Universal Category Universal Category Universal Category



Neonatal Ventilator And Pediatric Ventilator
NA
()

₹ 1,975,000.00

Price For : 1 set

MRP/Unit: ₹ 1,975,000.00

Offer Price/Unit: ₹ 1,975,000.00

Availability: 1 In Stock

Min. Qty. Per Consignee: 1

Product id: 5116877-43521661723

Country Of Origin: Not Declared

Local Content (MII): Not Declared

Documents

Specification Document

Custom Specification ☒ Yes



Air Conditioner-IS 1391



Home Distribution and Conditioning Systems and Equipment and Components Heating and ventilation and air circulation
40101700 Air Conditioner-IS 1391



godrej 2.0 Ton / 6000 kcal/hr High wall Split AC 5 Star
godrej^R
(2.0 TR 5 STAR INVERTER SPLIT AIR CONDITIONER)



₹ 70,000.00

Price For : 1 pieces

MRP/Unit: **₹ 77,900.00**

Offer Price/Unit: **₹ 70,000.00**

Availability: **101 In Stock**

Min. Qty. Per Consignee: 2

Product id: 5116877-50694784143

Country Of Origin: India

Local Content (MII): 50%

Sold by: **OEM**

OEM verified catalogue

[VIEW SELLER DETAILS](#)

★★★★ 4.01

BUY



Ask GeMmy

[PRODUCT COMPARE](#)

[PRODUCT HISTORY](#) **4**

Type of Air conditioner : High wall Split AC



Cardiac Monitor with de



Home Medical Equipment and Accessories and Supplies Emergency and field medical services products
mobile medical services airway management equipment Cardiac Monitor with defibrillator



Medinain TFT Display Cardiac Monitor with defibrillator
Medinain^R
(Me-9000)

₹ 350,000.00

Price For : 1 pieces

MRP/Unit: ₹ 500,000.00

Offer Price/Unit: ₹ 350,000.00

Availability: 30 In Stock

Min. Qty. Per Consignee: 1

Product id: 5116877-33281699681

Country Of Origin: India

Local Content (MII): 0%

Sold by: OEM

OEM verified catalogue

[VIEW SELLER DETAILS](#)

★★★★★ 4.25

BUY




Ask GeMmy

[PRODUCT COMPARE](#)

[PRODUCT HISTORY](#) (4)

Confirmity to Manufactures : ISO 9001 & ISO
Certification 13485



MARS SERIES

ABOUT US

Welcome to the world of Allergens, a world that understands your needs, a world that actually cares. Allergens, an Indian MNC, National Award Winner - Quality Products from the Prime Minister of India, is a leading manufacturer covering a wide spectrum of medical diagnostic equipments. Allergens product range offers the latest both in fixed and mobile HF X-Ray systems.


MARS 3.5/6/6R

MARS Series (3.5/6/6R) of Spring Balanced Mobile (SBM) X-Ray machines are based on HF X-Ray generation technology. These machines are most suitable for applications where ease of mobility is required like in trauma cases and bed-side X-Rays in hospital wards. As the machines are very compact, light weight so can be taken through elevators with ease.

The HF X-Ray generation technology used in MARS 3.5/6 KW offers the following advantages over the conventional 2 pulse technology:

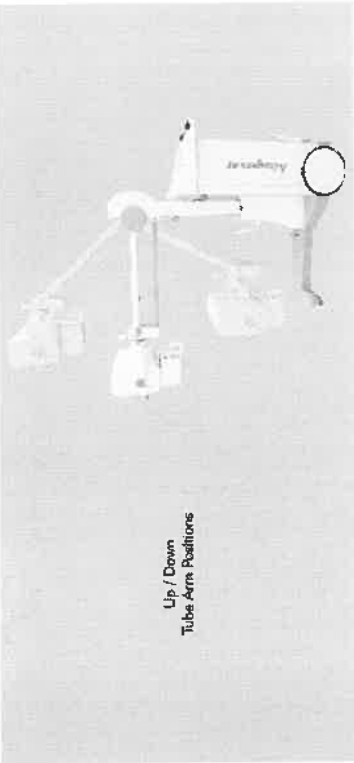
- Substantially lower exposure factors (radiation safety to patients & operators)
- Elimination of motion artifacts due to lower exposure time (excellent film quality)
- Negligible skin dose (radiation safety to patient)

CONTROL PANEL WITH APR

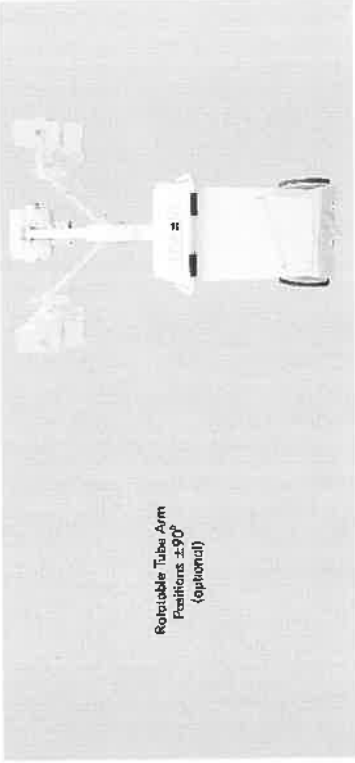


Preprogrammed parameters of human anatomy having 216 APR helps the user to select exposure parameters based on body part, examination view and size of the patient is available.

VERSATILE TUBE ARM POSITIONS




Up / Down Tube Arm Positions



Rotatable Tube Arm Positions $\pm 90^\circ$ (optional)

STAND

Spring Balanced Mobile Stand (SBM). The tube head can be moved in up/down position. The tube arm can be rotated $\pm 90^\circ$ (optional) for side wise X-Rays in wards without the need to move the machine.
(Option of extended swivel $\pm 120^\circ$ in selected models).



ANNEXURE-O

28th meeting of IMC/NESIDS Committee scheduled on 02.06.2021

**I. CHECKLIST-CUM-AGENDA NOTE FOR RETENTION/SELECTION OF PROJECTS
(to be submitted by Programme Division, MDoNER)****Agenda Item No.:****State: Mizoram****Name of Project:** Purchase of RT-PCR reagents & RNA extraction kits to last for approximately six months for Zoram Medical College, Falkawn, Mizoram in combating Covid-19.

Project Description/Summary (not exceeding 200 words): The main objective of the project is to enhance and sustain the RT-PCR testing capacity of the State of Mizoram by means of procuring essential RT-PCR reagents & RNA extraction kits to last for a period of approximately six (06) months for the Viral Diagnostic Research Laboratory (VRDL) at Zoram Medical College, Falkawn, Mizoram for diagnosing Covid-19. ZMC now caters to the entire State of Mizoram as the hospital was designated as a dedicated Covid-19 hospital on 20th March, 2020 and is the only ICMR approved institute where RT-PCR for Covid-19 can be conducted in the State of Mizoram. Since, ZMC house the only laboratory where RT-PCR for Covid-19 is tested in the State of Mizoram, uninterrupted supply of necessary testing kits and reagents is pivotal for the State to continue the mandatory RT-PCR testing as per ICMR guideline.

Stage 1: Selection/Sanction of the Project**1****General Information****1.1****Estimated Cost (as per concept note/Proposal) (Final/revised, which is under consideration)**

Rs.256.88 lakh

1.2**Whether lying in backward areas**

No

1.3**Sector:** (Physical infrastructure relating to _____ (Water supply/Power/Connectivity - mention as applicable or creation of infrastructure in social sector in the areas of _____ (Primary/Secondary Sectors of Education/Health - mention as applicable))

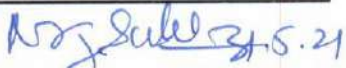
Health Sector

1.4**Project Linkages with Promotion of Tourism (not exceeding 100 words):**

	Tourism potential: yes, ZMC once established, as fully functional medical college will be able to cater the needs of patients from neighbouring countries like Bangladesh, Myanmar etc. and from neighbouring States in terms of medical treatment which will definitely benefit the State economy and tourism.						
1.5	Whether independent /new project or part of any other project of any other Ministry/SG/Agency, whether proposed, sanctioned or ongoing	Yes, it is a new project. The project is not proposed in any other Ministry.					
1.6	If the project involves O & M, staff components, post construction management, recurring expenses etc for its running/maintenance etc e.g.(e.g.running of a Hostal building), has the SG agreed to take care of these activities	No. This is one time procurememnt items.					
1.7	Broad Breakup of Major Components of the project Cost as per concept note	Breakup of Major Components of the projects as per Concept Note (figure in Rs.)					
	item	Rate	Quantity	Required amount for 500 test for 1 month	Quantity required in boxes	Amount for 1 month	Amount required for 6 months
(i)	Roche Light cycler RTPCR	21934	48	96	3	65,802	3,94,812.00
(ii)	ABI RTPCR	10661	126	126	2	21322	127932
(iii)	Micro Seal Adhesive	29318	100	180	2	58636	351816
(iv)	QiAmp Viral RNA Mini Kit	73813	250	11000.00	44	3247772	19486632
(v)	Tarsons Microcentrifuge tube 1.5 ml	548	500/pk	30000	60	32880	197280
(vi)	Tarsons Microcentrifuge tube 2 ml	608	500/pk	30000	60	36480	218880
(vii)	Tarsons Racked filter tips 10ul-20ul	5056.3	960/10 racks	30000	32	161802	70810

(viii)	Tarsons Racked filter tips 200ul	4432	960/10 racks	90000	94	416608	2499648
(ix)	Tarsons Racked filter tips 1000ul	5107	960/10 racks	45000	47	240029	1440174
Total							25687984
1.7A	Out of above, SG's Contribution in the Project Cost, if any	Nil					
1.7B	Out of above, Contribution from any other Ministry/Agency in the Project Cost, if any	Nil					
1.8	Date of receipt of proposal/concept note from State Government (SG)	31.05.2021					
1.9	Original						
1.10	Revised (if any)						
2	Is the project in question supported/coverable under any other scheme of Central or State Government	No					
3	Normative allocation of SG and related details						
4	List of line Ministries/IFD/Technical Wing/others to whom circulated for comments along with						
	Name of line Ministry/IFD/Technical Wing/Others	Date of sending for comments	Date of receipt of comments (if any)				
	IFD, MDoNER		No comments received till date				
	Technical Wing, MDoNER		No comments received till date				
	Ministry of Health & Family Welfare		No comments received till date				
	Niti Aayog		No comments received till date				
5	Whether proposal has been accompanied with the following						
	(a) Concept Note	Yes. Concept paper is at p...../c					
	(b) Abstract of cost/Broad break up of costs	Yes, at p...../c					
	(c) Approval of CS	Yes.					
	(d) Any other (pl. specify)	Yes/No (relevant extract at page ____)					
6	Comments of line Ministries/IFD/Technical Wing/Others in brief (attached as per Annexure-__)						
7	Important observations/comments of Prog. Division						

<p>The project once completed will enhance the testing capacity of the Covid-19 RT-PCR laboratory at Zoram Medical College to enable uninterrupted testing at an average test of 500 per day for the next six months, which will sustain case detection and assist in disease containment and management within the State.</p> <p>After due scrutiny, the PD recommends the proposal for consideration in the IMC.</p>


(Dated Signature & Name of
Under Secretary concerned)

Comments of consulted line Ministries/IFD/Technical Wing, MDoNER

No. Sales

LALNUNMAWIA CHUAUNGO, IAS
Chief Secretary
Government of Mizoram



Aizawl- 796001
Office : 0389-2322411, 2322429
Fax : 0389-2322745
E-mail: cs_miz@rediffmail.com
cs-mizoram@nic.in

D.O. No. G.35001/IMC/1/2019-PLG(RDB)

Dated Aizawl, the 31st May, 2021.

Dear 

In response to the letter No. NESIDS/6/2019-O/o DIR1(NLCPR) dated 7th May 2021 received from Deputy Secretary, Ministry of DoNER, I am submitting herewith concept notes of the following proposal for funding under NESIDS for Strengthening Health Infrastructure in North East in the State of Mizoram to effectively deal with the upsurge of COVID- 19 in addition to the State Priority Projects already submitted

- 1) Purchase of 2(two) Nos of Truenat Quatro Machine – Rs. 29,50,000/-
 - 2) Purchase of Screening and confirmatory chips for TrueNAT Quatro installed in District Headquarters to last approximately 6 months- Rs. 3,03,52,000/-
 - 3) Purchase of Rt-PCR reagents & RNA Extraction kits to last for approximately 6 months- Rs. 2,56,87,984/-
 - 4) Renovation/upgradation of NICU/PICU and HDU at ZMC- Rs. 3,46,89,652/-
- Total: Rs. 9,36,79,636/-

This has approval of the Hon'ble Chief Minister, Mizoram.

With warm regards

Yours 

(LALNUNMAWIA CHUAUNGO)

Dr InderJit Singh,
Secretary,
Government of India
Ministry of DoNER,
Vigyan Bhavan Annexe
Maulana Azad Road, New Delhi - 110011

Concept Note on

“Purchase of RT-PCR reagents & RNA extraction kits to last for approximately six months for Zoram Medical College, Falkawn, Mizoram in combating Covid 19”

Total Projected Cost: ₹ 2, 56, 87,984 /-

(Rupees Two Crore Fifty Six Lakh Eighty Seven Thousand Nine Hundred and Eighty Four only)

**UNDER
NORTH EAST SPECIAL INFRASTRUCTURE
DEVELOPMENT SCHEME (NESIDS), MINISTRY OF
DEVELOPMENT OF NORTH EASTERN REGION,
GOVERNMENT OF INDIA**



Submitted by:

ZORAM MEDICAL COLLEGE, FALKAWN

**HEALTH & FAMILY WELFARE DEPARTMENT, GOVERNMENT OF
MIZORAM**

1. **PROJECT TITLE:** “Purchase of RT-PCR reagents & RNA extraction kits to last for approximately six months for Zoram Medical College, Falkawn, Mizoram in combating Covid 19”

2. **NAME OF THE STATE :** Mizoram

3. **LOCATION OF THE PROJECT :** Zoram Medical College, Aizawl District , Falkawn, Mizoram -796005

4. **IMPLEMENTING AGENCY:** Zoram Medical College, Health & Family Welfare Department, Government of Mizoram.

5. **PROPOSED INTERVENTION:** The main objective of the project is to enhance and sustain the RT-PCR testing capacity of the state of Mizoram by means of procuring essential RT-PCR reagents & RNA extraction kits to last for a period of approximately six (06) months for the Viral Diagnostic Research Laboratory (VRDL) at Zoram Medical College, Falkawn, Mizoram for diagnosing Covid 19.

6. **TOTAL ESTIMATED COST: ₹2,56,87,984 /-**

(Rupees Two Crore Fifty Six Lakh Eighty Seven Thousand Nine Hundred and Eighty Four only)

7. BACKGROUND AND PROBLEM TO BE ADDRESSED:

Mizoram is one of the North-Eastern states of India; it is a land -locked state whose southern part shares a 722 km. long international border with Myanmar and Bangladesh. Its northern part share domestic border with Manipur, Assam and Tripura, Mizoram is the fifth smallest state of India with an area of 21,087 km²; the tropic of cancer runs through the state nearly at its middle. The state's population, as per 2011 census, is 1,091,014; it is the second least populous state in the country.

Zoram Medical College (ZMC) is the first Medical College in Mizoram established by the Government of Mizoram through the up-gradation of the esisting State Referral Hospital at Falkawn, which is approximately 17 Kilometers from Aizawl, with an annual intake capacity of 100 MBBS students. The College has an indoor bed strength of 300 beds, Intensive Care Units, Central Laboratory, Blood Bank and houses the only approved Covid 19 RT-PCR testing facility in the Viral Research and Diagnostic Laboratory (VRDL).

The medical college is still at its infant stage, major developmental works are still required for having a state of the art infrastructure as to meet the standards of a medical college. Moreover, the institution is yet to be recognized as a full-fledged medical college and still requires many facilities to achieve this milestone.

ZMC now caters to the entire state of Mizoram as; the hospital was designated as a dedicated COVID-19 hospital on 20th March, 2020 and is the only ICMR approved institute where RT-PCR for Covid-19 can be conducted in the state of Mizoram..

Since, ZMC house the only laboratory where RT-PCR for Covid-19 is tested in the state of Mizoram, uninterrupted supply of necessary testing kits and reagents is pivotal for the state to continue the mandatory RT-PCR testing as per ICMR guidelines.

7. PROJECT DESCRIPTION & JUSTIFICATIONS OF PROPOSAL.

In the on-going pandemic, the state has seen a sharp rise in number of positive cases since April 2021. The daily average number of positive cases detected daily ranges from is above 200 -250 since late April 2021. As is the case in other parts of the country, the hospital is being overrun and the number of beds are inadequate, not to mention a small state like Mizoram where the health infrastructure is still grossly underdeveloped.

The Viral Research and Diagnostic Laboratory (VRDL) at ZMC is the only laboratory where RT-PCR testing for Covid-19 is approved by the Indian Council of Medical research (ICMR) in the state of Mizoram. In the year 2020, 91025 samples were tested out of which 2594 came out to be positive. As on the 25 May 2021, the VRDL have already tested 44,490 samples with 2068 positive samples since the beginning of the year. The sample positivity rate and the number of sample tested is very high in the second wave as compared to the previous one.

Taking the month of May 2021 in particular, the VRDL have tested 24239 samples, which is more than 50% of the total samples tested during the year. The tests that came out to be positive also stands at 1541, which is almost 70% of the total positivity rate of the current year. Continuing with this trend, we are expecting more samples to be tested in the coming months and more positivity will give rise to more contact tracing. In this scenario, VRDL ZMC will be in the need of more reagents and consumables for combating the spread of Covid-19.

The reagents and various Kits mentioned are required for extraction of the RNA of Covid 19, sampling procedures , transportation and storage of swab specimens , running of the extraction process and testing of RT-PCR.

By adjusting the recent trend in volume of Covid 19 test conducted in Mizoram to that of the average tests conducted in the previous year, it is assumed that an average testing of about 500 tests for the next six months will be required for uninterrupted RT-PCR testing during this second wave of the pandemic in ZMC.

8. SCOPE OF WORK & LOCATION OF PROJECT

The project focuses on continuum of RT-PCR testing service in the Viral Research and Diagnostic Laboratory of Zoram Medical College , Falkawn , Mizoram by procuring the necessary items i.e. test kits, reagents, consumables etc. for running the RT-PCR machine and RNA Extraction Machine .

The projects proposal location is at Zoram Medical College at Falkawn, Aizawl District of Mizoram situated in NH-54 about 17 kms from Aizawl city.



Lat 23.6229124

Long 92.728023

9. COMPONENT DETAILS & COSTING

S.No	Item	Rate	Quantity/box	Required amount for 500 tests for 1 month	Quantity required in boxes	Amount for 1 month	Amount Required for 6 months
1	Roche Light cycler RTPCR	21934	48	96	3	65,802	3,94,812
2	ABI RTPCR	10661	126	126	2	21,322	1,27,932
3	MicroSeal Adhesive	29318	100	180	2	58,636	3,51,816
4	QiAmp Viral RNA Mini Kit	73813	250	11000	44	3,247,772	1,94,86,632
5	Tarsons Microcentrifuge tube 1.5 ml	548	500/pk	30000	60	32,880	1,97,280
6	Tarsons Microcentrifuge tube 2 ml	608	500/pk	30000	60	36,480	2,18,880
7	Tarsons Racked filter tips 10ul-20ul	5056.3	960/10 racks	30000	32	161,802	70,810
8	Tarsons Racked filter tips 200ul	4432	960/10 racks	90000	94	416,608	24,99,648
9	Tarsons Racked filter tips 1000ul	5107	960/10 racks	45000	47	240,029	14,40,174
	TOTAL						2,56,87,984

Note: The above reagents and kits are specified to be compatible with equipment already installed at ZMC i.e, Roche Lightcyler 480 and Applied Biosystem RTPCR Machine and

TOTAL ESTIMATED COST: ₹2, 56, 87,984/-

(Two Crore Fifty Six Lakh Eighty Seven Thousand Nine Hundred and Eighty Four only)

CERTIFICATION

This is to certify that the detailed estimate in the Concept for the Project Proposal Strengthening of Hospital and Diagnostic Services at Zoram Medical College/ State Referral Hospital for combating Covid-19 Falkawn, Mizoram is based on actual estimates/rates obtained by the Department from Manufacturers, GEM portal of Government of India and Authorized Dealers.

It is also certified that the entire project funding will be used for strengthening of health infrastructure for fighting Covid-19 related activities only and the fund will not be diverted for any other purposes.



(Dr.JOHN ZOHMINGTHANGA)

Director

Zoram Medical College

10. TIME FRAME FOR IMPLEMENTATION OF THE PROJECT

The project is proposed to be completed within six months from the date of sanction, which would include preparation and floating of tender, purchase of kits etc.

11. LAND & INFRASTRUCTURE AVAILABILITY

The required rooms for the project proposed have been constructed under funds received from CSS “Establishment of Medical College attached with existing district/referral hospitals”. The VRDL Laboratory has already been established by grants received from ICMR and currently functioning. Therefore, land, space and infrastructure required is readily available.

All other infrastructural requirements are ready and in-place except the necessary equipment.


12. EXPECTED OUTCOME/BENEFITS OF THE PROJECT

The project once completed will enhance the testing capacity of the Covid 19 RT-PCR laboratory at Zoram Medical College to enable uninterrupted testing at an average test of 500 per day for the next six months, which will sustain case detection and assist in disease containment and management within the state.

This project will therefore, help in strengthening the college and its hospital in fighting the current pandemic and focuses on enhancement of RT-PCR testing capacity of VRDL, Zoram Medical College.

14. SUSTAINABILITY OF THE PROJECT

Once, the project is completed, it shall be managed and maintained by the Zoram Medical College. All the maintenance cost and management costs will be borne by the Government of Mizoram.


Signature and seal of proposer

Director
Zoram Medical College
Mizoram : Falkawn

PROJECT WISE INFORMATION

Project Linkages with Promotion of Tourism (not exceeding 100 words):

Zoram Medical College is projected to become the tertiary treatment centre of the state of Mizoram and is in the process of development into becoming a centre of excellence in terms of medical treatment and healthcare. Medical tourism has grown dramatically in recent years primarily because of the high costs of treatment in developed countries along with long waiting lists. With the relative affordability of international air travel and favourable economic exchange rates, it has not only become easier for the patients of developed countries but also for the patients of the developing countries to travel to other countries like India for treatment.

Zoram Medical College once established, as a fully functional medical college will be able to cater to the needs of patients from neighbouring countries like Bangladesh, Myanmar etc. and from neighbouring states in terms of medical treatment, diagnostics and services that will definitely benefit the state economy.

Project Description/Summary (not exceeding 200 words)


Zoram Medical College (ZMC) is the first Medical College in Mizoram established by the Government of Mizoram through the up-gradation of existing State Referral Hospital, Falkawn. It is approximately at a distance of 17 Kilometres from Aizawl, with an annual intake capacity of 100 MBBS students and indoor bed strength of 300 beds, ICU, Central Laboratory and houses the only Covid 19 RT-PCR testing laboratory in the state.

Furthermore, the hospital was designated as a dedicated COVID-19 hospital on 20th March, 2020 and is the only facility approved by the Indian Council of Medical Research (ICMR) for RT-PCR testing of Covid-19 in the state of Mizoram.

The project aims to enhance the testing capacity of the Covid 19 RT-PCR laboratory at Zoram Medical College to enable uninterrupted testing at an average test of 500/day for the next six months.

PROJECT CHECKLIST

S. No.	Additional Information	Comments/Inputs of State Government
1)	Whether lying in backward areas	No
2)	Whether independent /new project or part of any other project of any other Ministry/SG/Agency, whether proposed, sanctioned or ongoing	No
3)	If the project involves O & M, staff components, post construction management, recurring expenses etc. for its running/maintenance etc e.g.(e.g. running of a Hostel building), has the SG agreed to take care of these activities	No
4)	Is the project in question supported/coverable under any other scheme of Central or State Government	No
5)	Whether the cost indicated in the concept paper of the project is based on latest SoR	Not applicable for the current proposal.
6)	Whether the project is at single location with detailed lat-long information.	Lat 23.6229124 Long 92.7280232
7)	Quantified Output of the project	Purchase of RT-PCR reagents & RNA extraction kits to last for approximately six months for Zoram Medical College, Falkawn, Mizoram in combating Covid 19
8)	Outcome of the project (population targeted to be benefitted on completion)	The project will benefit the entire state of Mizoram.


 28/5/21
 Director
 Zoram Medical College
 Mizoram : Falkawn

NON-DUPPLICITY CERTIFICATE

This is to certify that “Purchase of RT-PCR reagents & RNA extraction kits to last for approximately six months for Zoram Medical College, Falkawn, Mizoram in combating Covid 19” has not been sanctioned / taken up / proposed to be taken up for funding under any other scheme of the state or the Central Government or any other funding agencies.



(R. LALRAMNGHAKA, IAS)
Special Secretary,
Health & Family Welfare
Department
Government of Mizoram



Ref: MBG/ZMC/GHY/2021-22/0022

Date: 28.04.2021

To
The Director,
Zoram Medical College, Falkawn,
Mizoram

Sub: Quotation for consumables

Dear Sir/Madam

Kindly find attached the quotation for PCR Plates.

Sl no	Cat No	Product	Unit Price	Qty	Total price
1	HSP9601	Hard-Shell® 96-Well PCR Plates, low profile, thin wall, skirted, white/clear, 50/BX (to be used with Bio-rad CFX-96)	21,939.00	1	21,939.00
2	HSR9905	HSR 96 480, CLR/WHT,w/ BARCODE(To be used with Roche-LightCycler 480)	9,876.00	1	9,876.00
3	MSB1001	MICROSEAL B ADHES SEAL,100/PK	19,411.00	1	19,411.00
Basic price					44,680.00
Freight					3,000.00
GST @18%					8,582.40
Grand Total					56,262.40
Rounding off					56,262.00

Terms of Supply:

1. Quotation is valid for 60 days.
2. **Freight Charges extra.**
3. Delivery: within 3-5 weeks.
4. **Payment:** 100% Advanced payment in favour of Molbiogen payable at Guwahati.
5. GST applicable as mentioned above.

For Molbiogen

Authorized Signatory

Quotation/Proforma	
Genesis Enterprise A-15,MillenniumCentre,Dawrpui Ph. No. 0389-2345291,+919436198406 GSTIN : 15AUIPR5741F1Z1	Ref :No.
Invoice no:GE/21-22/03	Date :26-04-2021
To, Zoram Medical College (ZMC) Falkawn,Mizoram GST :	

Sl/no	Name of Item	Quantity	Rate	Total Amount
1	Micro Centrifuge Tube 1.5ml 500010 500 pcs per pack	1 box	548.00	548.00
2	Micro Centrifuge Tube 2.0ml 500020 500 pcs per pack	1 box	608.00	608.00
3	Micro Pipette 20-200 ul C-1 Micro-pipette Borosil Limited	1 unit	12,700.00	12,700.00
4	Micro Pipette 100-1000 ul C-1 Micro pipette Borosil Limited.	1 unit	12,700.00	12,700.00
5	Micro Pipette 20-200ul C-3 Micro-pipette Borosil Limited.	1 unit	5210.00	5210.00
6	Micro Pipette 100-1000ul C-3 Micro-pipette Borosil Limited	1 unit	5210.00	5210.00

- Rates are inclusive of GST
- Rates are FOR Destination (SRHF/ZMC Falkawn)

For,


Genesis Enterprise
A-15,Millennium Centre
Aizawl, Mizoram


The best way to find yourself is to lose yourself in the service of others

Ref No: Bioapps/ZMC_08/21-22

Date : 22.04.2021

To
Member Secretary
Procurement Committee & Director,
Zoram Medical College Society,
Falkawn-796005

Ref: Quotation for RNA Extraction Kit in Reagent Rental Basis 17500 reactions

Sl No.	Part Number	Description	QTY	Discounted Price	Total Price (INR)
1	52906	QIAamp Viral RNA Mini Kit (250)	70	51,66,935.52 (Including 12% GST)	51,66,935.52
				Total Price	51,66,935.52
Amount in Words : Rupees Fifty One lakh Sixty six thousand nine hundred thirty five and fifty two paise Only					

Cost per test 295.25 (Including 12% GST) for 70x250=17500 reactions

TERMS & CONDITIONS

1. The machine Qiacube Connect(9002874) will be installed and demonstrated by trained Qiagen service Support.
2. The machine will be at your disposal to run 17500 test within 3-months or earlier.
3. To run this machine requires some accessory consumable (Plastic wares)

Sl No.	Part Number	Description	Discounted Price	Total Price (INR)
1	990394	Rotor Adapters (10 x 24)	12185.60 (Including 12% GST)	12185.60
	990352	Filter-Tips, 1000 µl (1024)		

BIOAPPS, 181 Bangur Avenue, Block – C, Kolkata – 700055

E-MAIL- bioapps@hotmail.com,(M) +91 9830532745



The best way to find yourself is to lose yourself in the service of others.

<p><i>Amount in Words : Rupees Twelve thousand one hundred eighty five and sixty paisa Only</i></p>

Cost per test 48.74 (Including 12% GST) for 250 reactions.

4. Machine will be return to Bioapps after a completion of 17500 tests.
5. Please place the Order in full quantity & Payment M/s. Bioapps, 181, Bangur Avenue, Block-C, Kolkata-55
6. 100% Advance for by Wire Transfer / Demand Draft in favour of M/s. M/s. Bioapps, 181, Bangur Avenue, Block-C, Kolkata-55 in three (03) month.
7. Instrument Delivery: 1-2 Weeks after receiving the confirm full quantity Delivery
8. We have full-fledged Service Department in Kolkata with qualified well-experienced and principal trained Engineers to provide you prompt and efficient after sales service
9. Free of Cost Application and Bioinformatics training will be provided on site once installation is completed.
10. Bank Details:
Name of the Bank:

HDFC BANK Dum Dum Road,

A/C No. 50200004311171

IFSC CODE for RTGS: HDFC0001929
11. PAN Number: AAMFB8169K
12. GST Number: 19AAMFB8169K1ZP
13. Drug license No.: WB/KOL/BIO/W/343608
14. Consumables are not under warranty



Sanjay Pal

BIOAPPS, 181 Bangur Avenue, Block – C, Kolkata – 700055

E-MAIL- bioapps@hotmail.com,(M) +91 9830532745

Lab Chemical & Equipment Division

JALDHARA & COMPANY

Guwahati Office : Pink Arcade,
K.C. Sen Road,
Paltan Bazar,
GUWAHATI - 781 008
Mobile : 9085081802

Jorhat Office: Rajabari, Opp. Maruti Show Room
JORHAT 785 014, Assam (India)
Mobile : 94350-90514
e-mail : jaldharaco@gmail.com

JC/Q/12575
27-04-2021

The Asstt. Registrar
Zoram Medical College
Mizoram

Dear Sir,

Sub: Quotation
Ref:

With ref to above we have the pleasure to quote our lowest possible rate for the following:-

Sl. No.	Description of Goods	HSN/ SAC	Qty.	Rate	Per	Amount	GST Rate	Tax Amount	Total Amount
1	QIAamp Viral RNA Mini Kit (250), 52906, Qiagen	38220090	1	89,160.00	Pk	89,160.00	12%	10,699.20	99,859.20
2	Micro Centrifuge Tube, 1.5ml, 500010, Tarsons	39269099	1	505.00	500/Pk	505.00	18%	90.90	595.90
3	Micro Centrifuge Tube, 2ml, 500020, Tarsons	39269099	1	560.00	500/Pk	560.00	18%	100.80	660.80
4	Racked Filter Tips - Sterile, 10ul XL/20ul 528108, Tarsons	84799090	1	4,285.00	960 (10 Racks)	4,285.00	18%	771.30	5,056.30
5	Racked Filter Tips, Sterile 200ul, 528104, Tarsons	84799090	1	4,173.00	960 (10 Racks)	4,173.00	18%	751.14	4,924.14
6	Racked Filter Tips, Sterile 1000 ul, 528106, Tarsons	84799090	1	4,808.00	960 (10 Racks)	4,808.00	18%	865.44	5,673.44
Total								13,278.78	1,16,769.78
								Round off	1,16,770.00

Terms & Conditions :

1. GST will be charged extra as shown.
2. Rates are FOR Mizoram
3. Rates are valid up to 30.08.2021.
4. Delivery within 45 days after received your confirm order.
5. Payment must be made within 15 days after delivery.
6. **Our Bank Details:**

Account Name : Jaldhara & Company
Account No : 918030098744890
Bank Name : Axis Bank Ltd
Branch Name : Jorhat Branch
IFSC Code : UTIB0000376

Thanking You.

Yours faithfully,
for Jaldhara & Company.



Lab Chemicals, Glassware, Plastic Ware, Equipments, Apparatus and General Order Suppliers.

GSTIN : 18ABSPJ6886E1ZZ

PAN : ABSPJ6886E

ANNEXURE-P

28th meeting of IMC/NESIDS Committee scheduled on 02.06.2021

I. CHECKLIST-CUM-AGENDA NOTE FOR RETENTION/SELECTION OF PROJECTS
(to be submitted by Programme Division, MDoNER)**Agenda Item No.:****State: Sikkim****Name of Project: Procurement of equipments for strengthening of Bio-medical Waste Management (BMV) system & High Flow Oxygen System (HFNO) system.****Project Description/Summary (not exceeding 200 words):** Medical waste can be infectious, causing high contamination and cross contamination risks to both people and environment. It must be properly managed and disposed of to protect the environment, general public and workers, especially healthcare and sanitation workers who are at risk of exposure to biomedical waste as an occupational hazard. The existing waste management systems of the State is overloaded in this Covid-19 pandemic as huge quantity of infectious wastes are generated in health facilities, Covid care centre, and quarantine centres.**Stage 1: Selection/Sanction of the Project****1****General Information****1.1****Estimated Cost (as per concept note/Proposal) (Final/revised, which is under consideration)**

Rs.533.43 lakh

1.2**Whether lying in backward areas**

Not available

1.3**Sector: (Physical infrastructure relating to _____ (Water supply/Power/Connectivity - mention as applicable or creation of infrastructure in social sector in the areas of _____ (Primary/Secondary Sectors of Education/Health - mention as applicable)**

Health Sector

1.4**Project Linkages with Promotion of Tourism (not exceeding 100 words):****Tourism potential: NO**

1.5	Whether independent /new project or part of any other project of any other Ministry/SG/Agency, whether proposed, sanctioned or ongoing	Yes, it is a new project. The project is not proposed in any other Ministry.		
1.6	If the project involves O & M, staff components, post construction management, recurring expenses etc for its running/maintenance etc e.g.(e.g.running of a Hostal building), has the SG agreed to take care of these activities	SG has not requested fund for such components. O&M will be responsibility of the State Govt.		
1.7	Broad Breakup of Major Components of the project Cost as per concept note	Breakup of Major Components of the projects as per Concept Note (figure in Rs.)		
	Particulars	Qty.	Rate	Amount
a	(1) Incinerator having 50 kg/hr capacity complying to the emission norms specified in BMW Rules 2016 for new STNM hospital complete with erection and	1	19508109.00	1,95,08,109.00
b	(2) Incinerator having 50 kg/hr capacity complying to the emission norms specified in BMW Rules 2016 for new STNM hospital complete with erection and commissioning	1	18197529.00	18197529.00
c	(3) Horizontal Auto Clave (Rectangular) 450 ltrs for Biomedical BMW management	5	935000.00	4675000.00
d	(4) Shredder 15-20 kg	1	500000	500000.00
e	(5) High flow Nasal Oxygen (HFNO) Machine			
f	i) Adult	5	245000.00	1225000.00
	ii) Paediatric	5	245000.00	1225000.00

	Total	45330638.00
g	GST @12% on Sl.No.5 i.e. Rs.2450000.00	2940000.00
h	GST @ 18% on Sl.No.1,2,3 & 4 i.e. Rs.42880638.00	7718514.84
i	Total	53343152.84
j	Say	53343153.00
1.7A	Out of above, SG's Contribution in the Project Cost, if any	Nil
1.7B	Out of above, Contribution from any other Ministry/Agency in the Project Cost, if any	Nil
1.8	Date of receipt of proposal/concept note from State Government (SG)	27.05.2021
1.9	Original	
1.10	Revised (if any)	
2	Is the project in question supported/coverable under any other scheme of Central or State Government	No
3	Normative allocation of SG and related details	
4	List of line Ministries/IFD/Technical Wing/others to whom circulated for comments along with dates of circulation and date of receipt of comments, if any:	
	Name of line Ministry/IFD/Technical Wing/Others	Date of sending for comments
	IFD, MDoNER	27.05.2021
	Technical Wing, MDoNER	27.05.2021
	Ministry of Health & Family Welfare	27.05.2021
	Niti Aayog	27.05.2021
		Date of receipt of comments (if any)
		No comments received till date
		28.05.2021
		No comments received till date
		No comments received till date
5	Whether proposal has been accompanied with the following documents	
	(a) Concept Note	Yes. Concept paper is at p...../c

[illegible]

Comments of consulted line Ministries/IFD/Technical Wing, MDoNER

[illegible]

No. 2



GOVERNMENT OF SIKKIM
PLANNING AND DEVELOPMENT DEPARTMENT
TASHILING SECRETARIAT
GANGTOK, EAST SIKKIM-737101

Reference No. 06/P&DD/2021-22

Date: 27/05/2021

To

The Joint Secretary
NESIDS
Ministry of DoNER
Government of India
Vigyan Bhawan Annex
New Delhi.

Sub: Procurement of Health related items reg.

Sir,

With reference to your letter No.NESIDS/10/2020-O/a US(NKS) Dated-24th May, 2021 on the subject cited above, I am directed to forward herewith the concept paper along with an estimate amounting to Rs. 5,33,43,153/- (Rupees Five Corer Thirty Three Lakhs Forty Three Thousand One Hundred & Fifty Three) only for Procurement of health related items for managing the COVID-19 Pandemic under NESIDS.

The list of equipment and consumables communicated earlier by the Chief Secretary vide D.O Letter No. 14/CS/SKM/2021 Dated 22/05/2021 has been revised to remove the consumable items in consonance with the suggestion contained in your letter under reference.

Therefore, the proposal may kindly be sanctioned under NESIDS.

Yours Sincerely

Secretary
Planning and Development Department
Government of Sikkim

Enclosed as above;

SUB: PROCUREMENT OF EQUIPMENTS FOR STRENGTHENING OF BIOIMEDICAL WASTE MANAGEMENT (BMW) SYSTEM, & HIGH FLOW OXYGEN SYSTEM(HFNO) SYSTEM.

Medical waste can be infectious, causing high contamination and cross contamination risks to both people and the environment. According to the recommendations of WHO and other health organizations, hazardous medical waste should be treated as close as possible to the point of its production (operating theatres, laboratories, etc.). Disposal of this waste is an environmental concern, as many medical wastes are classified as infectious or biohazardous and could potentially lead to the spread of infectious disease. It must be properly managed and disposed of to protect the environment, general public and workers, especially healthcare and sanitation workers who are at risk of exposure to biomedical waste as an occupational hazard.

The existing waste management systems of the state is overloaded in this Covid-19 pandemic as huge quantity of infectious wastes are generated in health facilities, covid care centers, and quarantine centers. Hence in order to strengthen biomedical waste management system following equipments have been proposed:

INCINERATOR Biomedical waste is often incinerated. An efficient incinerator will destroy pathogens and sharps. Source materials are not recognizable in the resulting ash. Presently there is one incinerator in new STNM Hospital with installed capacity of 50kg/hr burn rate only and is frequently overloaded. The incinerators of District hospitals Gyalzing installed in the year 2003 has outlived its serviceable life and reports frequent breakdown. Hence one additional incinerator with capacity of 50kg/hr for new STNM Hospital and 15-20kg/hr for Gyalzing district hospital is proposed. (Proforma Invoice obtained from Thermax Ltd., Original Equipment Manufacture(OEM) is enclosed at Annexure-I & II)

AUTOCLAVE: Autoclaves operate at high temperature and pressure in order to kill microorganisms and spores. It uses steam and pressure to sterilize the waste or reduce its microbiological load prior to transportation and ultimate safe disposal. Total five number of autoclave designated for BMW management with capacity of 450 ltr is proposed for District hospitals and New STNM hospital. (Proforma Invoice of Manufacturer enclosed at Annexure-III.)

SHREDDER: It is vital in BMW management as shredding ensures the steam to penetrate the waste more efficiently. With shredding, volume of waste can be reduced to as little as 20%, will be unusable, prevent recycling and spreading contamination. Shredder with capacity of 20 kg is included in the proposal for district hospital Singtam. (The proposed rate in the estimate is as per the departmental approved rate.)

HIGH FLOW NASAL OXYGEN(HFNO) SYSTEM: 12 number of High Flow Nasal Oxygen(HFNO) machines for both adult and pediatric is proposed. HFNO administration is a relatively new technique that is used in the intensive care unit (ICU), and increasingly in the operating room (OR). HFNO has become popular in the ICU for management of patients with acute respiratory failure. (Proforma invoice obtained from the company is enclosed at Annexure-IV.)


In this regard, detail estimate amounting to Rs. 5,33,43,153 .00 (Rupees Five Crore thirty three lakh forty three thousand one hundred fifty three) only has been prepared and enclosed please.

Additional Chief Engineer(Mech)
Health & Family Welfare Department
Govt of Sikkim

THERMAX LIMITED, ENVIRONMENT HOUSE, PLOT NO. 50-52, BG BLOCK, MIDC BHOSARI, PUNE 411026, INDIA
TEL NO: 020-67156000, 67156222 FAX NO: 020-67156662

Water & Waste Solutions



Quotation / Proforma Invoice	
To, The Additional Chief Engineer (M) Health Dept. Govt of Sikkim Gangtok, East Sikkim	
Description	Unit Price in Rs.
Incinerator having 50 Kgs/hr capacity complying to the emission norms specified in BMW Rules 2018 for Hospital at Namchi as per our STD Technical offer	89,43,000.00
Accessories for the Incinerator	11,00,000.00
Self supported Mild steel rubber lined chimney of 250 mm top dia and 30 Mtr height alongwith Interconnecting ducting between ID fan and Chimney	17,05,000.00
Continuous Emission monitoring system (CEMS) for measuring parameters specified in BMW Rules 2018	33,00,000.00
Accessories for the CEMS	9,90,000.00
Erection and Commissioning	16,50,000.00
Sub Total	1,76,88,000.00
Packing @2%	3,53,760.00
Sub total	1,80,41,760.00
Freight / Transportation for Incinerator and Chimney	14,08,000.00
Transit Insurance	58,349.28
Total Price	1,95,08,109.28
GST @18%	35,11,459.67
GRAND TOTAL	2,30,19,568.95
RS. TWO CRORE THIRTY LACS NINETEEN THOUSAND FIVE HUNDRED SIXTY EIGHT ONLY .	
Payments terms :	
Supply :	
30% advance alongwith order	
10% against drawing submission	
50% alongwith 100% taxes and duties against proforma invoice prior to dispatch on pro rata basis.	
Erection and commissioning :	
50% advance against site mobilization	
50% within a week of completion of work against running bills	
Delivery	
Dispatch - Within 6 months of the date of receipt of technocommercially clear order and advance.	
Erection & commissioning - within 1 months of availability of material and readiness of site in all respect to start Erection activities .	
Warranty - 12 months from the date of commissioning or 18 Months from the date of dispatch, whichever is earlier	
Validity - 30 days from the date hereof.	
** Rate of Taxes and duties mentioned above are prevailing rates. In case of any variation in the rate of Statutory taxes and duties applicable at the time of dispatch , the same shall be extra to your account.	
For THERMAX LIMITED PRASHANT PENDSE SALES HEAD CELL NO 096233 26488	 PRASHANT PENDSE
24.05.2021	

THERMAX LIMITED, ENVIRONMENT HOUSE, PLOT NO. 90-92, BG BLOCK, MIDC BHOSAPUR, PUNE 411029, INDIA
TEL NO: 020-87158888, 87160232 FAX NO: 020-87158882

Waste & Waste Solutions



Quotation / Proforma Invoice		
To, The Additional Chief Engineer (M) Health Dept. Govt of Sikkim Gangtok, East Sikkim		
Description	Unit Price in Rs.	Price for 3 Units
Incinerator having 15-20 Kg/hr capacity complying to the emission norms specified in BMW Rules 2016 for district hospital as per the Standard technical Offer, specifications and scope of supply	78,50,000.00	2,35,50,000.00
Accessories for the incinerator	50,50,000.00	1,51,50,000.00
Self supported mild steel rubber lined chimney of 200 mm top dia and 30 Mtr height alongwith interconnecting ducting between ID fan and chimney	17,65,000.00	52,95,000.00
Continuous emission monitoring system (CEMS) for measuring parameters specified in BMW Rules 2016	32,60,000.00	97,80,000.00
Accessories for the CEMS	8,50,000.00	25,50,000.00
Erection and Commissioning	18,50,000.00	55,50,000.00
Sub Total	1,85,45,000.00	5,45,25,000.00
Packing @2%	3,70,900.00	11,12,700.00
Sub total	1,89,15,900.00	5,56,37,700.00
Freight / Transportation for incinerator and chimney	12,67,200.00	38,01,600.00
Transit Insurance	54,425.30	1,63,275.90
Total Price	1,81,97,525.30	5,45,92,575.90
GST @18%	32,75,555.27	98,20,665.62
GRAND TOTAL	2,14,73,080.57	6,44,13,241.52
PRICE FOR 3 UNITS - RS. SIX CRORE FORTY FOUR LACS NINETEEN THOUSAND TWO HUNDRED FIFTY THREE ONLY		
Payments terms		
Supply		
50% advance alongwith order		
50% against drawing submission		
50% alongwith 100% tests and duties against proforma invoice pro to dispatch on Pro rata basis		
Erection and commissioning		
50% advance against site inspection		
50% within a week of completion of work against running bills		
Delivery		
Dispatch - Within 5 months of the date of receipt of instrumentally clear order and advance.		
Erection & commissioning - within 1 months of availability of material and readiness of site in all respect to start erection activity		
Warranty - 12 months from the date of commissioning or 12 Months from the date of dispatch, whichever is earlier		
Validity - 30 days from the date thereof.		
Rate of Taxes and duties mentioned above are prevailing rates. In case of any variation in the rate of Statutory taxes and duties applicable at the time of dispatch, the same shall be extra to your account.		
for THERMAX LIMITED		
PRASHANT PANDSE		
SALES HEAD		
CELL NO 999233 26488		
24.05.2021		

BIOTRONICS MEDICAL

"MSME, ISO 9001:2015, ISO 13485:2016, GMP, CE & FDA Certified Company"

BM/21-22/IES 02(Sikkim Govt.)

Date- 20.05.2021

To,
The Additional Chief Engineer,
Health & Family Welfare Department,
Gangtok,
Sikkim,

Sub: Quotation for Bio-Hazard Autoclave (Through proper channel M/s, ISHANK ENTERPRISES, Opp: Kailash Flour Mill, Tadong, Sikkim, Pin Code No: 737102)

Dear Sir,

Here we are sending you a quotation for our autoclave for your ready reference :

Sl No.	Description	Make /Brand	Each price (Rs)	Qty.	Total Price(Rs)
1	Horizontal Autoclave (Rectangular) HSN CODE:8419	BM	935000.00	01	935000.00

Terms & Condition:-

1. Validity: 30 days.
2. Tax: IGST 18% extra, Packing Charge & Delivery Charge included FOR Destination.
3. Delivery: within 8 weeks from the date of your receive your technically & Commercially clear order.
4. Payment: 100% in advance along the order against our proforma invoice.
5. Installation: This charge will be extra at the site, if needed.
6. Warranty: 12 months from the date of supply against any manufacturing defects.
Warranty does not cover consumables and accessories like patient Cable, pipe Paddle, rubber bulb, and disposable accessories, if any Etc.

The Purchase Order & Payments of Hospital Equipments are to be made in favour of Biotronics Medical.

For Biotronics Medical

Authorised Signatory

"SHILPI"74 S.N.CHATTERJEE ROAD Kolkata: 700 034
Cell 91-9674260791/9830056239, Email: biotronicscalcutta3@gmail.com

ALIVIO HEALTHCARE PVT. LTD.



20-05-2021

Addl. Chief Engineer
Department of H.C. HS and Family Welfare
Government of Sikkim
Gangtok
Sikkim

Ref: Your Enquiry for HFNO/HFNC Machine

Sub: OFFER FOR SUPPLY OF HFNO/HFNC SYSTEMS TO GOVT. OF SIKKIM

Dear Sir,

We hereby offer our best rate for HF-60L ESSENTIAL HFNO/HFNC System manufactured by ELMASLAR IMALAT TIBBI CIHAZ A.S., ANKARA, TURKEY and marketed by AIRBLEND MEDICAL, IMPLURA Medical GmbH Glockenring 3, 50170 Kerpen, Deutschland.

AIRBLEND HF-60L ESSENTIAL OFFERS:

- Oxygen and air
- Built in blower reaches a flow rate of up to 60 liters per minute
- Humidifier
- Pre-heating of oxygen/air blend to 37°C
- Simple to operate
- Designed for continuous operation

Features:

- Suitable for treatment of Hypoxemic patient with respiratory distress
- Compliant for use on patients in ICU, wards, emergency department.
- It is single system for treating pediatric and adult patients
- Inbuilt flow generator capable of delivering wide range of flow: 2-60 liters/min.
- Inbuilt Air / O₂ blending, facility to deliver wide range of oxygen concentration (Fio₂)
- It has inbuilt Air source without need for external compressor
- Integrated heated humidifier with reusable water tank
- Complaint with international safety standards and regulations.

OUR OFFER:

Our best offered rate for AIRBLEND HF-60L ESSENTIAL is Rs. 245000.00 (Rupees Two Lacs Forty Five Thousand only) excluding GST.

GST@12% to be charged extra.

Terms & Conditions:

1. The prices will remain valid for 30 days.
2. Delivery period - 30 days
3. Shipment: FOB Destination
4. The Equipment offered by us is covered under Warranty for a period of 12 months

Regd. Office - 370/12, N.C.C. Sector Road, Naktik, Kokata 760047 • Branch Office - 112 Sindoor Garden, Kailash, 760008
Phone: (035) 24818021, 807035035, 803029511, 803007150 • Fax: (035) 24818021 • E-mail: info.aliviohealthcare@gmail.com
www.aliviohealthcare.com • CIN No.: U51909WB2012PTC182858
GSTIN: 19AAHCA6700C12H

ALIVIO HEALTHCARE PVT. LTD.



We trust that the above offer would have your approval and look forward to your valued orders which will receive our best attention.

Thanking you

Sincerely,

For, Alivio Healthcare Pvt. Ltd.

A handwritten signature in black ink, appearing to read 'Juni' followed by a small flourish.

Authorised Signatory

[Faint, illegible text at the bottom of the page, possibly a footer or additional contact information.]

ANNEXURE-Q

28 th meeting of IMC/NESIDS Committee scheduled on 02.06.2021			
I. CHECKLIST-CUM-AGENDA NOTE FOR SELECTION/SANCTION OF PROJECTS (to be submitted by Programme Division, MDoNER)			
Agenda Item No.:		State: Tripura	
Name of Project: Improvement of Medical Infrastructure in Tripura.			
<p>Project Description/Summary:-The project proposal is for Improvement of Medical Infrastructure in Tripura. The project has two components. The first component is Medical Infrastructure strengthening for COVID component viz. Arrangement of Medical Gas (Oxygen-O2) Plant, Pipeline with manifold system, logistics (Test Kits & Drugs) & Upgradation of health Sub-Centre (as hub of Testing/ vaccination site at village level) to tackle COVID-19 Pandemic situation in Tripura at an estimated cost of Rs. 32.70 crore. The second component is Medical Infrastructure strengthening for Non-COVID component viz. Infrastructure Development through setting up of Advance Diagnostic Laboratory, Cardiac Care Unit, Surgery unit, Dental chair followed by Blood Transfusion mechanism for strengthening of Health care service Delivery at Secondary and Tertiary care facilities of Tripura at an estimated cost of Rs. 24.68 crore.</p>			
Stage 1: Selection/Sanction of the Project			
1	General Information		
1.1	Estimated Cost (as per concept note/Proposal) (Final/revised, which is under consideration)	Rs. 57.38 crore	
1.2	Whether lying in backward areas	Not mentioned in the concept paper	
1.3	Sector: (Physical infrastructure relating to _____ (Water supply/Power/Connectivity - mention as applicable or creation of infrastructure in social sector in the areas of _____ (Primary/Secondary Sectors of Education/Health - mention as applicable)	Health	
1.4	Project Linkages with Promotion of Tourism (not exceeding 100 words):		
Not applicable			
1.5	Whether independent/new project or part of any other project of any other Ministry/SG/Agency, whether proposed, sanctioned or ongoing	Yes/No, if Yes, describe briefly	State Govt. has informed that Non duplicacy certificate will be submitted on selection of project.

1.6	If the project involves O & M, staff components, post construction management, recurring expenses etc for its running/maintenance etc e.g.(e.g.running of a Hostel building), has the SG agreed to take care of these activities			Operation and Maintenance will be done from the State Budget.
1.7	Broad Breakup of Major Components of the project Cost as per concept note			
	Description of items	Unit cost (in Rupees)	Total units	Cost (in Rupees)
Medical Infrastructure strengthening for COVID component				
	Setting up of (one nos. of Medical Gas (Oxygen O2) plant under National Health Mission.	20000000	1	20000000
	Setting up of Eight (8) nos, of Medical Gas (Oxygen-O2) pipeline with manifold system under National Health Mission.	10000000	8	80000000
	Procurement of RTPCR @ Rs. 150.00/test for mass screening and testing in Tripura.	150	100000	15000000
	Procurement of Antigen Test Kits @ 140.00/test for mass screening and testing in Tripura	140	500000	70000000
	Procurement of drugs as per Essential Drug List (EDL) and Rabies Vaccine for all the Public health facilities of Tripura.	22000000	1	22000000
	Construction of 40 (Forty) nos, of Health Sub Centre as per IPHS norms.	3000000	40	120000000
				327000000
Medical Infrastructure strengthening for Non-COVID component				
	Procurement of 1 (one) nos. of 5D Ultra Sonography Machine with Artificial intelligence for IGM Hospital, Agartala	10000000	1	10000000
	Procurement of 1 (One) nos. of TMT and Echo Machine for AGMC & GBP Hospital, Agartala.	12200000	1	12200000
	Setting up of Gynaecological Minimal Access Surgery Unit at AGMC & GBP Hospital, Agartala, Tripura	145200000	1	145200000

	Procurement of Two advanced Dental Chair for Tripura Medical College Medical College, Hapania, Agartala.	2000000	1	2000000
	Proposal for reducing out of pocket expenses & providing free of cost blood to all patients in the year 2021-22 & pre-transfusion advanced testing of blood donors.	1000	15000	15000000
	Upgradation of Laboratory Service at Atal Bihari Vajpayee Regional Cancer Centre (ABVRCC), Agartala, Tripura.	22360000	1	22360000
	Procurement of 16 (Sixteen) nos. of Digital X-ray with CR facilities	2500000	16	40000000
				246760000
	Total			573760000
say 57.38 crore				
1.7A	Out of above, SG's Contribution in the Project Cost, if any		Nil	
1.7B	Out of above, Contribution from any other Ministry/Agency in the Project Cost, if any	State Government inform that the entire funding may be done by Ministry of DoNER under the North East Special Development Scheme (NESIDS).		
1.8	Date of receipt of proposal/concept note from State Government (SG)		-	
1.9	Original		24.05.2021	
1.1	Revised (if any)			
2	Is the project in question supported/coverable under any other scheme of Central or State Government	NIL, SG informed that the project is not supported/coverable under any other scheme of Central or State Government.		
3	Normative allocation of SG and related details	-		
4	List of line Ministries/IFD/Technical Wing/others to whom circulated for comments along with dates of circulation and date of receipt of comments, if any:			
	Name of line Ministry/IFD/Technical Wing/Others	Date of sending for comments	Date of receipt of comments (if any)	

	IFD, MDoNER	27.05.2021	comments awaited
	Technical Wing	27.05.2021	
	Ministry of Health and Family welfare	27.05.2021	comments awaited
	NITI Aayog	27.05.2021	comments awaited
5	Whether proposal has been accompanied with the following documents		
	(a) Concept Note	Yes	Copy of concept note is annexed.
	b) Abstract of cost/Broad break up of costs	Yes	Yes, included in the Concept Note
	(c) Approval of CS	Yes	Forwarded by Planning Department after approval of CS
	(d) Any other (pl. specify)	NA	-
6	Comments of line Ministries/IFD/Technical Wing/Others in brief - (to be attached as per Annexure)		
7	Important observations/comments of Prog. Division:- The proposal is for strengthening Health Infrastructure in the State of Tripura. As per concept paper, Rabies Vaccine will be given to all Public Health facilities of Tripura which has no correlation with COVID-19. Accordingly, State Government has been requested to clarify the same. After due scrutiny, the PD recommends the proposal for consideration in the IMC.		
8	This issues with the approval of JS of Programme Division.		

Date:-


 Signature & Name and Designation of Authorised
 Officer of Programme Division

Annexure-I

Comments of consulted line Ministries/IFD/Technical Wing, MDoNER				
Sl.No.	Name of the line Ministry/IFD/Technical Wing, MDoNER	Comments in brief	Response of SG/proposal submitting agency to the comments	Response of programme Division
1	2	3	4	5
1	Technical Wing	The project costs Rs. 57.38 crore and is divided in two parts i.e. COVID & Non COVID components. The total unit Cost of different components has been taken in the project proposal. Mainly, the Project relates to Procurement of Medical Equipments. Thus no comments of technical wing. However, it is proposed that procurement should be done on competitive rates and as per Health Ministry Guidelines	All the proposals related to procurement of medical equipments, drugs and consumables will be done maintaining all Codal formalities as per the state DFPRT rules and GFR rules	Noted
		The provision of 40 Nos. Health Sub Centre (in Covid portion) has also been taken in the Project Proposal. The Unit Cost of Rs. 30 Lakh of each Sub Centre has been taken in the Project Proposal. The Unit cost of Rs. 30 Lakh each Sub Centre has been taken. The plinth area of Sub Centre has not been mentioned. State Govt. may be asked to work out cost on the basis of Plinth Area Rates.	National Health Mission, Tripura (Dept. of Health and Family Welfare, Govt. of Tripura) has its own specific approved DPR for construction of new Health Sub-Centre @Rs. 30 Lakh (copy enclosed)	SG has provided DPR for construction of new Health Sub-Centre. The same has been forwarded to Technical wing for further comments
		In non Covid portion, there is a provision of setting up of Gynaecological Minimal Access Surgery Unit. It is not clear Whether there is a provision of C./o building or not. If yes, then State Govt. may be asked to work out cost on the basis of Plinth Area Rates.	For setting up of Gynaecological Minimal Access Surgery Unit other than equipments logistics, no civil works are required. The unit will be set up in the existing building of AGMC & GBP Hospital in Department of Obstetrics and Gynaecology.	Comments of the SG has been forwarded to Technical Wing for further comments

Noted

No.F.6 (185)/PCD/NESIDS/2021-22

Government of Tripura

Planning (P&C) Department

Tel & Fax - (0381) 241 2943

E-mail: planning-tr@gov.inAgartala, 24th May, 2021

To

Shri Saurabh Endley,

Joint Secretary,

Ministry of Development of North Eastern Region,

Vigyan Bhavan Annexe, Maulana Azad Road,

Government of India

New Delhi - 110 011.

Subject: Project proposals for Strengthening Health Infrastructure funding under NESIDS for the year 2021-22.

Sir,

Kindly refer to the D.O. letter No. NESIDS/6/20219-O/o DIR (NLCPR) dated 20.05.2021 of Ministry of DoNER addressed to Chief Secretary, Government of Tripura regarding project proposals under NESIDS for Strengthening Health Infrastructure for Priority List 2020-21 of Tripura State.

2. The State Government has decided to send following project proposal **after approval of Chief Secretary, Government of Tripura** along with concept paper amounting to Rs. 57.38 crore in the Priority List for the year 2020-2021.

Sl No	Name of Projects	Project Cost (in crore)
1	Improvement of Medical Infrastructure in Tripura	57.38

3. I am therefore to request you to kindly consider for selection of the aforesaid project proposal and sanction of the amount of Rs. 57.38 crore under NESIDS for the year 2021-22.

Yours faithfully,

Enclo: As stated

(A. Roy)

24 May, 2021

Secretary to the
Government of Tripura

Copy to:

1. The Principal Secretary, Health, Government of Tripura for kind information.

Copy also to:

1. The Resident Commissioner, Tripura Bhawan, New Delhi for kind information and taking necessary action.
2. The PS to Chief Secretary for kind information of Chief Secretary, Government of Tripura.

No.F.6 (185)/PCD/NESIDS/2021-22
 Government of Tripura
Planning (P&C) Department
 Tel & Fax - (0381) 241 2943
 E-mail: planning-tr@gov.in

Agartala, 24th May, 2021

To
Shri Saurabh Endley,
 Joint Secretary,
 Ministry of Development of North Eastern Region,
 Vigyan Bhavan Annexe, Maulana Azad Road,
 Government of India
 New Delhi - 110 011.

Subject: Project proposals for Strengthening Health Infrastructure funding under NESIDS for the year 2021-22.

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 (A. Roy) 24 May, 2021
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GOVERNMENT OF TRIPURA

IMPROVEMENT OF MEDICAL INFRASTRUCTURE IN TRIPURA

A

**PROJECT PROPOSAL UNDER
NORTH EAST SPECIAL INFRASTRUCTURE DEVELOPMENT SCHEMES
(NESIDS)**

PROJECT COST: Rs.57.38

(COVID COMPONENT: Rs.32.70 CRORE & NON-COVID COMPONENT: Rs.24.68 CRORE)

MAY, 2021

HEALTH AND FAMILY WELFARE DEPARTMENT

GOVERNMENT OF TRIPURA

AGARTALA

A. Medical Infrastructure strengthening for COVID Component

**ARRANGEMENT OF MEDICAL GAS (OXYGEN-O₂) PLANT, PIPELINE
WITH MANIFOLD SYSTEM, LOGISTICS (TEST KITS & DRUGS) &
UPGRADATION OF HEALTH SUB-CENTRE (AS HUB OF
TESTING/TREATING/VACCINATION SITE AT VILLAGE LEVEL) TO TACKLE
COVID-19 PANDEMIC SITUATION IN TRIPURA**

[PROJECT COST: Rs.32.70 CRORE]

Sl.	ITEMS	DETAILED INFORMATION
A	GENERAL INFORMATION ABOUT THE PROJECT	
	Background	<p>As of now there is no Oxygen plant available in Tripura dedicatedly for hospitals. In this current Covid-19 pandemic situation, like entire country state of Tripura also felt the significance of Oxygen plant i.e Oxygen supported bed in the key hospitals.</p> <p>As a part of advance preparatory step and to tackle any emergency like situation of this pandemic Covid, Atal Bihari Vajpayee Regional Cancer Centre (ABVRCC) also converted as a dedicated Covid care hospital other the apex state hospital namely Agartala Government Medical College and GBP Hospital (AGMC & GBPH). Accordingly state has planned to set up one nos. of Medical Gas (Oxygen- O₂) plant with manifold system in this Cancer Hospital and pipeline with manifold system in seven district hospitals and one sub-divisional hospital.</p> <p>There is also lack of adequate testing logistics (RTPCR & antigen Kits) and medicine which have a big role to tackle Covid-19 pandemic situation through testing and treating for all Covid-19 patient including general patient.</p> <p>In addition State needs New building construction at least in 40 (Forty) Health Sub-Centres places where present facility is in dilapidated condition and accordingly screening, testing, treating, follow up and lastly vaccination activities are being hampered.</p>
i	Name of the Project	Arrangement of Medical Gas (OXYGEN-O ₂) Plant, pipeline with manifold system, Logistics (Test Kits, Drugs) and Upgradation of Health Sub-Centre (As hub of all testing, treating , vaccination) to tackle Covid-19 pandemic situation in Tripura
ii	Objectives of the Project	<p>A. To ensure uninterrupted supply of Oxygen to the severely affected Covid-19 patient at hospital for saving valuable lives.</p> <p>B. To ensure regular supply of Oxygen to the critical cancer patients other than Covid-19.</p> <p>C. To ensure testing of all suspected cases of Covid-19</p> <p>D. To ensure mass screening of contact traced cases for detection of positive cases.</p> <p>E. To minimize out of pocket expenditure for both Covid-19 and other general treatment</p> <p>F. To ensure availability of essential drugs in the facility for early medication of both Covid-19 and other general diseases</p> <p>G. To upgrade existing facility at village level for primary health care through Universal Health Coverage initiative with special focus on Covid-19.</p> <p>H. To implement diseases control programme specially Vector Borne Diseases (Specially Malaria), Tuberculosis and NCD (specially Hypertension & Diabetes) which cause mortality for all communicable & non communicable co-morbidity diseases severely for Covi-19 patients</p>
iii	Estimated Cost of Project	Rs. 32.70 core (Rupees Thirty two crore & seventy lakh) approx
iv	Indicate sources of Fund and	The entire funding may be done by Ministry of DoNER under the

Sl.	ITEMS	DETAILED INFORMATION																																				
	share of funding (NEC, State share and other sources wherever applicable).	North East Special Infrastructure Development Scheme (NESIDS).																																				
v	Availability of land and land size. Indicate clearly whether owned by Government / leased/ donated/ community owned etc.	Additional land is not required for the Setting up of Medical Gas (Oxygen- O ₂) plant , pipeline with manifold system in eight districts, arrangement of testing kit, EDL and new construction of Health Sub Centre in the Identified places (where HSC in dilapidated condition is available) of state.																																				
vi	Location of Project.	<p>The project will be located in the following places as per concerned project proposals.</p> <p>A. Oxygen plant will be at Atal Bihari Vajpayee Regional Cancer Centre (ABVRCC), Agartala,Tripura</p> <p>B. Oxygen pipeline in seven District Hospital / one Sub-Divisional Hospital.</p> <p>C. RTPCR and Antigen Test Kit for mass screening and testing & Procurement of drugs as per Essential Drug List (EDL) will be implemented in the entire of Tripura.</p> <p>D. Construction of 40 (Forty) nos. of Health Sub Centre as per IPHS norms will be located in forty different place of state.</p>																																				
vii	Name of District and Sub-division / Block where proposed project will be located	<p>A. The proposed Project will be implemented at Atal Bihari Vajpayee Regional Cancer Hospital (ABVRCC), Agartala,Tripura & in seven district hospital & one sub-divisional hospital. These are as follows.</p> <table><tr><th>Sl.No</th><th>District</th><th>Sub-Division</th><th>Name of Hospital(State/District)</th></tr><tr><td>1.</td><td>West</td><td>Sadar</td><td>IGM Hospital, Agartala</td></tr><tr><td>2.</td><td>Sepahijala</td><td>Melaghar</td><td>Melaghar Sub Divisional Hospital</td></tr><tr><td>3.</td><td>Khowai</td><td>Khowai</td><td>Khowai District Hospital</td></tr><tr><td>4.</td><td>Gomati</td><td>Udaipur</td><td>Gomati District Hospital</td></tr><tr><td>5.</td><td>South</td><td>Santirbazar</td><td>South District Hospital</td></tr><tr><td>6.</td><td>Dhalai</td><td>Ambassa</td><td>Dhalai District Hospital</td></tr><tr><td>7.</td><td>Unakoti</td><td>Kailashahar</td><td>Unakoti District Hospital</td></tr><tr><td>8.</td><td>North</td><td>Dharmanagar</td><td>North District Hospital</td></tr></table> <p>B. RTPCR and Antigen Test Kit for mass screening and testing will be implemented in the entire of Tripura.</p> <p>C. Procurement of drugs as per Essential Drug List (EDL) will be implemented in the entire of Tripura.</p> <p>D. Construction of 40 (Forty) nos. of Health Sub Centre as per IPHS norms will be located in forty different place of state.</p>	Sl.No	District	Sub-Division	Name of Hospital(State/District)	1.	West	Sadar	IGM Hospital, Agartala	2.	Sepahijala	Melaghar	Melaghar Sub Divisional Hospital	3.	Khowai	Khowai	Khowai District Hospital	4.	Gomati	Udaipur	Gomati District Hospital	5.	South	Santirbazar	South District Hospital	6.	Dhalai	Ambassa	Dhalai District Hospital	7.	Unakoti	Kailashahar	Unakoti District Hospital	8.	North	Dharmanagar	North District Hospital
Sl.No	District	Sub-Division	Name of Hospital(State/District)																																			
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7.	Unakoti	Kailashahar	Unakoti District Hospital																																			
8.	North	Dharmanagar	North District Hospital																																			
viii	Proposing /Implementing Department.	Health and Family Welfare Department, Government of Tripura is the proposing / Implementing Department.																																				
ix	Name of the executing Department / Agency.	Health and Family Welfare Department, Government of Tripura, is also the Executing Department / Agency.																																				
x	Enclose non-duplication	Non-duplication Certificate will be submitted on selection of																																				

Sl.	ITEMS	DETAILED INFORMATION
	certificate.	Project.
xi	Whether the Project falls within the Thrust Areas of NEC, Vision 2020 or Working Group recommendations. Specify.	These all are Special Project for management of severe Covid-19 positive cases by ensuring uninterrupted supply of Oxygen, testing through RTPCR and Antigen kit, procurement of EDL for treating and new construction of health sub-centre, place of hub for all kind of Covid-19 service delivery for saving valuable lives. Other than Covid-19 all these project proposals will be helpful to treat all kind of cases in a better way also. Thus this project will surely fulfil the interest of NEC.
xii	If Project is of regional in nature, give name of States which would also benefit.	Project is not of Regional in nature but North Eastern People will also be benefitted out of it.
xiii	If State specific project, give reasons why it cannot be funded from the State Plan.	Tripura is an economically poor State like other North Eastern States and cannot afford for funding such a project under State Plan.
xiv	If project is covered under any CSS/ Central scheme, name of the CSS/Central scheme and give reasons why funding has not been obtained / sought from the Ministry concerned.	Not covered under any CSS / Central scheme.
xv	Give details of convergence with other Central scheme / Centrally Sponsored Scheme / Central programme and State scheme built into the project. If not, state why	<p><u>RTPCR and Antigen Test Kit</u></p> <p>Covid-19 pandemic situation is a new health disaster and it has no relation with any other health programmes. Still control of communicable diseases is a very old programme and initiatives of health administration throughout the world since last many centuries.</p> <p><u>Procurement of drugs as per Essential Drug List (EDL)</u></p> <p>Under central scheme namely National Health Mission, JSSK (Janani Shisu Suraksha Karyakram) is a sub-scheme which ensure cashless benefit to all the pregnant mother (during both ANC & PNC) and new born in terms of free medicine.</p> <p>Moreover, for all the national diseases control programmes like National Vector Borne Disease Control Programme (specially Malaria & Dengu in Tripura), Tuberculosis programme (NTEP), Diarrhoeal diseases, NCD programme (Hypertension & Diabetes) also free medicine are being supplied. Thus this project will be helpful to provide free drugs.</p>
xvi	Give details of synergy built into the project with other Govt. schemes (e.g. technical and professional assistance).	<p><u>Medical Gas (OXYGEN-O₂) Plant, pipeline with manifold system:</u></p> <p>Other than severe Covid-19 patients Oxygen supply will be required also for emergency cancer patients for any critical cases including oncosurgery (Surgical oncology) and other treatment.</p> <p><u>RTPCR and Antigen Test Kit</u></p>

Sl.	ITEMS	DETAILED INFORMATION
		<p>Mass screening for different diseases like testing of suspected cases for Malaria, Tuberculosis, Swine Flu was very common policy since long ago. Through mass screening , testing and treatment only communicable diseases spread may control followed by social distancing and other appropriate measures for concerned diseases. Similarly for pandemic Covid-19 also there is a huge requirement of RTPCR & Antigen test kit for mass screening through testing. Accordingly, there is a synergy automatically for this Covoid-19 communicable disease like other communicable diseases.</p> <p><u>Procurement of drugs as per Essential Drug List (EDL)</u></p> <p>Following Govt. schemes will be benefited and a synergy will be built with this project.</p> <ol style="list-style-type: none"> 1. Janani Shisu Suraksha Karyakram (JSSK)- Free drugs to all pregnant mother as cashless benefit as per Govt. of India norms. 2. National Diseases Control Programme (NVBDCP- Malaria/Dengu, Tuberculosis-NTEP, Leprosy-NLEP, Oral health-NOHP, Mental Health-NMHP, Rabies vaccine-NRCP) <p><u>Upgradation of 40 (Forty) HSC as per IPHS norms:</u></p> <p>Ayushman Bharat is an ambitious programme of Govt. of India and in Health sector it has been named Ayushman Bharat – Health & Wellness Centre (HWC). As per Govt. of India by 2022 all Health Sub Centres to be upgraded as HWC. The proposal of new construction of Health Sub Centre building as directly related with upgradation of all HSC as HWC by stipulated time period given by Govt. of India.</p> <p>To implement in a better way national health programmes like Non Communicable Diseases (NCD), National Vector Borne Diseases Control Programme (specially Malaria), Tuberculosis (NTEP) other than Immunization, family planning and RCH (Reproductive and Child Health) will be helpful with this project.</p>

Sl.	ITEMS	DETAILED INFORMATION
xvii	Indicate sustainability of project including operation and maintenance of assets on completion of project.	Operation and Maintenance will be done from the State Budget.
xviii	Give details of the existing infrastructure and facilities available in the proposed projects location and also in the District and Sub-division / Block.	<p><u>Medical Gas (OXYGEN-O₂) Plant, pipeline with manifold system:</u></p> <p>In the entire state of Tripura nowhere any Oxygen plant available dedicatedly for Hospital service.</p> <p><u>RTPCR and Antigen Test Kit:</u></p> <p>In the entire state of Tripura this initiative is continuing from last year since the pandemic started. This project will be implemented throughout all the public health facilities of state starting from Health Sub-Centre to state hospitals.</p> <p><u>Procurement of drugs as per Essential Drug List (EDL)</u></p> <p>In the entire state of Tripura this initiative is continuing for since long and as per ability of state Govt budget and NHM fund allocation. This project will be implemented throughout all the public health facilities of state starting from Health Sub-Centre to state hospitals.</p> <p><u>Upgradation of 40 (Forty) HSC as per IPHS norms:</u></p> <p>At present 1000 nos. of Health Sub Centre is functional in the entire state. Out of which nos. of Health Sub Centre are in own IPHS norms facility. As on date total 280 (Two hundred & eighty) nos. of Health Sub Centre need new construction.</p> <p>At present state is proposing to construct atlesat 40 (forty) nos. of HSC</p>
xix	Whether it benefits ST / SC. If so, the % of population and beneficiaries covered.	Scheduled Tribe (ST) and Scheduled Caste (SC) population will be benefitted out of the proposed project. The total population of the State is 41 Lakh (approx) out of which ST-31.8% and SC-17.8% will be benefitted.
xx	Whether the Project is in District Council / Traditional Council Area. If so, give name of the Council	No. But people of Autonomous District Council will be benefitted out of it.
B	JUSTIFICATION / RATIONAL FOR THE PROJECT	

Sl.	ITEMS	DETAILED INFORMATION
i	State the nature and magnitude of the problem faced or the potential to be tapped. Elaborate the problems to be addressed or benefits that will accrue through the project. For social infrastructure project, also give the baseline of socio-economic parameters / indicators to justify the proposal.	<p>At present not a single facility is having any Oxygen plant from where Oxygen supply can be ensured for the critical patients. For managing any such critical patient Oxygen are being managed through Oxygen cylinder from one industry. Keeping in view the present Covid-19 pandemic situation and need of the hour to manage any emergency like situation state should arrange uninterrupted Oxygen supply for all the tertiary care facilities. In need to tackle any unwanted situation this initiative of uninterrupted Oxygen supply may save valuable lives. Moreover, being border area alongwith civilians a good number of Military and Para-military force also depends on local hospitals. In case of any causality Immediate treatment without wastage of time is very much required and thus the initiative namely Medical Gas (Oxygen- O₂) pipeline with manifold system will be fruitful. So a package to tackle Covid-19 situation state need financial support for the following areas.</p> <ul style="list-style-type: none"> A. State has planned to set up one nos. of Medical Gas (Oxygen- O₂) plant with manifold system in this Cancer Hospital and setting up of pipeline in seven District Hospital/ one Sub-Divisional Hospital. B. Other than Oxygen supply Procurement of RTPCR and Antigen Test Kit for mass screening and testing in Tripura also required. With the increased number of positive cases in second wave good number of testing logistics also required. C. Additionally Procurement of drugs as per Essential Drug List (EDL) for all the public health facilities of Tripura also required to ensure supply of medicine for Covid-19 positive patients both in hospital, home isolation and other general purpose of non-Covid patient also. Prevention of any communicable and non-communicable diseases in this pandemic situation of Covid-19 also important by ensuring drugs to all the people of Tripura who depends primarily on public health facilities.\ D. Construction of 40 (Forty) nos. of Health Sub Centre as per IPHS norms is another significant aspect to tackle pandemic Covid-19 situation in state of Tripura. Starting from screening, testing, follow up of patients and vaccination Health Sub-Centre plays a vital role in primary health care at village level.
ii	The development objectives proposed to be achieved.	Arrangement of Medical Gas (OXYGEN-O ₂) Plant, pipeline with manifold system, Logistics (Test Kits, Drugs) and Upgradation of Health Sub-Centre (As hub of all testing, treating , vaccination) to tackle Covid-19 pandemic situation in Tripura
iii	Indicate the sections and number of population to be benefitted.	The entire state population approximately 41 Lakhs (Forty one Lakh) will be benefitted. In addition a good number persons from Military, Para-military, Central Police, different Central agencies, Central Officials, private sector firms, students from all over India and labours of other state also depends on local health facilities.
iv	For income generating activities / skill development indicate the number of	Question of income generation does not arise in Social Sector project.

Sl.	ITEMS	DETAILED INFORMATION																																							
	beneficiaries targeted and the methodology for selection of beneficiaries.																																								
C	PROJECT DESCRIPTION & MAIN ACTIVITIES																																								
I	Sector under which project is proposed	This proposed project falls under Social Sector.																																							
ii	Component wise cost of Project / main activities (e.g. building and other civil works, machineries, tools & equipments, miscellaneous fixed assets, agricultural inputs, training components etc.)	<table><tr><th>Description of items</th><th>Unit cost (In lakh)</th><th>Total Unit</th><th>Cost Rs. in lakh</th></tr><tr><td>Setting up of 1 (one) nos. of Medical Gas (Oxygen- O₂) plant under National Health Mission.</td><td>Rs.200.00 (Two crore approx)</td><td>01 (One) Nos.</td><td>Rs.200.00 (Two Crore approx)</td></tr><tr><td>Setting up of 8 (eight) nos. of Medical Gas (Oxygen- O₂) pipeline with manifold system under National Health Mission.</td><td>Rs.100 (One Crore approx)</td><td>08 (Eight) Nos.</td><td>Rs.800.00 (Eight Crore approx)</td></tr><tr><td>Procurement of RTPCR @ Rs. 150.00/test for mass screening and testing in Tripura</td><td>Rs.0.0015 (One hundred & fifty approx)</td><td>1 Lakh (One lakh) Nos.</td><td>Rs.150.00 (One crore & fifty lakh approx)</td></tr><tr><td>Procurement of Antigen Test Kit@ Rs. 140.00/test for mass screening and testing in Tripura</td><td>Rs.0.0014 (One hundred & forty approx)</td><td>5 Lakh (Five lakh) Nos.</td><td>Rs.700.00 (Seven crore approx)</td></tr><tr><td>Procurement of drugs as per Essential Drug List (EDL) and Rabies Vaccine for all the public health facilities of Tripura.</td><td>Rs.220.00 (Two crore & twenty lakh approx)</td><td>01 (One) Nos.</td><td>Rs.220.00 (Two crore & twenty lakh approx)</td></tr><tr><td>Construction of 40 (Forty) nos. of Health Sub Centre as per IPHS norms</td><td>Rs. 30.00 Lakh (Thirty lakh approx)</td><td>40 (Forty) Nos.</td><td>Rs.1200.00Lakh (Twelve Crore approx)</td></tr><tr><td colspan="3">Total</td><td>Rs.3 2.70core</td></tr><tr><td colspan="4">(Rupees: Thirty two Crore & Seventy Lakh only (Approx))</td></tr></table>				Description of items	Unit cost (In lakh)	Total Unit	Cost Rs. in lakh	Setting up of 1 (one) nos. of Medical Gas (Oxygen- O ₂) plant under National Health Mission.	Rs.200.00 (Two crore approx)	01 (One) Nos.	Rs.200.00 (Two Crore approx)	Setting up of 8 (eight) nos. of Medical Gas (Oxygen- O ₂) pipeline with manifold system under National Health Mission.	Rs.100 (One Crore approx)	08 (Eight) Nos.	Rs.800.00 (Eight Crore approx)	Procurement of RTPCR @ Rs. 150.00/test for mass screening and testing in Tripura	Rs.0.0015 (One hundred & fifty approx)	1 Lakh (One lakh) Nos.	Rs.150.00 (One crore & fifty lakh approx)	Procurement of Antigen Test Kit@ Rs. 140.00/test for mass screening and testing in Tripura	Rs.0.0014 (One hundred & forty approx)	5 Lakh (Five lakh) Nos.	Rs.700.00 (Seven crore approx)	Procurement of drugs as per Essential Drug List (EDL) and Rabies Vaccine for all the public health facilities of Tripura.	Rs.220.00 (Two crore & twenty lakh approx)	01 (One) Nos.	Rs.220.00 (Two crore & twenty lakh approx)	Construction of 40 (Forty) nos. of Health Sub Centre as per IPHS norms	Rs. 30.00 Lakh (Thirty lakh approx)	40 (Forty) Nos.	Rs.1200.00Lakh (Twelve Crore approx)	Total			Rs.3 2.70core	(Rupees: Thirty two Crore & Seventy Lakh only (Approx))			
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iii	Indicate the gender content (For gender budgeting). If women beneficiaries are covered, the % of coverage.	Out of 41 Lakh (approx) population approximately 19.80 Lakh (approx) female population will be benefitted.																																							

Sl.	ITEMS	DETAILED INFORMATION		
Iv	List out basic Indicators for measuring achievement / Success of the Project.	Achievement / Success of the Project may be gauged from improvement of Health status of the people of the State.		
D	PHYSICAL DETAILS			
	Year-wise phasing & Time frame for completion of project.	Project will be completed by 06 months. Year-wise phasing:		
		Description of items	2021-22	Total
		Setting up of 1 (one) nos. of Medical Gas (Oxygen- O ₂) plant under National Health Mission.	100%	100%
		Setting up of 8 (eight) nos. of Medical Gas (Oxygen- O ₂) pipeline with manifold system under National Health Mission.	100%	100%
		Procurement of RTPCR @ Rs. 150.00/test for mass screening and testing in Tripura	100%	100%
		Procurement of Antigen Test Kit@ Rs. 140.00/test for mass screening and testing in Tripura	100%	100%
		Procurement of drugs as per Essential Drug List (EDL) and Rabies Vaccine for all the public health facilities of Tripura.	100%	100%
		Construction of 40 (Forty) nos. of Health Sub Centre as per IPHS norms	100%	100%
E	FINANCIAL DETAILS			
Year-wise phasing	Project will be completed by 06 months. Financial Phasing:			
	Description of items	2021-22 (Rs. in lakh)	Total (Rs. in lakh)	
	Setting up of 1 (one) nos. of Medical Gas (Oxygen- O ₂) plant under National Health Mission.	Rs. 200.00	Rs. 200.00	
	Setting up of 8 (eight) nos. of Medical Gas (Oxygen- O ₂) pipeline with manifold system under National Health Mission.	Rs. 800.00	Rs. 800.00	
	Procurement of RTPCR @ Rs. 150.00/test for mass screening and testing in Tripura	Rs. 150.00	Rs. 150.00	
	Procurement of Antigen Test Kit@ Rs. 140.00/test for mass screening and testing in Tripura	Rs. 700.00	Rs. 700.00	
	Procurement of drugs as per Essential Drug List (EDL) and Rabies Vaccine for all the public health facilities of Tripura.	Rs. 220.00	Rs. 220.00	
	Construction of 40 (Forty) nos. of	Rs. 1200.00	Rs. 1200.00	

Sl.	ITEMS	DETAILED INFORMATION		
		Health Sub Centre as per IPHS norms		
		Total	Rs. 3200.70	Rs. 3200.70
F	Indicate if any statutory clearances including Forest and Environmental Clearances etc. are required.	Health and Family Welfare Department, Government of Tripura is proposing for Arrangement of Medical Gas (OXYGEN-O ₂) Plant, pipeline with manifold system, Logistics (Test Kits, Drugs) and Upgradation of Health Sub-Centre (As hub of all testing, treating, vaccination) to tackle Covid-19 pandemic situation in Tripura. Thus statutory clearance is not required.		


(Dr. Siddharth Shiv Jaiswal, IAS)

Mission Director: NHM

Government of Tripura

B. Medical Infrastructure strengthening for Non-COVID Component

**INFRASTRUCTURE DEVELOPMENT THROUGH SETTING UP OF
ADVANCE DIAGNOSTIC LABORATORY, CARDIAC CARE UNIT , SURGERY
UNIT, DENTAL CHAIR FOLLOWED BY BLOOD TRANSFUSION
MECHANISM FOR STRENGTHENING OF HEALTH CARE SERVICE
DELIVERY AT SECONDARY AND TERTIARY CARE FACILITIES OF TRIPURA**

[PROJECT COST: Rs.24.68 CRORE]

Sl.	ITEMS	DETAILED INFORMATION
A	GENERAL INFORMATION ABOUT THE PROJECT	
	Background	Being poor socio-economic condition and non availability of private sector facilities in rural & remote places of the state, maximum people depends only on Public Health facilities. As per latest NFHS-5 data out of pocket expenditure of state of Tripura is Rs.6640.00 (Six thousand six hundred and forty) which is 5 th highest in the country. For availing some high end diagnostic facility like USG, Cardiac Care, Surgery, Cancer treatment, Dental Health, Radiology and Blood transfusion matters often people has to go outside of state and ultimately causes huge expenses on savings and sometimes patient family become ruined.
I	Name of the Project	Infrastructure Development through setting up of advanced diagnostic services laboratory, USG, Cardiac Care Unit, Surgery unit, Dental chair followed by blood transfusion mechanism for Strengthening of Health Care Service Delivery at Secondary and Tertiary Care facilities of Tripura.
II	Objectives of the Project	<ol style="list-style-type: none"> 1. To ensure diagnostic facility for identifying actual cause of diseases with the help of advance USG, Cardiac Care, Radiology, laboratory & Dental procedures. 2. To ensure proper treatment through advanced Surgery unit and Dental Chair. 3. To set up advanced pre-transfusion facility for diseases like HIV, HCV, Malaria, Syphilis, Thalassemic & sickle cell etc. 4. To ensure comprehensive free diagnostic services. 5. To minimize the out of pocket expenditure (OOPE) 6. To ensure proper and immediate treatment at state itself.
iii	Estimated Cost of Project	Rs. 2468 Lakh (Twenty four Crore & Sixty eight Lakh only (Approx)
iv	Indicate sources of Fund and share of funding (NEC, State share and other sources wherever applicable).	The entire funding may be done by Ministry of DoNER under the North East Special Development Scheme (NESIDS).
V	Availability of land and land size. Indicate clearly whether owned by Government / leased/ donated/ community owned etc.	Additional land is not required for the proposed Infrastructure Development through setting up of advanced diagnostic services laboratory, USG, Cardiac Care Unit, Surgery unit, Dental chair followed by blood transfusion mechanism for Strengthening of Health Care Service Delivery at Secondary and Tertiary Care facilities of Tripura.
VI	Location of Project.	The project will be located at identified secondary and tertiary health care facilities of Tripura
vii	Name of District and Sub-division / Block where proposed project will be located	Under the proposal namely " Infrastructure Development through setting up of advanced diagnostic services laboratory, USG, Cardiac Care Unit, Surgery unit, Dental chair followed by blood transfusion mechanism for Strengthening of Health Care Service Delivery at Secondary and Tertiary Care facilities of Tripura." following sub-projects have been planned.

		<p>Name of all those project proposals mention here with location here.</p> <ol style="list-style-type: none">1. 5 D Ultra Sonography Machine with Artificial Intelligence for IGM Hospital, Agartala.2. Procurement of 1(One) nos. of TMT and ECHO machine for AGMC & GBP Hospital, Agartala.3. Setting up of Gynaecological Minimal Access Surgery Unit at Agartala Government Medical College & Gobinda Ballav Panth Hospital, Agartala, Tripura.4. Procurement of Two advanced Dental Chair for Tripura Medical College, Hapania, Agartala5. Proposal for reducing out of pocket expenses & providing free of cost blood to all patients in the year 2021-22 & pre-transfusion advanced testing of blood donors for blood safety.6. Upgradation of Laboratory Service at Atal Bihari Vajpayee Regional Cancer Centre (ABVRCC), Agartala, Tripura.7. Procurement of 16 (Sixteen) nos. of Digital X-Ray machine with CR facilities. The proposed Project will be implemented at following location. <table><tr><th>Sl.No</th><th>District</th><th>Sub-Division</th><th>Name of Hospital</th></tr><tr><td>1</td><td rowspan="3">Sepahijala</td><td>Jampuijala</td><td>Takarjala CHC</td></tr><tr><td>2</td><td>Sonamura</td><td>Sonamura CHC</td></tr><tr><td>3</td><td>Sonamura</td><td>Kathalia CHC</td></tr><tr><td>4</td><td>Gomati</td><td>Karbook</td><td>Karbook CHC</td></tr><tr><td>5</td><td rowspan="4">South</td><td>Belonia</td><td>Rajnagar CHC</td></tr><tr><td>6</td><td rowspan="3">Sabroom</td><td>Manu Bankul CHC</td></tr><tr><td>7</td><td>Srinagar CHC</td></tr><tr><td>8</td><td>Manubazar CHC</td></tr><tr><td>9</td><td rowspan="3">Dhalai</td><td>Gandacharra</td><td>Gandacharra Sdh</td></tr><tr><td>10</td><td>Longtarai</td><td>Manu CHC</td></tr><tr><td>11</td><td>Valley</td><td>Chawmanu CHC</td></tr><tr><td>12</td><td rowspan="2">Unakoti</td><td>Kailashahar</td><td>Kumarghat CHC (upcoming SDH)</td></tr><tr><td>13</td><td>Kailashahar</td><td>Pecharthal PHC (Upcoming CHC)</td></tr><tr><td>14</td><td rowspan="3">North</td><td>Kanchanpur</td><td>Kanchanpur sdh</td></tr><tr><td>15</td><td>Dharmanaga</td><td>Panisagar CHC</td></tr><tr><td>16</td><td>r</td><td>Kadamtala CHC</td></tr></table>	Sl.No	District	Sub-Division	Name of Hospital	1	Sepahijala	Jampuijala	Takarjala CHC	2	Sonamura	Sonamura CHC	3	Sonamura	Kathalia CHC	4	Gomati	Karbook	Karbook CHC	5	South	Belonia	Rajnagar CHC	6	Sabroom	Manu Bankul CHC	7	Srinagar CHC	8	Manubazar CHC	9	Dhalai	Gandacharra	Gandacharra Sdh	10	Longtarai	Manu CHC	11	Valley	Chawmanu CHC	12	Unakoti	Kailashahar	Kumarghat CHC (upcoming SDH)	13	Kailashahar	Pecharthal PHC (Upcoming CHC)	14	North	Kanchanpur	Kanchanpur sdh	15	Dharmanaga	Panisagar CHC	16	r	Kadamtala CHC
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viii	Proposing / Implementing Department.	Health and Family Welfare Department, Government of Tripura is the proposing / Implementing Department.																																																								
ix	Name of the executing Department / Agency.	Health and Family Welfare Department, Government of Tripura is the proposing / Implementing Department.																																																								
x	Enclose non-duplication certificate.	Non-duplication Certificate will be submitted on selection of Project.																																																								
xi	Whether the Project falls within the Thrust Areas of NEC, Vision 2020 or Working Group recommendations. Specify.	All these are Special Project for quality medical services through diagnosing appropriate cause of problem and treatment accordingly followed by safe and appropriate blood transfusion. People from all over Tripura and nearby Northern Eastern states like Part of Assam (adjacent districts of Tripura), Mizoram & Meghalaya attend OPDs, IPDs to receive the facilities available in various secondary and tertiary care facilities of state of Tripura for better diagnosis and treatment. Thus this project will surely fulfil the interest of NEC																																																								

xii	If Project is of regional in nature, give name of States which would also benefit.	Project is not of Regional in nature but North Eastern People will also be benefitted out of it. People from all over Tripura and nearby Northern Eastern states like Part of Assam (adjacent districts of Tripura), Mizoram & Meghalaya will be benefitted from these projects.
xiv	If project is covered under any CSS/ Central scheme, name of the CSS/Central scheme and give reasons why funding has not been obtained / sought from the Ministry concerned.	Not covered under any CSS / Central scheme.
xv	Give details of convergence with other Central scheme / Centrally Sponsored Scheme / Central programme and State scheme built into the project. If not, state why	<p><u>5 D Ultra Sonography Machine with Artificial intelligence:</u></p> <p>Under central scheme namely National Health Mission in Maternal Health programme this project will be very helpful during Ante Natal period of pregnancy. PMSMA (Pradhan Mantri Surakshit Matritta Abhiyan) is an initiative to ensure one medical check up by a doctor for all the expected mothers during second trimester of pregnancy. Thus abnormality or any such thing can be detected and appropriate steps may be taken accordingly with full accuracy with this high end model of USG machine.</p> <p>A. Diagnose of any abdominal/extra abdominal diseases will be much easier.</p> <p>B. Through extra abdominal diagnosis facility other programmes namely NPCB (Blindness Control), NPCDCS (Breast cancer), NTEP (Tuberculosis programme) etc will be benefitted.</p> <p><u>TMT and ECHO machine:</u></p> <p>Under central scheme namely National Health Mission Non Communicable Diseases (NCD) is one of the significant programme which address life style diseases. Among different life style diseases cardio Vascular diseases is one of vital diseases which causes paralytic disorder and deaths.</p> <p>This project will be helpful to detect and treat cardio vascular diseases properly and thus valuable lives can be saved. Thus there is a convergence in between this project and national programme namely "National Programme for Control of Cancer Diabetes Cardiovascular & Stroke (NPCDCS)"</p> <p><u>Gynaecological Minimal Access Surgery Unit:</u></p> <p>Under central scheme namely National Health Mission in Rastriya Bal Swastha Karyakram (RBSK) programme this project will be very helpful during any surgical treatment. Ante Natal period of pregnancy.</p> <p>Moreover under JSSK (Janani Shisu Suraksha Karyakram) also to ensure safe delivery (in case of C-Section) this project will be very much helpful to provide cashless benefit as per scheme.</p> <p><u>Advanced Dental Chair:</u></p> <p>National Oral Health Programme (NOHP) is a vertical programme of Nation Health Mission. With this project NOHP will be benefitted.</p>

		<p><u>Pre-transfusion advanced testing of blood donors for blood safety:</u></p> <p>Under central scheme namely National Health Mission in Rastriya Bal Swastha Karyakram (RBSK) programme this project will be very helpful during any surgical treatment where blood transfusion is a integrated part and need of entire treatment procedure.</p> <p>Under Maternal health programme, to treat severe anaemic mothers blood transfusion become prime initiative to save lives of mother and baby.</p> <p>Moreover under JSSK (Janani Shisu Suraksha Karyakram) also to ensure safe delivery (in case of C-Section) this project will be very much helpful to provide cashless benefit by providing free blood transfusion with safety.</p> <p><u>Laboratory Service at Regional Cancer Centre:</u></p> <p>Under central scheme namely National Health Mission Non Communicable Diseases (NCD) is one of the significant programme which address life style diseases. Among different life style diseases Cancer is one of deadly diseases which causes organ lose and deaths.</p> <p>This project will be helpful to detect and treat Cancer diseases properly and thus valuable lives can be saved. Thus there is a convergence in between this project and national programme namely "National Programme for Control of Cancer Diabetes Cardiovascular & Stroke (NPCDCS)"</p>
xvi	Give details of synergy built into the project with other Govt. schemes (e.g. technical and professional assistance).	<p>Various Govt. schemes are there which has a synergy with these project proposals and they are as follows.</p> <ol style="list-style-type: none"> 1. JSSK (Janani Shisu Suraksha Karyakram) 2. RBSK (Rastriya Bal Swastha Karyakram) 3. NPCDCS (National Programme for Control of Cancer Diabetes Cardiovascular & Stroke) 4. NOHP (National Oral Health Programme) 5. PMSMA (Pradhan Mantri Surakshit Matritta Abhiyan)
xvii	Indicate sustainability of project including operation & maintenance of assets on completion of project.	Operation and Maintenance will be done from the State Budget.
xviii	Give details of the existing infrastructure and facilities available in the proposed projects location and also in the District and Sub-division / Block.	<ol style="list-style-type: none"> 1. Latest Surgery Unit not available nowhere in state. 2. Regarding advance laboratory for Cancer treatment no such facility available in Tripura. 3. At two tertiary level facilities only USG, Cardiac Care unit is available but need to be updated with latest development. 4. Dental chair available but advanced Dental chair required to provided updated dental health care services. 5. Testing of blood with more efficacies for safety before transfusion is mandatory and update is required. 6. Basic radiology services to be ensured atleast in all the secondary care facilities.

xix	Whether it benefits ST / SC. If so, the % of population and beneficiaries covered.	Scheduled Tribe (ST) and Scheduled Caste (SC) population will be benefitted out of the proposed project. The total population of the State is 41 Lakh (approx) out of which ST-31.8% and SC-17.8% will be benefitted.
xx	Whether the Project is in District Council / Traditional Council Area. If so, give name of the Council.	No. But majority of people of Autonomous District Council will be benefitted out of it.
B	JUSTIFICATION / RATIONAL FOR THE PROJECT	
i	State the nature and magnitude of the problem faced or the potential to be tapped. Elaborate the problems to be addressed or benefits that will accrue through the project. For social infrastructure project, also give the baseline of socio-economic parameters / indicators to justify the proposal.	<p><u>5 D Ultra Sonography Machine with Artificial Intelligence:</u></p> <p>At present not a single facility is having any 4 D Ultra Sonography Machine with Artificial Intelligence from where appropriate diagnosis can be ensured.</p> <p>With this project quality and accuracy of diagnosis will be improved and appropriate treatment can be ensured.</p> <p>With much more clear image of organ / specific part of body it will be helpful to take proper steps for treatment.</p> <p><u>TMT and ECHO Machine:</u></p> <p>At present availability of TMT and ECHO machine in the state is not enough against the increase case of cardio vascular diseases. If approved and desired machine become available in the AGMC & GBP hospital then more number of patient can be treated properly in right time and accordingly a good number of lives can be saved.</p> <p>With increased number of diagnosis facility without wasting time senior citizens and emergency patients can be treated.</p> <p><u>Gynaecological Minimal Access Surgery Unit:</u></p> <p>At present not a single facility is having any Gynaecological Minimal Access Surgery Unit from where appropriate diagnosis can be ensured.</p> <p>With this project quality and accuracy of diagnosis followed by surgery will be improved and appropriate treatment can be ensured.</p> <p>Quicker recovery after any surgical diseases, shorter hospital stay, less out of pocket expenditure with lower risk & thus higher safety to the patients will be ensured with this project.</p> <p><u>Advanced Dental Chair:</u></p> <p>At present not a single facility is having any Digital OPG Machine with Lateral Cephalogram with Accessories in the entire state. But dental chair is available in 22 (twenty two) Community Health Centres, 12 (twelve) two Sub-divisional Hospital, 6 (Six) District Hospital and 3 (three) State Hospitals.</p> <p>With these Advance Dental Chairs and Digital OPG Machine with Lateral Cephalogram , Dental Surgeons at TMC will be able to provide Restoration, Root Canal Treatment, Scaling and Root Planning , Management of fracture of bones at Oro-Facial Region (RTA cases)</p>

Pre-transfusion advanced testing of blood donors for blood safety:

Blood when need to be transfused to any patient, must be a safe one. More challenges are there for multi transfused patient requirements for Thalassemic & sickle cell suffered ones. For that reason, mandatory screening for disease like HIV, HCV, Malaria & Syphilis must be done. Conventionally screening tests for these diseases are usually done by rapid tests/ ELISA tests. But there are also missed case of Occult HBV detection by serological testing.

Advanced Pre-Transfusion screening of blood donors for HIV 1 & 2, HCV & HBV VIRAL MARKERS is a highly sensitive & sophisticated screening modality which has reduced the window period of HIV, HCV & HBV in comparison to serological tests. During last one decade most of the developed countries have introduced Pre-transfusion molecular screening of blood donors for HIV, HBV & HCV infections. It is claimed to be a highly specific & sensitive tests. It also curtails the window period for these disease to a significant degree & Advanced Pre-transfusion screening of blood donors for HIV 1 & 2, HCV & HBV VIRAL MARKERS screening beneficial in the population where sero-prevalence of Transfusion Transmitted Infection is high.

Laboratory Service at Regional Cancer Centre:

Laboratory service is the utmost important service which helps the clinicians to detect the probable disease. At present ABV RCC is running with minimum clinical chemistry laboratory set up with one **Fully Automated Clinical Chemistry Analyzer** and an **Electrolyte Analyzer**. Being an only referral Cancer Institute in Tripura urgently upgraded laboratory with advanced technology is required to render high quality laboratory service.

There is no single test that can accurately diagnose cancer. The complete evaluation of a patient usually requires a thorough history and physical examination along with diagnostic testing.

The proposed project if approved will be fruitful to identify and treat properly many cancer patient and a they can survive a health life.

With this project it will also be possible to reduce out of pocket expenditure for the people of entire state of Tripura along with adjacent states of North East India.

Basic Radiology services at all Secondary care facilities:

Poor socio-economic condition and lack of private sector facilities in rural & remote places of the state, maximum people depends only on Public Health facilities. As per latest NFHS-5 data out of pocket expenditure of state of Tripura is Rs.6640.00 (Six thousand six hundred and forty) which is 5th highest in the country. In case of an emergency people bound to depends only nearby primary health care facilities like CHCs & SDHs.

Presently out of 22 (twenty two) Community Health Centres and 12 (twelve) two Sub-divisional Hospital, Digital X-ray with CR facilities are available in 8 nos. of CHC and 10 nos. of SDH.

All those facilities situated in rural & remote places where no private

		facilities also available. As a result in case of any road traffic accident or any kind of emergency patient have to travel to the tertiary care facilities which is generally situated in a far place and for these transportation become also a challenge for the poor & remote area habitants. Huge out of pocket expenditure (OOPE) is one of the reasons for this also. In this circumstances, to mitigate the disparity throughout the state Digital X-ray with CR facility are required in 14 nos. of CHC and 2 nos. of SDH.												
ii	The development objectives proposed to be achieved.	Immediately after approval & sanctioning of fund through GeM or Tendering or maintaining all codal formalities all the procurement/arrangement will be completed within three months.												
iii	Indicate the sections and number of population to be benefitted.	Directly all the patients who will avail the treatment facility at proposed sites will be benefitted primarily. But indirectly the entire state population approximately 41 Lakhs (Forty one Lakh) will be benefitted. In addition a good number persons from Military, Para-military, Central Police, different Central agencies, Central Officials, private sector firms, students from all over India and labours of other state also depends on local health facilities and in need through referral system they will also be benefitted. (CHC & SDH) are situated in different population of state. Approximately 15 Lakhs population comprising of Scheduled Tribe (ST), Scheduled Caste (SC) and General will be benefitted.												
iv	For income generating activities / skill development indicate the number of beneficiaries targeted and the methodology for selection of beneficiaries.	Question of income generation does not arise in Social Sector project.												
C	PROJECT DESCRIPTION & MAIN ACTIVITIES													
i	Sector under which project is proposed	This proposed project falls under Social Sector.												
ii	Component –wise cost of Project / main activities (e.g. building and other civil works, machineries, tools & equipments, miscellaneous fixed assets, agricultural inputs, training components etc.)	<table><tr><th>Description of items</th><th>Unit cost (In lakh)</th><th>Total Unit</th><th>Cost Rs. in lakh</th></tr><tr><td>Procurement of 1(One) nos. of 5 D Ultra Sonography Machine with Artificial Intelligence for IGM Hospital,Agartala.</td><td>Rs.100.00 (One crore approx)</td><td>01 (One) Nos.</td><td>Rs.100.00 (One crore approx)</td></tr><tr><td>Procurement of 1(One) nos. of TMT and ECHO machine for AGMC & GBP Hospital, Agartala</td><td>Rs. 122.00 (Rs. One Crore twenty two lakh)</td><td>01 (One) Nos.</td><td>Rs. 122.00 (Rs.One Crore twenty two lakh)</td></tr></table>	Description of items	Unit cost (In lakh)	Total Unit	Cost Rs. in lakh	Procurement of 1(One) nos. of 5 D Ultra Sonography Machine with Artificial Intelligence for IGM Hospital,Agartala.	Rs.100.00 (One crore approx)	01 (One) Nos.	Rs.100.00 (One crore approx)	Procurement of 1(One) nos. of TMT and ECHO machine for AGMC & GBP Hospital, Agartala	Rs. 122.00 (Rs. One Crore twenty two lakh)	01 (One) Nos.	Rs. 122.00 (Rs.One Crore twenty two lakh)
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Procurement of 1(One) nos. of TMT and ECHO machine for AGMC & GBP Hospital, Agartala	Rs. 122.00 (Rs. One Crore twenty two lakh)	01 (One) Nos.	Rs. 122.00 (Rs.One Crore twenty two lakh)											

	Setting up of Gynaecological Minimal Access Surgery Unit at AGMC & GBP Hospital, Agartala, Tripura	Rs.1452.00 (Fourteen crore & fifty two lakh approx)	01 (One) Nos.	Rs.1452.00 (Fourteen crore & fifty two lakh approx)
	Procurement of Two advanced Dental Chair for Tripura Medical College,Hapania, Agartala	Rs. 20.00 Lakh (Twenty lakh approx)	1 (One) No.	Rs.20.00Lakh (Twenty lakh approx)
	Proposal for reducing out of pocket expenses & providing free of cost blood to all patients in the year 2021-22 & pre-transfusion advanced testing of blood donors	Rs. 0.1 Lakh (One thousand approx)	15,000 (Fifteen thousand) Nos.	Rs.150.00 (One Crore & fifty lakh approx)
	Upgradation of Laboratory Service at Atal Bihari Vajpayee Regional Cancer Centre (ABVRCC), Agartala, Tripura. Details of Machineries: 1.CHEMILUMINESSENCE IMMUNOASSAY ANALYZER (CLIA) @40 L 2.SERUM PROTEIN ELECTROPHORESIS @15 L 3.GROSSING STATION @3 L 4.CRYOSTAT @ 26 L 5.AUTOMATED IMMUNOHISTOCHEMISTRY INSTRUMENT @40 L 6.FLOWCYTOMETER @ 84 L 7.TISSUE EMBEDDING	Rs.223.60 (Two crore twenty three lakh & sixty thousand approx)	01 (One) Nos.	Rs.223.60 (Two crore twenty three lakh & sixty thousand approx)

		STATION @ 1.5 L 8. FULLY AUTOMATED COAGULATION ANALYZER @ 14.50 L			
		Procurement of 16 (sixteen) nos. of Digital X-ray with CR facilities	Rs. 25.00 Lakh (Twenty Five lakh approx)	16 (Sixteen) Nos.	Rs.400.00Lakh (Four Crore approx)
		Total: Rs. 24.68 Crore			Rs. 2467.60
		(Rupees: Twenty Four crore & Sixty Eight lakh approx)			
iii	Indicate the gender content (For gender budgeting). If women beneficiaries are covered, the % of coverage.	Out of 41 Lakh (approx) population approximately 19.80 Lakh (approx) female population will be benefitted.			
iv	List out basic Indicators for measuring achievement / Success of the Project.	Achievement / Success of the Project may be gauged from improvement of Health status of the people of the State.			
D	PHYSICAL DETAILS				
	Year-wise phasing & Time frame for completion of project.	Project will be completed by 06 months. Year-wise phasing:			
		Description of items	2021-22	Total	
		Procurement of 1(One) nos. of 5 D Ultra Sonography Machine with Artificial intelligence for IGM Hospital,Agartala.	100%	100%	
		Procurement of 1(One) nos. of TMT and ECHO machine for AGMC & GBP Hospital, Agartala	100%	100%	
		Setting up of Gynaecological Minimal Access Surgery Unit at AGMC & GBP Hospital, Agartala, Tripura.	100%	100%	
		Procurement of Two advanced Dental Chair for Tripura Medical College, Hapania, Agartala	100%	100%	
		Proposal for reducing out of pocket expenses & providing free of cost blood to all patients in the year 2021-22 & pre-transfusion advanced testing of blood donors	100%	100%	
		Upgradation of Laboratory Service at Atal Bihari Vajpayee Regional Cancer Centre (ABVRCC), Agartala, Tripura.	100%	100%	
		Procurement of Digital X-ray with CR facilities	100%	100%	

E	FINANCIAL DETAILS		
Year-wise phasing	Project will be completed by 06 months. Financial Phasing:		
	Description of items	2021-22 (Rs. in lakh)	Total (Rs. in lakh)
	Procurement of 1(One) nos. of 5 D Ultra Sonography Machine with Artificial intelligence for IGM Hospital,Agartala.	Rs.100.00	Rs.100.00
	Procurement of 1(One) nos. of TMT and ECHO machine for AGMC & GBP Hospital, Agartala	Rs. 122.00	Rs. 122.00
	Setting up of Gynaecological Minimal Access Surgery Unit at AGMC & GBP Hospital, Agartala, Tripura.	Rs.1452.00	Rs.1452.00
	Procurement of Two advanced Dental Chair for Tripura Medical College, Hapania, Agartala	Rs. 20.00	Rs. 20.00
	Proposal for reducing out of pocket expenses & providing free of cost blood to all patients in the year 2021-22 & pre-transfusion advanced testing of blood donors	Rs. 150.00	Rs.150.00
	Upgradation of Laboratory Service at Atal Bihari Vajpayee Regional Cancer Centre (ABVRCC), Agartala, Tripura.	Rs.223.60	Rs.223.60
	Procurement of Digital X-ray with CR facilities	Rs. 400.00	Rs. 400.00
	Total	Rs.2467.60	Rs.2467.60
Rs. Twenty Four crore & Sixty Eight lakh approx		Rs. 24.68 Crore	
F	Indicate if any statutory clearances including Forest and Environmental Clearances etc. are required.	Health and Family Welfare Department, Government of Tripura is proposing for Infrastructure Development through setting up of advanced diagnostic services laboratory, USG, Cardiac Care Unit, Surgery unit, Dental chair followed by blood transfusion mechanism for Strengthening of Health Care Service Delivery at Secondary and Tertiary Care facilities of Tripura.	


 (Dr. Siddharth Shiv Jaiswal, IAS)
 Mission Director: NHM,
 Government of Tripura