**ADDITIONAL FUND FOR BIOMEDICAL EQUIPMENT MANAGEMENT AND MAINTENANCE PROGRAMME, 2021-22**

The programme was launched in the state in 2016. It is implemented in Public Private Partnership mode. Memorandum of understanding was signed with HLL Infra Tech Services Ltd on 12th April 2016 for a period of 5 years. The contract period will end in June 2021.

Equipment maintenance was conceded at the rate of 14.13% of asset value with 10% escalation every year. As the number of biomedical equipment kept on rising, it became increasingly difficult for the state to keep up with the escalating burden of equipment maintenance cost. In May 2019, annual 10% escalation clause was omitted after negotiation with the service providers and at present equipment maintenance cost is calculated at 16.96% of asset value. The approved amount for FY 2020-21 was Rs. 1071.77 lakhs.

For PIP 2021-22, proposal was made from April to June 2021 at the rate of 16.96% and July 2021 to March 2022 at the estimated rate of 10% of equipment value. This 10% estimation was made based on the advice given by the ministry. The total amount proposed was **Rs. 536.62 lakhs.**

Recently on 25th Feb 2021, and after submission of PIP 2021-22, NHM Mizoram and HITES made an agreement to extend the contract for a period of another 5 years, at the rate of 12.8% of equipment value. Since this is the case, NHM Mizoram will be requiring additional fund of Rs. 95.99 lakhs for biomedical equipment maintenance for FY 2021-22. ***The total fund required for equipment maintenance at the rate of 12.8% of equipment value is Rs. 632.61 lakhs***

1. **Estimate for biomedical equipment maintenance @ 10% of equipment value**

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| --- | --- | --- |
| **S/NO** | **PARTICULARS** | **₹ IN LAKHS** |
| 1 | Total number of equipments (October 2020) | 6291 |
| 2 | Equipment value | ₹. 4570.95 |
| 3 | Annual Equipment maintenance cost @ 16.96% | ₹. 775.23 |
| 4 | Monthly Equipment maintenance cost @ 16.96% | ₹. 64.60 |
| 5 | **Equipment maintenance cost @ 16.96% for 3 months (April-June 21-22) (A)** | **₹. 193.80** |
| 6 | Annual Equipment maintenance cost @ 10% | ₹. 457.09 |
| 7 | Monthly Equipment maintenance cost @ 10% | ₹. 38.09 |
| 8 | **Equipment maintenance cost @ 10% for 9 months (July 2021-March 2022) (B)** | **₹. 342.82** |
| **TOTAL (A)+(B)** | | **₹. 536.62** |

1. **Estimate for Biomedical equipment maintenance @ 12.8% of equipment value**

|  |  |
| --- | --- |
| Total number of equipments (October 2020) | 6291 |
| Equipment value | ₹. 4570.95 |
| Annual Equipment maintenance cost @ 16.96% | ₹. 775.23 |
| Monthly Equipment maintenance cost @ 16.96% | ₹. 64.60 |
| **Equipment maintenance cost @ 16.96% for 3 months (April-June 21-22) (A)** | **₹. 193.80** |
| Annual Equipment maintenance cost @ 12.8% | ₹. 585.09 |
| Monthly Equipment maintenance cost @ 12.8% | ₹.48.75 |
| **Equipment maintenance cost @ 12.8% for 9 months (July 2021-March 2022) (B)** | **₹.438.81** |
| **TOTAL (A)+(B)** | **₹. 632.61** |