**Supplementary Table 2a: Cost Projection for State Level Scale-Up [INR (USD)]**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Sr. No.** | **Budget Head** | **Items** | **Unit Definition** | **Units** | **Unit price** | **Cost at 1st year** | **Cost at 2nd Year** | **Cost at 5th Year** | **Cost at 10th Year** |
| **State Level**  |
| A | Capital Cost |  ECG Machines  | PHC |  1,474  | 79,000 (1068.57) | 11,64,46,000 (157,3594.59)  |  -  |  -  |  -  |
|  Training  | District |  33  | 84,647 (1143.88)  | 27,93,351(377,47.99)  |  -  | 15,20,719(205,50.26) |  -  |
| **Total (A)** |  **11,92,39,351****(161,1342.58)**  |  **-**  | **15,20,719****(205,50.26)** |  **-**  |
| B | Recurrent Cost |  Maintenance and Consumables  | PHC |  1,474  |  3,950(53.38)  |  58,22,300(786,79.73) |  59,47,479(803,71.34)  |  63,39,399 (85,667.55)  |  72,02,417 (97,329.96) |
|  Expert Consultation  | Individuals |  706  | 34 (0.46) |  24,004 (324.38) |  24,520(331.35)  | 26,136 (353.19)  |  29,694 (401.27) |
|  Contingency  | District |  33  | 84,647 (1143.88) | 27,93,351 (377,47.99) |  28,53,408 (385,59.57)  | 30,41,438(41,100.51)  | 34,55,487(466,95.77)  |
|  Human Resource Cost  | District |  33  |  6,99,495 (9452.64) |  2,30,83,335 (311,936.96) |  2,35,79,627 (318,643.61)  |  2,51,33,446 (339,641.16)  | 2,85,55,007 (385,878.47)  |
|  Additional Cost at Tertiary Care (Including Diagnosis and Management  | Individuals |  642  |  6,720 (90.81) |  43,15,104(583,12.22)  |  44,07,879 (59,565.93)  |  46,98,343 (63,491.12)  |  53,37,956 (721,34.54) |
| **Total (B)** | **3,60,38,094** **(487,001.27)** |  **3,68,12,913****(497,471.80)**  |  **3,92,38,762 (530,253.54)**  |  **4,45,80,561****(602,440.01)**  |
| **Grand Total** | **15,52,77,445****(209,8343.85)** | **3,68,12,913****(497,471.80)** | **4,07,59,481 (550,803.80)**  | **4,45,80,561****(602,440.01)** |

**Supplementary Table 2b: Cost Projection for National Level Scale-Up [INR (USD)]**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Sr. No.** | **Budget Head** | **Items** | **Unit Definition** | **Units** | **Unit price** | **Cost at 1st year** | **Cost at 2nd Year** | **Cost at 5th Year** | **Cost at 10th Year** |
| **National Level (2020 Prices)** |
| A | Capital Cost |  ECG Machines  | PHC |  24,049  | 79,000(1068.57) |  1,89,98,71,000 (256,739,32.43)  |  -  |  -  |  -  |
|  Training  | District |  720  |  84,647(1143.88)  |  6,09,45,840 (823,592.43)  |  -  |  3,31,79,326 (448,369.27)  |  -  |
| **Total (A)** |  **1,96,08,16,840** (264,97524.86)  |  **-**  |  **3,31,79,326** (448,369.27)  |  **-**  |
| B | Recurrent Cost |  Maintenance and Consumables  | PHC |  24,049  |  3,950(53.38)  |  9,49,93,550 (128,3696.62)  |  9,70,35,911 (131,128.53)  |  10,34,30,257 (1,397,706.18)  |  11,75,10,812 (1,587,983.95)  |
|  Expert Consultation  | Individuals |  14,017  |  34(0.46)  |  4,76,578 (6440.24)  |  4,86,824 (6,578.70)  |  5,18,905 (7,012.23)  |  5,89,546 (7,966.84) |
|  Contingency  | District |  720  |  84,647 (1143.88) |  6,09,45,840  (823,592.43)  |  6,22,56,176 (841,299.68)  |  6,63,58,651 (896,738.53)  |  7,53,92,436 (1,018,816.70)  |
|  Human Resource Cost  | District |  720  |  6,99,495(9452.64)  |  50,36,36,400 (680,5897.30)  |  51,44,64,583 (6,952,224.09)  |  54,83,66,095 (7,410,352.64)  |  62,30,18,325 (8,419,166.55)  |
|  Additional Cost at Tertiary Care (Including Diagnosis and Management)  | Individuals |  12,755  |  6,720(90.81)  |  8,57,16,307 (115,8328.47)  |  8,75,59,208 (1,183,232.54)  |  9,33,29,069 (1,261,203.64)  |  10,60,34,492 (1,432,898.54)  |
| **Total (B)** |  **74,57,68,675**  **(100,779,55.07)**  |  **76,18,02,702 (10,294,631.11)**  |  **81,20,02,977 (10,973,013.20)** |  **92,25,45,611 (12,466,832.58)** |
| **Grand Total** | **2,70,65,85,515 (365,754,79.93)**  | **76,18,02,702 (10,294,631.11)** | **84,51,82,302 (11,421,382.46)** | **92,25,45,611 (12,466,832.58)** |