India

FOCUS_Nagaland State
Table 2.1. Value chain development

| Table 2.1. Value chain development | | | | | | | E | xpenditures b | y Financier | s (INR '000 |) |
|--|------------|-------|-----------|-------------------------|---|----------------|---------------------------------|---------------|------------------------------|------------------------------|-------------|
| Detailed Costs | Quantities | | Unit Cost | Base Cost (INR '000) | Totals Including Contingencies (INR '000) | Other Accounts | Govt (GON counter-part funding) | IFAD Loan | Parallel finance (CSS) | Parallel Finance (GON) | Beneficiary |
| | Unit | 18/19 | (INR) | 18/19 | 18/19 | Fin. Rule | 18/19 | 18/19 | 18/19 | 18/19 | 18/19 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| I. Investment Costs | | | | | | | | | | | |
| A. Crop-based | | | | | | | | | | | |
| 1. Production Support | | | | | | | | | | | |
| a. FIGs promotion /a | per FIG | 50 | 30,000 | | | | - | 1,535 | - | | - |
| b. CRP training /b | per CRP | 50 | 5,000 | | 258 | | - | 258 | - | | - |
| c. Training of FIG members /c | per FIG | 1,000 | 2,500 | | 2,575 | | - | 2,575 | - | | - |
| d. CRP Engagement | per CRP | 600 | 1,000 | 600 | 618 | LOAN (100%) | - | 618 | - | | - |
| e. Production of improved | | | | | | | | | | | |
| planting material by CRPs /d | per CRP | 50 | 70,000 | 3,500 | 3,605 | LOAN (100%) | - | 3,605 | - | | - |
| f. Supply of Planting material | | | | | | | | | | | |
| - Large Cardomum | per ha | 200 | 12,000 | 2,400 | 2,472 | LOAN (90%) | 247 | 2,225 | - | | - |
| g. Supply of Planting material | | | | | | | | | | | |
| - Naga Chilli | ha | 200 | 1,500 | | 309 | | 31 | | | | |
| h. Supply of planting material- Ginger | ha | 200 | 7,500 | | 1,545 | | 155 | | - | | - |
| Subtotal | | | | 12,550 | 12,918 | | 433 | 12,485 | - | | - |
| 2. Marketing Support | | | | | | | | | | | |
| a. Marketing infrastructure | | | | | | | | | | | |
| Aggregation centres | | | | | | | | | | | |
| common facility centres /e | centre | | | - | - | | | | | | |
| Equipment for aggregation center | set | | | - | - | | | | | | |
| Collection centres for | | | | | | | | | | | |
| storage and drying /f | centre | | | - | - | | | | | | |
| Subtotal | | | | - | - | | | | | | |
| b. Marketing support | | | | | | | | | | | |
| Design projects unspecified /g | each | - | | | | | | | | | |
| Participation in Trade fairs | | | | | | | | | | | |
| and Exhibitions | lumpsum | - | | | | | | | | | |
| Exposure visits | persons | - | | | | | | | | | |
| Buyer-seller meet | lumpsum | - | | | | | | | | | |
| Support for setting up of | | | | | | | | | | | |
| Agroprocessing units /h | lumpsum | - | | | | | | | | | |
| Digital delivery of extension | | | | 1 | | | | | | | |
| Tablets | cluster | 50 | 12,000 | 600 | 621 | LOAN (80%) | 124 | 497 | - | | - |
| Services for Digital | | | | 1 | | | | | | | |
| Delivery of extension | lumpsum | - | | ĺ | | | | | | | |
| Organic Certification | | | | ĺ | | | | | | | |
| Spices | lumpsum | - | | | | | | | | | |
| Subtotal | | _ | | 600 | 621 | | 124 | 497 | - | - | - |

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| Detailed Costs | Quantities Unit Cos | | Unit Cost | nit Cost Base Cost Contingencies Contingencies | | Other Accounts | Govt (GON | IFAD Loan | Parallel finance | Parallel | Ponoficiary |
|--|---|-------|-----------------|--|------------|---------------------------|--------------------------|-----------|------------------|----------|-------------|
| Detailed 60515 | | | Unit Cost | (INR '000) | (INR '000) | Other Accounts | counter-part funding) | IFAD Loan | (CSS) | GON | Beneficiary |
| | Unit | 18/19 | (INR) | 18/19 | 18/19 | Fin. Rule | 18/19 | 18/19 | 18/19 | 18/19 | 18/19 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| c. Establishment of marketing unit | _ | | • | | | | | | | | |
| Computer set | set | 5 | 50,000 | 250 | 259 | LOAN (80%) | 52 | 207 | _ | | _ |
| Furniture | set | 5 | 40.000 | 200 | 207 | LOAN (80%) | 41 | 166 | | | _ |
| Vehicles | set | 1 | 850,000 | 850 | 880 | LOAN (80%) | 176 | | | | _ |
| Training Staff | persons | 5 | 20,000 | 100 | 103 | LOAN (100%) | 170 | 103 | | | _ |
| Studies | | 3 | 20,000 | 100 | 103 | LOAN (100%) | | 103 | - | | _ |
| | study | | 50,000 | 50 | 50 | LOAN (4000() | - | - | | | |
| Meeting workshops | workshop | 1 | 50,000 | 50 | 52 | LOAN (100%) | 200 | 52 | - | | - |
| Subtotal | | | | 1,450 | 1,501 | | 269 | | - | | - |
| Subtotal | | | | 2,050 | 2,122 | | 394 | 1,729 | - | | - |
| 3. TA for spices cultivation | | | | | | | | | | | |
| a. TOT for spices /i | 0 | | | | | | | | | | |
| b. Consultants - Marketing & Horticulture /j | pers_days | | | | | | | | | | |
| Subtotal | | | | - | - | | - | - | - | | - |
| 4. Innovations | | | | | | | | | | | |
| Innovation Fund (Project support) | lumpsum | - | | | | | - | - | - | | - |
| Subtotal | | | | | | | | | - | | - |
| B. Livestock-based | | | | | | | | | | | |
| 1. Pig Breeding | | | | | | | | | | | |
| a. Capacity building | | | | | | | | | | | |
| Capacity Building: Training of | | | | | | | | | | | |
| farmers on breeding/ mgmt/ AH /k | farmer | 37 | 7,100 | 263 | 271 | LOAN (100%) | _ | 271 | _ | | _ |
| Capacity Building: Exposure visits- in state | farmer | 37 | 5,500 | 203 | 210 | () | _ | 210 | _ | | _ |
| . , , , | larmer | 37 | 5,500 | 204 | 210 | LOAN (100%) | - | 210 | - | | - |
| Capacity Building: | | 07 | 45.000 | | 570 | 1041/4000/ | | F70 | | | |
| Exposure visits- other states | farmer | 37 | 15,000 | 555 | 572 | LOAN (100%) | - | 572 | - | | - |
| Subtotal | | | | 1,021 | 1,052 | | - | 1,052 | - | | - |
| b. Pig breeding units | | | | | | | | | | | |
| Pig Breeding Stock (6 pigs & 1 boar) | lumpsum | 37 | | 1,295 | 1,334 | LOAN (50%), BEN (50%) | - | 667 | - | | 667 |
| Construction of pig housing /I | structure | 37 | 100,000 | 3,700 | 4,115 | LOAN (50%), BEN (50%) | 411 | 1,852 | - | | 1,852 |
| Subtotal | | | | 4,995 | 5,449 | | 411 | 2,519 | - | | 2,519 |
| c. Al unit for pigs | | | | | | | | | | | |
| Boar semen station construction | building | 4 | 300,000 | 1,200 | 1,336 | LOAN (85%) | 240 | 1,095 | - | | - |
| Processing lab, store and | | | | | | | | | | | |
| office for AI station for pigs /m | lumpsum | 4 | 2,366,670 | 9,467 | 9,766 | LOAN (90%) | 1,758 | 8,008 | - | | - |
| Al for pigs: purchase of boars | each | 20 | 25,000 | 500 | 515 | CSS (90%),GON (10%) | | - | 464 | 52 | - |
| Boar stations: operating costs | lumpsum | 4 | 1,650,000 | 6,600 | 6,799 | CSS (90%),GON (10%) | - | - | 6,119 | | - |
| Subtotal | , | | , , , , , , , , | 17,767 | 18,415 | | 1,998 | 9,103 | | | - |
| d. Piglet distribution | | | | ,. 01 | .5,110 | | .,000 | 2,100 | 5,362 | | |
| Distribution of cross-bred piglets /n | piglet | | | | | | | | | | |
| Subtotal | pigici | | | | | | | | | | |
| 2. Poultry Improvement | | | | | | | | | | | |
| a. Backyard poultry | | | | | | | | | | | |
| | naaliaa- | | | | | | | | | 1 | |
| Backyard poultry unit, chicks & equipment /o | package | | | | | | - | - | - | | - |
| 3. Mithun development - existing herds | | | 400 5 | | , | 10411/500/ \ DEN /500/ | | | | 1 | |
| Community mithun shelter/coral - materials, wood & labor | ı village | 10 | 400,000 | 4,000 | 4,123 | LOAN (50%), BEN (50%) | 371 | 1,876 | - | | 1,876 |
| Water supply to grazing areas and | | | | | | | | | | | |
| beneficiary labour | trough | 40 | 120,000 | 4,800 | 4,948 | LOAN (50%), BEN (50%) | 445 | 2,251 | - | | 2,251 |
| Fencing grazing areas - | | | | | | | | | | | |
| barbed wire, poles & labour | km | 50 | 52,500 | 2,625 | 2,706 | LOAN (50%), BEN (50%) | 244 | 1,231 | - | | 1,231 |
| Mineral block demonstration | village | 10 | 50,000 | 500 | 515 | LOAN (100%) | - | 515 | - | | - |
| Subtotal | | | , , , , , | 11,925 | 12,292 | ,, | 1,060 | 5,873 | - | | 5,358 |

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| Detailed Costs | Quant | Quantities I | | Base Cost | Totals Including Contingencies | Other Accounts | Govt (GON counter-part | IFAD Loan | Parallel finance | Parallel Finance, | Beneficiary |
|---------------------------------------|-------------|--------------|-----------|-----------------------|--------------------------------|---|------------------------|-----------------------|------------------|-------------------|----------------|
| | Quant | | Unit Cost | (INR '000) | (INR '000) | Other Accounts | funding) | II / LD LOUII | (CSS) | GON | Deficilitially |
| | Unit | 18/19 | (INR) | 18/19 | 18/19 | Fin. Rule | 18/19 | 18/19 | 18/19 | 18/19 | 18/19 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| 4. Strengthening Vet Section | | | | | - | | - | | | | |
| a. Strengthening Vet Infrastructure | | | | | | | | | | | |
| Diagnostic kits for CSF | kits | 5 | | - | _ | CSS (90%), GON (10%) | - | - | - | | - |
| 5. Animal Health services | | _ | | | | , | | | | | |
| a. pig vaccination | | | | | | | | | | | |
| Pig vaccination /p | animal | 50,000 | 42 | 2,100 | 2,163 | CSS (90%) ,GON (10%) | -0 | - | 1,947 | 216 | - |
| Mineral & vitamin supplements | village | 377 | 5,000 | | 1,942 | CSS (90%),GON (10%) | _ | _ | 1,748 | | |
| Subtotal | | | 0,000 | 3,985 | 4,105 | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | -0 | _ | 3,695 | | _ |
| b. Poultry vaccination | | | | | ., | | - | | 2,000 | | |
| Poultry vaccination | 1000 birds | 500 | 1,000 | 500 | 515 | CSS (90%),GON (10%) | -0 | _ | 464 | 52 | _ |
| Subtotal | 1000 2.1.00 | | .,000 | 4,485 | 4,620 | 000 (00,0),00.1 (10,0) | -0 | 1 | 4,158 | | _ |
| 6. Feed and Fodder demonstrations | | | | 1,100 | 1,020 | | · · · | | -1,100 | 1 .02 | |
| Feed & fodder demonstration /q | lumpsum | 350 | 45,000 | 15,750 | 16,224 | LOAN (90%) | 1,622 | 14,602 | _ | | _ |
| 7. Veterinary Field Assistant (VFA) | lampoum | 000 | 40,000 | 10,700 | 10,224 | 20/114 (30/0) | 1,022 | 14,002 | | | |
| Equipment and field materials for VFA | VFA | 74 | 20,000 | 1,480 | 1,527 | LOAN (90%) | 275 | 1,252 | _ | | _ |
| Training of VFA /r | VFA | 74 | 7,100 | | 541 | LOAN (100%) | 210 | 541 | _ | | _ |
| Subtotal | VIA | / - | 7,100 | 2,005 | 2,068 | EOAI (100%) | 275 | | _ | | _ |
| 8. Training of CAHWs /s | | | | 2,003 | 2,000 | | 213 | 1,793 | _ | | - |
| Training of CAHWs /t | noroon | 350 | 7,100 | 2,485 | 2,560 | LOAN (100%) | | 2,560 | | | |
| · · | person | 350 | 7,100 | 2,400 | 2,560 | | - | 2,360 | - | | - |
| Exposure visits | person | 350 | 4 000 | 4 400 | 4 444 | LOAN (100%) | - | 4 404 | - | | - |
| Equipment for CAHW | set | 350 | 4,000 | 1,400 3,885 | 1,444 4,004 | LOAN (90%) | 260 260 | 1,184 3,744 | - | | - |
| Subtotal | | | | 3,883 | 4,004 | | 200 | 3,744 | - | | - |
| 9. Training of farmers | | 00.000 | 440 | 40.000 | 40.704 | 1.0411/4000/ | | 40.704 | | | |
| by VFA and CAHW | persons | 30,300 | 440 | 13,332 | 13,734 | LOAN (100%) | - | 13,734 | - | | - |
| 10. Improvement to meat market chain | | 050 | 7 400 | 0.405 | 0.500 | LOAN (4000() | | 0.500 | | | |
| Training on hygienic meat handling | youth | 350 | 7,100 | | 2,560 | LOAN (100%) | - | 2,560 | - | | - |
| Equipment for demonstration shops | youth | 350 | 10,000 | 3,500 | 3,625 | LOAN (80%) | 725 | 2,900 | - | | - |
| Slaughter slab units | youth_unit | | | | 2.42 | CSS (90%) ,GON (10%) | | - | - | | - |
| Subtotal | | | | 5,985 | 6,185 | ODANE (4000() | 725 | 5,460 | - | | - |
| 11. Technical assistance /u | 0 | - | | - | - | GRANT (100%) | - | - | - | | - |
| 12. Support for other livestock | | | | | | | | | | | |
| and fish culture interventions | lumpsum | 1 | 2,000,000 | 2,000 | 2,063 | CSS (90%), GON (10%) | 371 | | 1,508 | | |
| Subtotal | | | | 83,150 | 86,106 | | 6,723 | | 12,248 | | 7,877 |
| Total Investment Costs | | | | 97,750 | 1,01,146 | | 7,549 | 72,094 | 12,248 | | 7,877 |
| II. Recurrent Costs | | | | | | | | | | | |
| A. Salaries(Marketing section) | | | | | | | | | | | |
| 1. Salaries and allowances | | | | | | | | | | | |
| (Marketing section | | | | | | | | | | | |
| a. Marketing section in | | | | | | | | | | | |
| Agricultural Marketing Board | | | | | | | | | | | |
| Manager - Market Intelligence | pers_month | | 60,000 | 360 | 368 | LOAN (90%) | 37 | 332 | - | | - |
| Manager - Market Policy & Research | pers_month | | 60,000 | 360 | 368 | LOAN (90%) | 37 | | - | | - |
| Manager - Market Linkage | pers_month | | , | | 368 | LOAN (90%) | 37 | | - | | - |
| Marketing Assistants | pers_month | 12 | 35,000 | | 430 | LOAN (90%) | 43 | | - | | - |
| Subtotal | | | | 1,500 | 1,535 | | 154 | 1,382 | - | | - |
| b. Operating costs | | | | | | | | 1 | | | 1 |
| Travel allowances | pers_month | 30 | | | 155 | LOAN (90%) | 15 | | - | | - |
| Office operating costs | year | 1 | 60,000 | | 62 | LOAN (90%) | 11 | | - | | - |
| Vehicle operating cost | year | 0.5 | 120,000 | | 62 | LOAN (90%) | 6 | | - | 1 | - |
| Subtotal | | | | 270 | 278 | | 33 | 245 | - | | - |
| Subtotal | | | | 1,770 | 1,814 | | 186 | 1,627 | - | | - |

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| Detailed Costs | Quant | ities | | Base Cost (INR '000) | Totals Including Contingencies (INR '000) | Other Accounts | Govt (GON counter-part funding) | IFAD Loan | Parallel finance (CSS) | Parallel Finance, GON | Beneficiary |
|--|-----------|-------|--------|-------------------------|---|----------------|---------------------------------------|-----------|------------------------------|-----------------------------|-------------|
| | Unit | 18/19 | (INR) | 18/19 | 18/19 | Fin. Rule | 18/19 | 18/19 | 18/19 | 18/19 | 18/19 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| B. Salaries: Livestock | | | | | | | | | | | |
| 1. Salaries and allowances | | | | | | | | | | | |
| (Livestock services) | | | | | | | | | | | |
| CAHW allowances | pers_year | 650 | 12,000 | 7,800 | 7,983 | LOAN (90%) | 798 | 7,185 | - | | - |
| VFA tranportation allowances | VFA year | 74 | 24,000 | 1,776 | 1,818 | LOAN (90%) | 182 | 1,636 | - | | - |
| Subtotal | | | | 9,576 | 9,801 | | 980 | 8,821 | - | | - |
| C. Maintenance of Collection centres | | | | | | | | | | | |
| Collection centre/Common facility centre | annual | | | | | | | | | | |
| Total Recurrent Costs | | | | 11,346 | 11,615 | | 1,166 | 10,448 | - | | - |
| Total | | | | 1,09,096 | 1,12,761 | | 8,716 | 82,542 | 12,248 | 1,377 | 7,877 |

[\]a 20 persons per FIG - 50 clusters - 4 villages - two FIGs in each village

\d cost towards setting up nurseries and supply of seedlings to farmers

\e One centre per cluster of 4 villages; cost includes the cost design and construction supervision

\f min 10,000 sq feet area; one centre for every 2 clusters

\g Including design, training and market linkage

\h private sector participation

\i Details and costs included under TA to FAO in Component 3.1

\j Costs included under TA to FAO under Component 3.1

\k 5 days training + refresher. Including training material, trainers resource persons etc.

\l cost-sharing basis

\m Includes regrigerator with solar unit,

maintenance costs, AI equipment for Boar station etc

\n one piglet per household

\o 20 birds per backyard unit; cost inclusive of materials etc

\p for foot&mouth diseases, classical, swine fever, deworming etc

\q Including demo on preparing improved feed

from banana stems, equipment, azolla tanks, etc

\r 5 days x 2

\s 50% of CAHW should be women

\t 5 days x 2

\u Costs included under TA for FAO in Component 3.1

[\]b 2 days training to each CRP

[\]c 3 sesssions per FIG