

## SUBPROJECT COMPLETION REPORT

OF

## CORON WATERSHED SUBPROJECT

Loan Agreement No. PH-P135  
Forestry Sector Project

### **I. Subproject Description**

The Coron Watershed Subproject is located in the Island of Busuanga, Province of Palawan. It covers about 2,250 hectares of watershed land within Barangays Guadalupe, San Nicolas, Borac, and six hectares within the Municipality of Coron. It lies between 120°11'21. 5" to 120°15'39" longitude and 12°01'39" to 12°04'47" latitude. Unclassified forests bound it on the north; on the east by alienable and disposable (A&D) lands; on the south by Coron Poblacion; and on the west by the Yulo King Ranch extending up to the northwest portion of the subproject site.



Any form of land transportation can reach the area, which is visible as one passes through the municipal road leading to Brgy. Borac.

The watershed plays an important role in the economic and sustainable development of Busuanga Island. It supplies water not only to irrigate downstream agricultural lands but also to provide the domestic and industrial requirements of the municipality.

#### 1. Purpose / Objectives

##### A. Original (at the time of appraisal)

##### A.1 Primary Objective

To rehabilitate, protect and develop the area using the community-based approach to improve water quality and yield for domestic, agricultural, industrial and commercial purposes.

**A.2 Specific Objectives:**

1. To organize, capacitate and mobilize the local communities in the rehabilitation, development and sustainable management of the watershed resources;
2. To establish 843.0 hectares of forest plantations using biophysically adaptable and socio-culturally acceptable species;
3. To establish 462.0 hectares of agro forestry plantations as long-term source of community income;
4. To improve the quality of the existing brush woods/ second-growth forests by enriching them with rattan;
5. To enhance the productivity and environmental quality of riverbanks and other critically located sites by planting Bamboo; and
6. To provide sustainable livelihood activities to community participants.

**B. Modification**

**a. Modified target areas**

There were modifications on areas of every component as shown on the table below.

| Component     | Original Target | Modification |
|---------------|-----------------|--------------|
| Reforestation | 843.00          | 790.50       |
| Agroforestry  | 462.00          | 97.40        |
| Rattan        | 260.00          | 1,085.47     |
| Bamboo        | 550.00          | 142.65       |

**b. Reasons for the modification**

(With detailed explanation of the discrepancy between the original and modified basic plans, where applicable)

The total target, based on the approved Work and Financial Plan, was fully accomplished for the first two years of

project implementation. However, the Monitoring and Evaluation (M&E) that was conducted revealed that the overall survival rate of the plantation was way below the required standard set by the DENR and this was due to the unsuitability of the species planted. Hence, some of the areas reserved for reforestation, agro forestry and bamboo were converted to rattan.

## 2. Subproject Scope and Dimension

### A. Comparison of Original and Actual Scope & Dimensions

a.1 Please check : there has been (  revision and/or modification or  no revision and/or modification ) of the Subproject scope and dimensions.

a.2 If " revision and/or modification", please complete the table.

| ITEM                              | Original Scope and Dimensions (at the time Of Appraisal/Planned)  | Revised/Modified (Actual)   |
|-----------------------------------|---|---|
| Reforestation/<br>Watershed/ CBFM |   |   |
| A. SMP                            | September 13, 1995 -<br>December 13, 1995<br>(2,000 hectares)   | September 13, 1995 -<br>March 2, 1996<br>(2,000 hectares)   |
| B. CO                             | October 10, 1997 -<br>October 10, 1999<br>(2,115 hectares)  | October 10, 1997 - April<br>10, 2000<br>(2,115 hectare)   |
| Year 1                            | a. Preparatory activities<br>- leveling off<br>- NGO mobilization<br>b. IEC<br>c. PO formation<br>d. Assistance/supervision<br>on CSD<br>e. Organizational building,<br>strengthening &<br>capability enhancement<br>f. Assistance on linkages<br>g. Assistance on livelihood | a. Preparatory activities<br>- leveling off<br>- NGO mobilization<br>b. IEC<br>c. PO formation<br>d. Assistance/supervision<br>on CSD<br>e. Organizational building,<br>strengthening &<br>capability enhancement<br>f. Assistance on linkages<br>g. Assistance on livelihood |

|   |   |  |
|---|---|--|
| <p>Year 2</p> <p>C. CSD</p> <p>1. SOIL EROSION CONTROL /SWC</p> <p>a. Infrastructure<br/>b. Trail &amp; footpath<br/>c. Plantation<br/>- Kakawate<br/>- Banana</p> <p>2. VEGETATIVE MEASURES</p> <p>a. Agro forestry<br/>b. Assisted Natural Regeneration<br/>c. Enrichment Planting<br/>d. Tree Plantation</p> | <p>project identification/ implementation</p> <p>h. Process doc/Progress report</p> <p>i. Preparation of QCP</p> <p>a. Pre-implementation activities</p> <p>b. IEC</p> <p>c. Assistance/supervision on CSD</p> <p>e. Organizational building, strengthening &amp; capability enhancement</p> <p>f. Assistance on linkages</p> <p>g. Assistance on livelihood project identification/ implementation</p> <p>h. Process doc/Progress report</p> <p>i. Preparation of QCP</p> <p>j. Phase-in/Phase out/Turn over of CO project</p> <p>k. Terminal report</p> <p>December 10, 1997 - December 15, 2000</p> <p>783,000 cuttings<br/>195,750 suckers</p> <p>462 ha.</p> | <p>project identification/ implementation</p> <p>h. Process doc/Progress report</p> <p>i. Preparation of QCP</p> <p>a. Pre-implementation activities</p> <p>b. IEC</p> <p>c. Assistance/supervision on CSD</p> <p>e. Organizational building, strengthening &amp; capability enhancement</p> <p>f. Assistance on linkages</p> <p>g. Assistance on livelihood project identification/ implementation</p> <p>h. Process doc/Progress report</p> <p>i. Preparation of QCP</p> <p>j. Phase-in/Phase out/Turn over of CO project</p> <p>k. Terminal report</p> <p>December 10, 1997 - June 30, 2003</p> <p>697,239 cutting<br/>46,658 suckers</p> <p>97.4 ha.</p> |
|---|---|--|

|   |                  |                                   |
|---|------------------|-----------------------------------|
| d.1. Bamboo                             | 550 ha.          | 142.65 ha.                        |
| d.2. Rattan                             | 260 ha.          | 1,085.47ha.                       |
| d.3. Mangrove                           |                  |                                   |
| d.4. Plantation Sp.                     | 843 ha.          | 790.50 ha.                        |
| e. Timber Stand Improvement             |                  |                                   |
| f. Acqua Silvapasture                   |                  |                                   |
| <b>T o t a l</b>                        | <b>2,115 ha.</b> | <b>2,116.02 ha.</b>               |
| <b>3. INVENTORY OF RESIDUAL FOREST</b>  |                  |                                   |
| <b>4. INCOME ENHANCEMENT PROJECT</b>    |                  |                                   |
| <b>5. Infrastructure</b>                |                  |                                   |
| - Bunkhouse                             | 2 units          | 2 units                           |
| - Nursery sheds                         | 3 units          | 2 unit                            |
| - Look-out tower                        | 9 units          | 7 units                           |
| - Office building                       | 1 units          | 1 unit                            |
| - Graded Trail                          | 10 km            | 10 km                             |
| - Footpath                              | 20 km            | 20 km                             |
| <b>D. INFRASTRUCTURE COMPONENT</b>      |                  | December 11, 2002 - July 31, 2003 |
| - Rehabilitation of Farm to Market road |                  | 3 km                              |
| - Small Water Impounding                |                  | 1 unit                            |
| <b>E. MONITORING &amp; EVALUATION</b>   |                  |                                   |
| Year 1                                  | ICM (1,000 ha.)  | 1,000 ha. Physical                |
| Year 2                                  |                  | 2,115 ha. Physical                |
| Year 3                                  |                  | 2,115 ha Physical & Institutional |

|   |  |  |
|---|--|--|
| <p>2. SUSIMO<br/>Equipment provided<br/>to the office</p> |  | <p>Physical Validation:</p> <ul style="list-style-type: none"> <li>• Verification of boundaries, monument &amp; block corner post</li> <li>• Seedling production inventory &amp; analysis</li> <li>• Survival counting (20% systematic sampling)</li> <li>• Height &amp; diameter measurement &amp; assessment of overall health/and appearance</li> <li>• Inspection of physical infrastructure</li> </ul> <p>Institutional &amp; Project Benefit Assessment:</p> <ul style="list-style-type: none"> <li>• Assess the organizational, financial, &amp; management capability of the PO.</li> <li>• Assess the capability of the PO to sustain the rehabilitation &amp; forest protection work.</li> <li>• Assess the financial viability of the PO &amp; its capability to sustain it livelihood initiatives.</li> <li>• Identify immediate &amp; potential socio-economic benefits of the project to PO members in the community.</li> <li>• Identify verifiable evidences that would indicate the future environmental impacts of the project.</li> </ul> <p>1 unit KIA Crosstrack<br/>3 units Motorcycle<br/>1 set Personal Computer</p> |
|---|--|--|

|   |  |  |
|---|--|--|
| <p>Research conducted</p> <p>Trainings attended</p> |  | <p>2 units Radio Transreceiver</p> <p>2 units Forester Transit</p> <p>2 pcs Diameter Tape</p> <p>1 pc Planimeter</p> <p>1 unit UPS Gastronomic Compact</p> <p>2 pcs Steel Tape</p> <p>1 unit Generator</p> <p>1 unit GPS</p> <p>1 unit Torch</p> <p>1 unit Rain Gauge</p> <p>3 units Binoculars</p> <p>1 pc. Lettering set</p> <p>3 units Abney Hand Level</p> <p>1 unit GIS Maptitude</p> <p>1 unit Typewriter</p> <p>4 pcs. Brunton Compass</p> <p>None</p> <ul style="list-style-type: none"> <li>• Orientation Course for SUSIMO</li> <li>• FSP Re-orientation course for SUSIMO &amp; other Project Implementers</li> <li>• FSP Phase-Out/Phase-In Planning Workshop</li> <li>• FSP Assessment and Planning Workshop</li> <li>• Training on the use of GIS &amp; GPS</li> <li>• Re-orientation Course of DAO 2000-65</li> </ul> <p>Subproject Site Management Office with 100 sq.m. floor area semi-concrete.</p> <p>Manned by 8 SUSIMO Staff</p> |
|---|--|--|

- 1 Please refer to Table 1 page 36 for the details on trainings attended by the POs
- 2 Table 2 page 37 details the subproject performance in terms of area planted
- 3 Table 3 page 38 shows the details of the equipment provided to the SUSIMO
- 4 Please refer to Table 4 page 39 for the trainings attended by the SUSIMO staff

## Reasons for Revision/Modification of scope and Dimensions

### B.1 Where there has been "revision/modification" of the Subproject scope and dimensions.

Please choose the reason (s) from the following list and check.

- Revisions of the superior plan ( e.g sector development plan, etc.)
- Revision of the supply-and-demand estimate
- Large fluctuation in the Subproject cost
- Substantial revision of design due to the unforeseeable physical condition at the time of the original design ( e.g poor soil condition, etc.)
- Natural disaster / unseasonable weather
- Unusual circumstances beyond the control of the Executing Agency
- Structural and organizational problems of the agencies concerned (e.g lack of staff, inadequate coordination with other agencies, etc.)
- Availability of funds ( e.g. lack of funds, use of contingency, fluctuation of the exchange rate, etc. )
- Unrealistic initial plan / Technical problems
- Procurments problems
- Performance of contractor/supplier
- Performance of consultant
- Change in construction period
- Others

### b.2. Detailed statement of reasons ( with background )

- Unrealistic initial plan / Technical problems

#### CSD

The Comprehensive Site Development of Coron Watershed Subproject had been implemented based on the design provided in the appraisal report. However, the Monitoring and Evaluation (M&E) conducted by the Sunbytes and Western Sea Planters Association showed the over-all percentage of survival rate of the 1998 and 1999 plantation to be merely 32.52% and 41.75%, respectively. The reason cited for these poor performance was



the unsuitability of the species planted. The PO, CWBAAMSC, with the assistance of the SUSIMO requested the Regional Office for a change in species. After thorough evaluation the request was granted hence, some areas allotted for reforestation, agroforestry and bamboo were converted to rattan plantation.

- Structural and organizational problems of the agencies concerned  
(e.g lack of staff)

#### SUSIMO

Lack of DENR personnel assigned at the Subproject site was one of the reasons why most CSD targets were not accomplished as scheduled. Likewise, some concerns and issues needing immediate attention at the Subproject were also not attended to on time. Hence, in order to address this problem, the DENR and the JBIC during the project extension, agreed to establishment of a Subproject Site Management Office (SUSIMO) in each project location.

- *Others (Policy changes)*  
On Monitoring and Evaluation

The Monitoring and Evaluation tool for the CSD activities at the early stage of project implementation was the Inspection Chart Mapping (ICM), which provided for 100% counting of seedlings planted. This was replaced when Memorandum Circular No. 99-17 was issued and which was further revised and amended by MC No. 2001-04, entitled "Guidelines on the Conduct of Monitoring and Evaluation on the Forestry Sector Project."

#### Infrastructure

In CY 2000, an intensive review and assessment of the status of each subproject was conducted. As part of the report the inclusion of the Infrastructure Support Project in the FSP II was recommended. For this project 4.99 kilometer-farm-to-market road was rehabilitated which provided farmers particularly the members of the KIDAREPAI ease and mobility in transporting their products to the place of commerce.

#### c. Contribution of Subproject to Relevant ( Sub ) Sector (s)

c.1. ( Sub) Sector (s) to which the Subproject belongs

- |   |   |  |
|---|---|--|
| <input type="checkbox"/> Electric power and Gas | <input type="checkbox"/> Telecommunication          | <input type="checkbox"/> Social Services         |
| <input type="checkbox"/> (Multipurpose) Dams    | <input type="checkbox"/> Telecommunications         | <input checked="" type="checkbox"/> Water supply |
| <input type="checkbox"/> Power Plants           | <input type="checkbox"/> Broadcasting               | <input type="checkbox"/> Sewerage                |
| <input type="checkbox"/> Transmission lines     |   | <input type="checkbox"/> Education               |
| <input type="checkbox"/> Distribution Systems   | <input type="checkbox"/> Irrigation & Flood control | <input type="checkbox"/> Health                  |
| <input type="checkbox"/> Gas                    | <input type="checkbox"/> Irrigation                 | <input type="checkbox"/> Tourism                 |
| <input type="checkbox"/> Others                 | <input type="checkbox"/> Flood control              | <input type="checkbox"/> Others                  |
- 
- |  |  |
|--|--|
| <input type="checkbox"/> Transportation        | <input type="checkbox"/> Agriculture, Forestry and Fisheries |
| <input checked="" type="checkbox"/> Roads      | <input checked="" type="checkbox"/> Agriculture and Forestry |
| <input type="checkbox"/> Bridges               | <input type="checkbox"/> Fisheries                           |
| <input type="checkbox"/> Railways              |  |
| <input type="checkbox"/> Airport               | <input type="checkbox"/> Mining and Manufacturing            |
| <input type="checkbox"/> Ports                 | <input type="checkbox"/> Mining                              |
| <input type="checkbox"/> Marine Transportation | <input type="checkbox"/> Manufacturing                       |
| <input type="checkbox"/> Others                |  |

c.2 Original ( at the time appraisal / Planned )

| Item  | Description   |
|---|---|
| 1. Socio-institutional Development and Community Organization | Before awarding the Comprehensive Site Development (CSD) to the PO, the members and leaders will be socially and technically prepared through Community Organizing (CO). CO will focus on the social, economic and technical needs of the residents to prepare them for long-term management of the Subproject.   |
| 2. Project Site Development                                   | <p>An aggregate area of 2,115 hectares will be allocated for biophysical development; around 843 ha. will be developed into forest plantations, 462 ha. for agro forestry, 260 ha. for rattan and 550 ha. for bamboo plantation.</p> <p>Through the Subproject, increase in water yield for irrigating agricultural farms in downstream barangays and improvement of water quality &amp; quantity for industrial and domestic consumption will be realized.</p> |

|                          |  |
|--------------------------|--|
| 3. Employment Generation | The initial four years of implementation of CSD activities will be translated to direct employment of the participating households to about 233,907 man-days per year equivalent to about 935 jobs per year. This will provide additional income to participating communities. |
|--------------------------|--|

c.3 Present situation and outlook for the future

| Item   | Description  |
|--|--|
| 1. The Community and the Community-Based Forest Management Agreement (CBFMA) | <p>The Coron Watershed Beneficiaries Association, Inc." (CWBA) was organized at the start of the project by CO VALUES, Inc., a non-government organization. All trainings (social, technical and institutional) were conducted to equip the members of the PO with the proper knowledge necessary for the long-term management of the project. During the early stage of the project, the members of the PO had no real concern for the project. Most of the PO members were just after the monetary support from the project. However, with the issuance of the CBFMA, the outlook of the PO towards the project changed. The PO, CWBA, now maintains and protects the plantation to safeguard it against all forms of destruction. The CBFMA was awarded on December 8, 2000.</p> <p>The PO with the assistance of the DENR has started preparing the requirements needed in securing the Resource Use Permit (RUP) for minor forest products such as buho and naturally growing rattan for livelihood of the PO-CWBA members.</p> |
| 2. Livelihood/ Employment  | The cooperative, CWBAAMSC has engaged in two (2) livelihood businesses out of their savings from the CSD activities namely: consumer store and a passenger jeepney. However, both endeavors were suspended for   |

|  |  |
|--|--|
| <p>3. Biophysical development</p>  | <p>a while: the consumer store, due to mismanagement while the passenger jeepney had a mechanical problem. Nevertheless, the new set of officers had planned to restart the consumer store and set aside some amount for the repair of the passenger jeepney.</p> <p>The implementation of CSD activities employed a minimum manpower of 142 persons. Income derived from the CSD operation still help augment household commodity needs and supports the education of their children.</p> <p>Cashew plantation will provide long-term livelihood income to PO members in the future; they only have to continuously maintain and protect the developed areas.</p> <p>The PO developed a total of 2,116.03 ha. of which 790.50 hectares are reforestation, 97.40 hectares, agro-forestry, 1,085.47 hectares, rattan and 142.66 hectares, Bamboo (Buho &amp; Kawayan tinik).</p> <p>These plantations now provide cover to the previously denuded/grassland areas. Surface runoff is now minimized as well as accelerated soil erosion. Likewise, forest and agro-forestry plantations are seen to enhance water quality and yield for irrigation as well as for domestic and industrial use.</p> <p>The cashew plantations will provide abundant harvest for nuts production. Rattan plantations may be harvested after 10 to 15 years. Proceeds derive out from CSD activities may be used to further strengthen the PO's livelihood and economic activities and in reinvesting in forest management of the CBFMA area.</p> |
| <p>4. Infrastructure Development<br/>* Rehabilitation of Farm to Market Road</p> | <p>The rehabilitated farm-to-market road has a total length of three kilometers with two segments, 1.4 km at Mabentangen in Brgy. VI and 1.6 at Sitio Buang in San Nicolas, Coron,</p>   |

|                                 |   |
|---------------------------------|---|
| <p>* Small water impounding</p> | <p>Palawan. The infrastructure component provide convenience in terms of mobility of people particularly during maintenance and protection activities of the plantation. Likewise, transporting their farm products is no longer a problem.</p> <p>Its importance would be appreciated all the more when the PO starts harvesting their plantation, such as Rattan, Buho and Cashew.</p> <p>It would also enhance/facilitate eco-tourism within the site by providing easy access for tourists to reach the project site.</p> <p>Small water impounding was constructed in Sitio Madlungon in Bgy. San Nicolas, which is 5.955 km from the PO office. It has three distribution tanks, with tank #1 located near the impounding structure; tank # 3 beside the CWBA office near the barangay proper and tank # 2 situated at the grassland portion of the plantation.</p> <p>The primary purpose of the infra, is to provide proper irrigation to the plantation and to sustain supply of water provide water for the nursery operations. In the same manner it can also be used in fire fighting operation in case of grassfire.</p> <p>The small water impounding could also supply the domestic water requirements of the PO and nearby community/barangay. The availability of water has greatly enhanced the productivity of the farmlands hence, greater income for the PO.</p> |
|---------------------------------|---|

## II. Project Implementation

### 1. Organizations for Implementing Subproject

| Function in the Subproject Implementation   | Name of Organization   |   | Reasons for Change   |
|---|--|---|--|
|   | ( 1 ) Original   | (2) Changed                                       |  |
| 1. SMP Contractor   | Western Sea Planters Association Inc.  |   |  |
| 2. AO for CO  | VALUES, Inc.   |   |  |
| 3. Assisting Professional   | Alejandro Pongyan  |   |  |
| 4. P.O.   | Coron Watershed Beneficiaries Ass'n. Inc.  | CWBA- Agroforestry Marketing Services Cooperative | The same PO only that the Association has matured into a Cooperative |
| 5. M & E Contractor<br>Year 1 ( 1 <sup>st</sup> Pass )<br>- 1998 Plantation<br>(Physical & Institutional) | <ul style="list-style-type: none"> <li>• Sunbytes Foundation for Countryside Dev't. Inc.)</li> </ul> |   |  |
| - 1999 Plantation<br>(Physical)   | <ul style="list-style-type: none"> <li>• Western Sea Planter Planters Ass'n. Inc.</li> </ul>         |   |  |
| Year 2 (2 <sup>nd</sup> Pass)<br>(Physical)   | <ul style="list-style-type: none"> <li>• Tamaraw Forest Dev't. Foundation, Inc.</li> </ul>           |   |  |
| Year 3 (3 <sup>rd</sup> Pass)<br>(Physical & Institutional)   | <ul style="list-style-type: none"> <li>• Tamaraw Forest Dev't. Foundation Inc.</li> </ul>            |   |  |

|                              |                           |  |  |
|------------------------------|---------------------------|--|--|
| 6. Infrastructure contractor | Orani Builders and Supply |  |  |
|------------------------------|---------------------------|--|--|

Please state:

1.1 Reasons for the Change

No changes.

1.2 Problem arising, counter measures adopted and results.

| PROBLEM   | MEASURE ADOPTED   | RESULT  |
|---|---|---|
| <p>CO/AO Contractor</p> <ul style="list-style-type: none"> <li>- No legitimate CO worker that focused on the community organizing activities. Field staff focused on CSD.</li> <li>- PO members were hesitant to do CSD work since payment for labor rendered was not given in full most of the time and salaries were also delayed.</li> <li>- Lack of available planting materials.</li> <li>- Frequent occurrence of grassfires in the plantation caused by</li> </ul> | <ul style="list-style-type: none"> <li>- The AO contractor was advised to deploy a competent CO worker.</li> <li>- DENR personnel for the appointee until such time that AO had deployed the CO worker.</li> <li>- Constant dialogue community with was conducted.</li> <li>- Establishment of budgeting system, prioritizing the payment of salaries for the laborers.</li> <li>- Coordinated and sought the assistance of PENRO Palawan on the matter.</li> <li>- Requested PNP for some assistance.</li> </ul> | <ul style="list-style-type: none"> <li>-The concerned staff performed the assigned tasks. Close coordination with the community members in the form of meetings, dialogues yielded posture results as what can be gleaned from the increase in the number of members who later joined the organization.</li> <li>- PO members were encouraged to work and undertake CSD activities.</li> <li>- Needed planting materials were delivered to the project site.</li> </ul> |

|  |   |   |
|--|---|---|
| criminal elements.   | <ul style="list-style-type: none"> <li>- PO was advised to intensify protection efforts especially in fire prone areas.</li> <li>- Enhanced firefighting skills of Pos through training.</li> </ul> | <ul style="list-style-type: none"> <li>- Regular monitoring/patrolling eliminated occurrence of fires even during summer period.</li> </ul> |
| - None-performance of SUSIMO staff to support PO activities.         | - DENR Secretary issued corresponding Special Order replacing some of the SUSIMO staff.   | -Better Coordination between DENR and PO.   |
| - Prepared SUSIMO office to be constructed outside the project site. | -Justification why the SUSIMO office has to be constructed outside the project site was submitted to the region and NFDO for approval.  | -SUSIMO office constructed and buy used by the project staff.   |

1.3 The latest organization chart (or equivalent) for the implementation of the Subproject is ( attached or  not available)

The Organizational Charts are attached as annex :

SMP and M&E Contractor - Western Sea -a1  
CO Contractor - VALUES, Inc. -1b  
PO Contractor - CWBA-AMSC -1c  
M&E(Physical Institutional) - Sunbytes -1d.1  
M&E Contractor - Western Sea -1d.2  
M&E Physical - Tamaraw Forest -1d.3  
SUSIMO -1e  
Infrastructure - ORANI Builders - 1f

1.4 If the Organization chart ( equivalent) is not available, please state the reason.

## 2. Implementation Period

### A. Comparison of Original Schedule and Actual Period



Please fill the following blanks with actual period for each item.

| ITEM                                    | ORIGINAL SCHEDULE<br>(per contract)     | ACTUAL PERIOD                       |
|---|---|-------------------------------------|
| 1. Contract of NGO for SMP              | September 13, 1995 to December 13, 1995 | September 13, 1995 to March 2, 1996 |
| 2. Contract of AO for CO                | October 10, 1997 to October 10, 1999    | October 10, 1997 to April 9, 2000   |
| 3. Contract of PO for CSD               | December 10, 1997 to December 15, 2000  | December 10, 1997 to June 30, 2003  |
| 4. Contract of NGO for M & E            | December 29, 1999 to March 27, 2003     | December 29, 1999 to April 29, 2003 |
| 5. Contract of Infrastructure Component | December 11, 2002 to July 29, 2002      | December 11, 2002 to July 31, 2003  |
| ⊙ Completion (completion of subproject) | December 2000                           | June 2003                           |

Notes : Completion of the Subproject was defined as (  completion ceremony or  final disbursement or  other than above (by contract expiry date/or beyond the specified date).

The completion date was scheduled for December 15, 2000 ( at the time of appraisal ) and is indicated by ⊙ in the above table.

#### B. Reasons for Delay or Early Completion

b.1 In case of delay or early completion, please choose the reason(s) from the following list and check.

- Change in scope / dimensions
- Natural disaster / Unseasonable weather ( e.g earthquake, typhoon, etc.)
- Shortage of funds/ Fluctuation of the exchange rate
- Problems in procurement
- Inflation

- Unusual circumstances beyond the control of the Executing Agency
- Structural & organizational problems of the agencies concerned (e.g lack of staff, inadequate coordination with other agencies, etc.)
- Legislative matters
- Unrealistic initial plan/Technical problems
- Performance of contractor / supplier
- Performance of consultant
- Others

## b.2 Reasons and background for delay or early completion

- Natural disaster / Unseasonable weather ( e.g excessive heavy rains)

### SMP

The successive occurrences of Typhoons Mameng, Pepang, and Rosing hindered the continuous execution of actual field survey of the project site hence, SMP completion was delayed.

- Performance of contractor / supplier

### CO

The lack of CO personnel deployed in the site was the main reason for the delay in the conduct of needed trainings to capacitate the PO in undertaking the CSD activities.

### PO

The negative outlook of most community members towards the project was the main reason for the delay in the implementation and completion of the CSD.

- Others

### M & E

The request of Tamaraw Forest Development Foundation for revalidation to include their replanting accomplishment for the months of July and August 2002 delayed the completion of the M & E contract.

### C. Remedial Action Taken in Each Case of Delay

1. Survey Mapping Planning - Adverse weather conditions hampered field work so that contract was extended to give the contractor ample time to finish field activities.
2. Community Organizing - The request of the contractor for extension was granted after submission of a commitment plan.
3. Monitoring and Evaluation - Considering the PO's request for a revalidation to include their accomplishment in replanting, the DENR had to convince the M&E contractor for a revalidation of areas that had been replanted by the PO. Hence the contract was extended for another 30 days and 20 days for both physical and institutional, respectively.
4. CSD - The CO Contractor-SUSIMO combined staff intensified IEC efforts geared at convincing PO members as well as non members to participate in CSD activities.

### 3. Subproject Cost

#### A. Comparison of Original Estimated Cost and Actual Expenditure ( by Component)

| Item                           | Original Cost<br>(based on appraisal)<br>(in M Pesos) | Actual Expenditure<br>(in M Pesos) |
|--------------------------------|---|------------------------------------|
| Survey, Mapping & Planning     | 1.290000  | 1.290000                           |
| Community Organizing           | 3.807000  | 3.741620                           |
| Comprehensive Site Development | 25.534182   | 25.310384                          |
| Monitoring & Evaluation        | 3.962837  | 3.962837                           |
| Infrastructure Dev't.          | 14.701165   | 15.301454                          |
| Subproject Coordinating Office | 3.713690  | 3.713690                           |
| <b>T o t a l</b>               | <b>53.008874</b>                                      | <b>53.319985</b>                   |

B. Reasons for Difference between Original Estimated Cost and Actual Expenditure

b.1. If there is any difference between table a.1 and Table a.2 in Paragraph please choose the reason (s) from the following check.

- Increase in reconstruction cost arising from natural disaster / unreasonable weather ( e.g. earthquake, typhoon, etc.)
- Increase or decrease arising from inflation
- Increase or decrease arising from a change in construction period
- Increase or decrease arising from fluctuation in the exchange rate
- Increase or decrease arising from a change in the scope/work volume of the Subproject
- Decrease arising from keen competition in tender
- Unusual circumstances beyond the control of the Executing Agency
- Unrealistic cost estimates/ Technical problems
- Others

b.2. Description of the detailed reason (s) and background

The PO was not able to accomplish the target for maintenance and protection activities such as: ring weeding and fertilization, etc. in 2002, hence, a difference (undisbursed) of P 223,798.00 under CSD.

VALUES, INC., the CO contractor, likewise was unable to give the necessary assistance in the CBFMA issuance for the PO despite the extension given to the contractor, hence a difference (undisbursed) of P65,380.000 under Community Organizing.

C. Action taken in Case of Cost Overrun and Results

Regarding cost overrun in the Infrastructure, additional obligation was made and the corresponding revision of the Work and Financial Plan and amendment and/or issuance of supplemental contract were undertaken. All obligations of the contractors had been settled.

D. Comparison of Original Estimated Expenditure and Actual Expenditure (by year )

| Calendar Year    | Original Cost<br>(based on appraisal)<br>(in M pesos) | Actual Expenditures<br>(in M pesos) |
|------------------|---|-------------------------------------|
| 1995             | 1.290000  | 0.505066                            |
| 1996             | -   | 0.784934                            |
| 1997             | 13.464450   | 0.451760                            |
| 1998             | 10.672583   | 8.016694                            |
| 1999             | 4.410658  | 5.007710                            |
| 2000             | 1.838491  | 9.208935                            |
| 2001             | 2.505687  | 6.076488                            |
| 2002             | 16.785110   | 5.752573                            |
| 2003             | 2.041895  | 17.515825                           |
| <b>T o t a l</b> | <b>53.008874</b>                                      | <b>53.319985</b>                    |

4. Comments on Performance of Assisting Organizations (AOs), Assisting Professionals (APs) Peoples Organizations (POs), M&E and Infrastructure contractors,

Please describe the performance of each organization after checking the items(s) in the relevant list on which you have any comment.

A. Performance of Assisting Organization & Assisting Professionals (if any ) Peoples Organizations, M & E, and Infrstructure contractors

- a.1.  Overall performance       Design  
 Contract administration       Construction supervision  
 Expertise       Staff qualifications  
 Coordinating ability       Compliance with Contracts  
 Performance related to any other that the Subproject scope, if any  
 Others

a.2. Description (in detail)

Overall Performance

- Assisting Organization (AO) - The AO was able to accomplish all the activities stipulated in the WFP, but failed to inculcate in the minds of the PO members the real objectives of the Subproject. They were not able to impart the message regarding the economic upliftment objective of the community. Most of the PO members had no real commitment/concern for the Subproject since they were only after the financial gains from the project. They had a hard time convincing the PO to work voluntarily. Hence, the over all performance of the AO was poor.
- People's Organization (PO) - The PO's overall performance can be rated as fair considering the visible improvement made on the previously denuded area although the quality and survival rate of plantation was very low. The PO did not follow the proper procedures in plantation establishment and most of them did not observe correct work schedules especially in the absence of the DENR/SUSIMO to supervise the CSD operation.
- Assisting Professional (AP) - On the whole, the AP's over-all performance was satisfactory considering the effort that he extended to the PO and SUSIMO in the attainment of Subproject Milestone except livelihood implementation, which failed to materialize due to financial constraints. He was good in documentation/paper works, particularly, in the preparation of policies of the CWBAAMSC for concurrence and approval of the Board/General Assembly, and likewise in the preparation of training design and project proposal.
- Monitoring & Evaluation - Sunbytes Foundation, Western Sea Planters Association, Inc. and, Tamaraw Forest Development Foundation, Inc., contracted by the DENR to conduct Monitoring and Evaluation in Coron Watershed Subproject rendered satisfactory performance. They had complied with the terms and conditions stipulated in the contract and gave the information needed by the DENR regarding the status of the Subproject.
- Infrastructure Development - The overall performance of Orani Builders and Supply in the rehabilitation of farm-to-market road and construction of small water impounding system in Coron Watershed Subproject was satisfactory since they were able to accomplish the output within the scope of the contract despite problems encountered during the implementation phase.

Coordinating ability

- The AP exhibited good coordinating ability with various local partners of the CBFM project. Linkage with different institutions and organizations namely the LGU, MPDC and the PO-federation of CBFMA holders in Palawan was successfully undertaken for the benefit of CWBAAMSC.

Others

VALUES, Inc. had no CO worker proficient in community organizing activities. Staff focused more in assisting the PO in implementing CSD activities. They had subcontracted other CSD activities of the PO such as relocation survey; particularly Perimeter Survey (P277,065.00) and Sectioning/Blocking(P264,375.00) with the total amount of P541,440.00.

Another unfortunate incident happened when the contracted AO deserted the project and left just one staff to fend for himself for eight straight months. Without any monetary allowance for his daily subsistence, the lone staff had to turn to the community for some assistance thus creating a negative impression as far as the AO was concerned.

5. Other matters relating to Subproject Implementation

Please choose the item(s) from the following list which you have any comments, check it (them), and describe it (them) with measure and results in (B ) below.

- A.  Technical  Financial  Institutional  Economic  
 Social / Distributional  Others

B. description ( in detail)

| PROBLEMS   | MEASURES   | RESULTS  |
|--|--|--|
| <ul style="list-style-type: none"> <li>• Technical</li> <li>- PO lack of knowledge in plantation establishment.</li> </ul> | <ul style="list-style-type: none"> <li>- On the job training conducted by the SUSIMO and AP</li> </ul> | <ul style="list-style-type: none"> <li>- They were the ones doing the plantation establishment.</li> </ul> |
| <ul style="list-style-type: none"> <li>• Institutional</li> <li>- Insufficient CO staff</li> </ul>                         | <ul style="list-style-type: none"> <li>- CENRO staff use the skill to do the CO work</li> </ul>        | <ul style="list-style-type: none"> <li>- Slowly but surely some of the PO</li> </ul>                       |

|  |  |  |
|--|--|--|
| <p>deployed in the area.</p> <p>- Limited participation of PO members in the plantation establishment</p> <p>- Delayed/partial payment of wages.</p> | <p>assisted on the organizing of the community.</p> <p>- Recruited &amp; allowed non-members to work with the project in order to meet the target.</p> <p>- Conducted meetings/dialogue to discuss possible solution</p> | <p>members were able to understand their roles as members of the organization.</p> <p>- Workforce was increased that led to target accomplishment.</p> <p>- Right budgeting and allocation of funds and prioritized salaries of workers.</p> |
|--|--|--|

### III. Action Taken by the AOs, APs, and POs relating to recommendations(s)

#### 1. Recommendation(s) made by SUSIMO

SUSIMO check: This article is ( applicable or  not applicable. There has been no recommendations with regard to the Subproject ).

| Recommendation Of SUSIMO                         | Action Taken   |  | Result   |
|--|--|--|--|
|  | AP   | PO   |  |
| 1. Intensify Plantation Maintenance & Protection | - Assisted in the formulation of plans to intensify M&P activities.                            | -Formulated plan to intensify proper maintenance & protection activities.                            | - Quality of the plantation and survival rate were improved however, over all performance of the project is still below the 80% survival rate set by the DENR. |
| 2. Formulate and/or amend policies.              | - Assisted in the preparation of the policies prior to the concurrence and approval of the GA. | -Formulated and amended policies that are no longer applicable in the implementation of the project. | -Precognitive policies were promulgated.   |



|   |  |  |   |
|---|--|--|---|
| 3. Motivate and encourage all members to participate in the CSD activities. | - Initiated meetings and dialogues to resolve some issues that discouraged the members from participating in CSD activities. | - Adopted some plans for the resolution of issues and concerns especially on delayed salaries. | - Issues and concerns were identified.<br>- Plans and policies were formulated.<br>- The interest of the PO members to support the project was revived. |
|---|--|--|---|

#### IV. Initial Operation and Maintenance of Subproject Facilities

##### 1. Present Conditions of Facilities

- A. Please check : This article is (  applicable due to problem(s) or  not applicable. No particular problem has occurred since the initial operation started ). If there have been any problems, please check the relevant space in the Table.

For the SUSIMO

| Item                                      | Status                           | Initial Operation | Maintenance | Management | Others |
|---|----------------------------------|-------------------|-------------|------------|--------|
| 1 unit 4x4 vehicle (KIA)                  | For repair                       | ✓                 |             |            |        |
| 3 units Motorcycle                        | Serviceable                      |                   | ✓           |            |        |
| 1 unit Power Generator                    | Serviceable                      |                   |             |            |        |
| 1 unit Computer with Software and printer | Serviceable                      |                   |             |            |        |
| 1 unit Base Radio Transceiver             | Serviceable                      |                   |             |            |        |
| 2 units Handheld Radio Transceiver        | 1 unit need repair, 1 was stolen |                   | ✓           |            |        |
| 2 units Forester's Transit                | Serviceable                      |                   |             |            |        |
| 1 unit Office Building                    | Serviceable                      |                   |             |            |        |
| 2 units Diameter tape                     | Serviceable                      |                   |             |            |        |
| 1 set Planimeter                          | Serviceable                      |                   |             |            |        |
| 1 unit UPS gamatronic                     | Serviceable                      |                   |             |            |        |

|   |                                     |  |   |  |  |
|---|-------------------------------------|--|---|--|--|
| compact<br>2 units Steel tape/chain<br>2 units GPS (Magellan) | Serviceable<br>1 unit for<br>repair |  |   |  |  |
| 1 unit Manual Type<br>writer                                  | Serviceable                         |  | ✓ |  |  |
| 1 unit Back fire drip<br>torch guage                          | Serviceable                         |  |   |  |  |
| 1 unit Rain gauge 3 units                                     | serviceable                         |  |   |  |  |
| 3 units Binocular   | Serviceable                         |  |   |  |  |
| 1 set Leroy/lettering   | Serviceable                         |  |   |  |  |
| 1 unit GIS maptitude<br>software &<br>geographic data         | Serviceable                         |  |   |  |  |
| 4 units compass   | Serviceable                         |  |   |  |  |
| 4 units Abney hand level                                      | Serviceable                         |  |   |  |  |
| 2 units Camera  | Serviceable                         |  |   |  |  |
| 2 units Steel cabinet   | Serviceable                         |  |   |  |  |
| 1 unit Medical kit  | Serviceable                         |  |   |  |  |
| 2 units Tape recorder   | Serviceable                         |  |   |  |  |
| 4 units Calculator  | Serviceable                         |  |   |  |  |
| 3 units Petromax  | Serviceable                         |  |   |  |  |
| 1 pc Executive chair  | Serviceable                         |  |   |  |  |
| 9 pairs Desk and chairs                                       | Serviceable                         |  |   |  |  |

For the PO

| Item                     | Status      | Initial<br>Operat<br>ion | Mainte<br>nance | Manag<br>ement | Others |
|--------------------------|-------------|--------------------------|-----------------|----------------|--------|
| 1 unit Office bldg       | Serviceable | ✓                        |                 |                |        |
| 1 steel cabinet          | Serviceable | ✓                        |                 |                |        |
| 1 unit sound system      | For repair  |                          | ✓               |                |        |
| 1 unit vehicle (Jeepney) | For repair  |                          | ✓               |                |        |

B. Please check : The Problem (s) has arisen owing to the following reason (s).

- Technical   
 Financial   
 Institutional   
 Economic  
 Social / Distributional   
 Others

C. Description (in detail)

For the SUSIMO

- KIA Crosstrack - After a month of using the vehicle, a low power performance of the engine was observed. It was brought to the KIA dealer and was found that there was clogging of dirt in the strainer in the injection pump.
- The handheld radio has limited range of coverage and another had a problem in its battery terminal.
- From time to time the motorcycles had some mechanical trouble and had to be maintained regularly while some parts had to be replaced. It can be recalled that these motorcycles were the only vehicles used during the start of the implementation of the project.
- One GPS unit was sent back to central office for repair due to power failure.

For the PO

- The office vehicle (jeep) & sound system needed some maintenance and repair however, no amount has been set aside for the purpose because of other priorities.

D. Aspect of utilizing the Subproject facilities

For the SUSIMO

| Item                   | Original Plan                             | Actual Operation   |
|------------------------|---|--|
| 1. 4 x 4 vehicle (KIA) | For the SUSIMO Coron Watershed Subproject | Being used by the SUSIMO aside from being borrowed from time to time by the CENRO for their anti-illegal logging operations. |
| 2. Motorcycle          | - do -                                    | SUSIMO Coron   |
| 3. Power Generator     | SUSIMO Coron                              | - do -   |
| 4. Computer with       | - do -                                    | - do -   |

|  |        |             |
|--|--------|-------------|
| Software and printer                         |        |             |
| 5. Base Radio Transceiver                    | - do - | CENRO Coron |
| 6. Handheld Radio Transceiver                | - do - | - do -      |
| 7. Forester's Transit                        | - do - | - do -      |
| 8. Office Building                           | - do - | - do -      |
| 9. Diameter tape)                            | - do - | - do -      |
| 10. Planimeter                               | - do - | - do -      |
| 11. UPS gamatronic compact                   | - do - | - do -      |
| 12. Steel tape/chain                         | - do - | - do -      |
| 13. GPS Magellan                             | - do - | - do -      |
| 14. Manual Type writer                       | - do - | - do -      |
| 15. Back fire drip torch                     | - do - | - do -      |
| 16. Rain gauge                               | - do - | - do -      |
| 17. Binocular                                | - do - | - do -      |
| 18. Leroy/lettering set                      | - do - | - do -      |
| 19. GIS maptitude software & geographic data | - do - | - do -      |
| 21. Brunton compass                          | - do - | - do -      |
| 22. Abney hand level                         | - do - | - do -      |
| 23. Camera                                   | - do - | - do -      |
| 24. Steel cabinet                            | - do - | - do -      |
| 25. Medical kit                              | - do - | - do -      |
| 26. Tape recorder                            | - do - | - do -      |
| 27. Calculator                               | - do - | - do -      |
| 28. Petromax                                 | - do - | - do -      |
| 29. Executive chair                          | - do - | - do -      |
| 30. Desk and chairs                          | - do - | - do -      |

For the PO

| Item                 | Original Plan    | Actual Operation |
|----------------------|------------------|------------------|
| 1. Office bldg       | PO Office        | PO Office        |
| 2. Steel cabinet     | PO               | PO               |
| 3. Sound system      | PO - IEC/meeting | PO               |
| 4. Passenger vehicle | PO - Livelihood  | PO - livelihood  |

2. Organization for Operation and Maintenance

A. Name of PO/SUSIMO

a.1 Please give the name of Agency and/or Section in charge of O/M.

a.1.1 **CWBA-Agroforestry Marketing Service Cooperative**

a.1.2 **Subproject Site Management Office (SUSIMO), Coron,  
Palawan**

a.2 Please check:

The latest organization chart ( or equivalent) for O/M of the Subproject facilities is ( attached or  not available).

a.3 If the organization chart ( or equivalent ) is not available, please state the reason.

B. Number of staff/workers of the Agency and/or Section for Operation and Maintenance of Project Facilities.

For the SUSIMO, all the eight personnel have their own MRed units and are responsible for their maintenance. The arrangement is the same with the Peoples Organization. Nevertheless, it is the head of organization, the SMO for SUSIMO and the president for the PO, who has the full responsibility for all the equipment of its organization.

C. Please check and explain the following.

c.1 The number of staff is currently (  sufficient or  insufficient).

If " Insufficient", please describe your estimate of the optimum number of staff and your plan for providing them.

c.2 Average employment period of the present staff.

For the SUSIMO - 17 years  
For the PO - 4 years

c.3 Availability of training program to promote the vocational ability of the staff, its contents and expected effects.

None

3. Annual Budget or Actual Expenditure and Maintenance( by year )

A. Original Expected Expenditure (Unit : Mil Pesos)

For the SUSIMO

| Item<br>Calendar Year | Maintenance     | Operation       | Total           |
|-----------------------|-----------------|-----------------|-----------------|
| 2001                  | 0.262500        | 0.648750        | 0.911250        |
| 2002                  | 0.004000        | 0.116000        | 0.120000        |
| 2003                  | 0.100000        | 0.370900        | 0.470900        |
| <b>Total</b>          | <b>0.366500</b> | <b>1.135650</b> | <b>1.502150</b> |

For the PO

\* The PO has no budget allocation for the maintenance of its facilities and equipment. Any maintenance will depend on the need and subject to availability of fund.

B. Actual and Currently Expected Expenditure (Unit: Mil Pesos)

For the SUSIMO

| Item<br>Calendar year     | Maintenance | Operation | Maintenance &<br>Operation<br>( For Expanded<br>portion) | Total     |
|---------------------------|-------------|-----------|--|-----------|
| <b>2001</b>               |             |           |  |           |
| *Repair gov't.<br>vehicle | 1,860.00    |           |  | 1,860.00  |
| *Office<br>Supplies       |             | 15,557.50 |  | 15,557.50 |
| *Gasoline &<br>Lubricant  |             | 15,450.00 |  | 15,450.00 |
| <b>2002</b>               |             |           |  |           |
| *Repair gov't.<br>vehicle | 55,537.00   |           |  | 55,537.00 |

|                        |                  |                   |                  |                  |                   |
|------------------------|------------------|-------------------|------------------|------------------|-------------------|
| *Office Supplies       |                  | 159,623.00        |                  |                  | 159,623.00        |
| *Gasoline & Lubricant  |                  | 105,068.00        |                  |                  | 105,068.00        |
| <b>2003</b>            |                  |                   |                  |                  |                   |
| *Repair gov't. vehicle | 30,396.00        |                   |                  |                  | 30,396.00         |
| *Office Supplies       |                  | 64,532.00         |                  |                  | 64,532.00         |
| *Gasoline & Lubricant  |                  | 28,495.50         |                  |                  | 28,495.50         |
| <b>2004</b>            |                  |                   |                  |                  |                   |
| *Repair gov't. vehicle |                  |                   | 35,000.00        |                  | 35,000.00         |
| *Communication         |                  |                   |                  | 8,750.00         | 8,750.00          |
| *Office Supplies       |                  |                   |                  | 35,000.00        | 35,000.00         |
| *Gasoline & Lubricant  |                  |                   |                  | 26,250.00        | 26,250.00         |
| <b>T o t a l</b>       | <b>87,793.00</b> | <b>388,726.00</b> | <b>35,000.00</b> | <b>70,000.00</b> | <b>581,519.00</b> |

For the PO

| Item (calendar year)                         | Maintenance      | Operation       | Maintenance & Operation (for expanded Portion) |  | Total            |
|--|------------------|-----------------|--|--|------------------|
| 2001   |                  |                 |  |  |                  |
| * Repair & maintenance of PO office Building | 15,000.00        |                 |  |  | 15,000.00        |
| * Electric bill                              |                  | 2,345.65        |  |  | 2,345.65         |
| * Repair & maintenance of jeep               | 20,405.00        |                 |  |  | 20,405.00        |
| 2002   |                  |                 |  |  |                  |
| * Electric bill                              |                  | 2,412.35        |  |  | 2,412.35         |
| 2003   |                  |                 |  |  |                  |
| * Electric bill                              |                  | 1,218.95        |  |  | 1,218.95         |
| <b>T o t a l</b>                             | <b>35,405.00</b> | <b>5,976.95</b> |  |  | <b>41,381.95</b> |

Note : Actual and currently expected expenditure for expansion, replacement or any other improvement purposes

Please describe the basis for the above estimate and your financing plan for the same.

On the expanded portion, SUSIMO facilities were maintained depending on the fund allocated/downloaded by the DENR-NFDO Central Office. These facilities will be maintained eventually under the regular fund of the concerned field offices when it will be turned over to them.

For the PO, maintenance of their facilities was usually done as the needs arises and subject to availability of funds.

#### 4. Maintenance Method

##### A. Content of Method

Repair and replacement of defective parts of the 2-ton truck, motorcycle, generator and computer set are done as the need arises. Change oil of the motorcycle and the 2-ton truck as well as the tune-up, check-up of body parts and wheels were done regularly. Upgrading of computer system and check up were being done on a regular basis.

##### B. Frequency

| Kind of Facility        | Maintenance Method   | Frequency  |
|-------------------------|--|--|
| 1. 2 ton truck          | Repair/replacement of defective parts,<br>Change oil,<br>Wheels rotation | As the need arises<br><br>Every after 3,000 km<br>Annually |
| 2. Motorcycle           | Repair/replacement of defective parts,<br>Change oil,                    | Once a year<br><br>Every after 3,000 km                    |
| 3. Computer             | Repair/replacement of defective parts,                                   | As the need arises   |
| 4. For other facilities |  | As the needs arises  |



C. Others, if any.

## V. Benefits derived from Project

### 1. Indirect Effects

A. Please choose and check the item (s) which are dealt this Article by you.

- Technological transfer (e.g application of technology used in the Project to other similar projects and subprojects)
- Employment creating ( e.g. during construction, contribution, to the sector(s) after completion )
- Income-rising ( e.g. income of the residents in the region )
- Other intended or unintended effects on the relevant sector(s) and/or the region concerned

B. Please give details for each of the item(s) you checked.

#### Employment creating

The major source of income of the community is farming. Employment opportunity outside their locality is slim considering the level of educational attainment of community members. The implementation of the Subproject CSD activities as well as its infrastructure and livelihood projects generated 238,379 mandays/employment opportunities for the participating communities and reduced unemployment rate at the community level.

#### Income Raising

The Subproject contributed much to the poverty alleviation of the community. Their gross annual income has improved/increased from PHP 10,561.00 to PHP 17,578.00 the members are able to engage high yield corn farming and other sustainable livelihood projects and thus, assured of sustainable source of income.

## VI. Conclusion and Recommendation

### Conclusion

Looking at the totality of the accomplishment versus its target, it can be said that the PO had achieved its target, as they were able to finish 100% of their contracted area. However, considering the survival rate and the quality of the plantation, it is obvious that the PO did not carry out its task seriously. Their plantation did not even meet the minimum survival rate requirement despite the fact that the project did not encounter any *force majeure*.

It was not that the PO was technically incapable to implement the Subproject but rather, lapses in the social and institutional aspect as the AO failed to inculcate in the minds of the PO members the real objectives of the Subproject. Participants were primarily driven by financial considerations in joining the CSD activities; they failed to recognize the long-term and more profound rationale of the Subproject.

Nevertheless, the Comprehensive Site Development (CSD) cannot be considered as failure. The visible improvement made on the previously denuded areas definitely has created positive impact on the environment and to the lives of participating households particularly, the members of CWBAAMSC. Several years from now, the forest plantations are expected to contribute to the enhancement of the quantity and quality of water yield for irrigation, domestic and industrial use. In addition, the agro-forestry, bamboo and rattan plantations are also expected to improve further the socio-economic conditions of the PO-CWBA.

### Recommendations:

- Policies should be formulated to ensure that only capable, experienced and committed AO's will be hired to conduct community organizing activities considering the importance of CO in paving the ground for the success of failure of plantation establishment.
- Prior to the start of any subproject, a fully organized SUSIMO should be deployed with complete manpower and facilities to provide technical and guidance to the PO.
- Instill to the PO members through seminars, trainings and IEC sense of

ownership and responsibility to ensure the success of plantations.

- Follow standards on seedling production, site preparation and plantation establishment and intensify maintenance and protection activities over the entire CSD areas to improve the survival rate and quality of the plantations.
- Establish enough Community Forestry Development Fund (CFDF) for livelihood projects and for continuous maintenance and protection activities to sustain the over all management of the subproject and needs of the members.
- Improve and enhance the recording system (financial) so that records can be made more transparent to the members.