

INTERNATIONAL TROPICAL TIMBER ORGANIZATION

ITTO

PRE-PROJECT PROPOSAL

TITLE	PROMOTION OF NON TIMBER FOREST PRODUCTS IN TERAI REGION OF NEPAL.
SERIAL NUMBER	PPD 6/99 Rev.3 (M,F,I)
COMMITTEE	FOREST INDUSTRY
SUBMITTED BY	GOVERNMENT OF NEPAL
ORIGINAL LANGUAGE	ENGLISH

SUMMARY

This pre-project will assess the present status in the management of NTFPs in three of Nepal's Terai districts (Banke, Parsa and Morang) by determining the current use, identifying the potential and means for increasing production. These districts contain a large quantity of medicinal and aromatic plants which are annually harvested. The pre-project will include a quantitative resource assessment, determination of the annual quantity of NTFP collected, methods of collection, drying and storage practices, and the examination of the socio-economic condition of local people involved in NTFP production. The pre-project will build on existing information for the identification of policy gaps for the sustainable management of NTFPs. An analysis of the development of a future program will be conducted with all stakeholders through two workshops. The pre-project outputs will include four documents: a NTFP quantitative resource assessment for tropical Nepal; a current NTFP market analysis; a technical document on current status of NTFP management; and a project proposal.

EXECUTING AGENCY	MINISTRY OF FORESTS AND SOIL CONSERVATION, KATHMANDU, NEPAL	
DURATION	ONE YEAR	
APPROXIMATE STARTING DATE	JANUARY 2000	
BUDGET AND PROPOSED SOURCES OF FINANCE	SOURCE	Contribution in US\$
	ITTO	49,772
	HMG/N	20,588
	TOTAL	70,360

Revised version as per the date September 18, 1999
Promotion of Non timber Forest Products in Terai Region of Nepal

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Part I: Context

A. Relevance to ITTO

1. Compliance with ITTO objectives

The pre-project is in line with objectives established in Article 1 of the ITTA 1994. Some of the relevant objectives as mentioned in ITTA 1994, article 1 are

- a. To provide an effective framework for consultation, international cooperation and policy development.
- c. To contribute to the process of sustainable development.
- f. To promote and support the research and development with a view to improving forest management and efficiency of wood utilization as well as increasing the capacity to conserve and enhance other forest values in timber producing tropical forests.
- g. To develop and contribute towards mechanism for the provision of new and additional financial resources and expertise needed.

The pre-project is also in line with following ITTO Year 2000 objectives, which states as

*Improvement of the utilization of the resources to give the greatest possible social benefit:
Improvement of the social and political environment concerning forest management:*

Because the pre-project targets towards sustainable development, research and development, policy development and international cooperation as well as try to generate maximum social benefit, proposed pre-project is exactly in line with above objectives of ITTA 1994 and ITTO Year 2000 objective. Proposed pre-project help in formulation of the project which will attempt to use important natural resources of tropical Nepal in sustainable way for the benefit of the local people residing even in the very remote corner where no other easy alternate of income generating opportunity exists.

2. Compliance with ITTO Criteria:

The pre-project is submitted in accordance with criteria set in Article 23 of ITTA as follows:

- a. The pre-project is related to the production and use of industrial forest products
- b. It targets for the benefit to the tropical timber economy of the country as a whole and relevant to both producing and consuming countries.
- c. It targets for reasonable prospects for positive economic returns in relation to costs.

B. Relevance to National Policies

1. Relevance to Master Plan for the Forestry Sector (MPFS):

To contribute to the growth of the local people and national economies by creating opportunities for income generation and employment was long-term objective of the Master Plan for the Forestry Sector during the period 1989-2010.

Out of the six primary programs in the MPFS, medicinal and aromatic plants and other minor forest products development is also a main program. The Program aims to increase supply of medicinal and aromatic and other minor forest products, and to facilitate their conversion into useful commodities and their distribution to local and foreign markets.

2. Relevance to International Commitments (Rio declaration, 1992):

Nepal is one of the signatories of the Rio Declaration (UNCED 1992) and is fairly committed to the protection of environment by an effective national action plan. This convention stresses that " the first beneficiaries of the conservation and sustainable use of wild plant and animal species, should be the local communities and indigenous people whose traditional knowledge and respect for those resources. Most of the primary collectors, users, sellers, and informants of NTFPs are the local people. Wholly or partially they depend on them for their

livelihood. Thus this study contributes to develop NTFPs in the study area to meet the above commitment.

3. Relevance to The Ninth Plan (1998-2002):

With only one objective of poverty alleviation, income generation through medicinal and aromatic plants (MAPs) and other NTFP is priority program for tropical areas of Nepal. Cultivation of MAPs and other NTFPs is newly identified potential activity by the Ninth Development Plan (1998-2002) of His Majesty's Government of Nepal. Cultivation of MAPs and NTFPs is also priority program in income generation through the use of biological diversity of the country. The plan calls for MAPs and NTFP management, marketing, processing, (industry) enterprise development and export like (of) the final products as well as necessary activity of training and extension.

So, proposed pre-project is also exactly in line with the present national policy of His Majesty's Government of Nepal.

3. Institutional and Legal Framework:

Institutional Framework:

In the field level, management of non-timber forest product belongs to Department of Forests and is executed through the various District Forest Offices under the Department. Where as Department of Plant Resources has the expertise in the NTFP and related matters. Department of Plant Resources has been conducting research in NTFP domestication, cultivation, harvesting, and essential oil extraction.

Legal Framework:

Nepal has enacted Forest Act 1991 and Forest Rules 1993, which has provision of community forestry, leasehold forestry and private forests. In all these categories of forests NTFPs like medicinal plants and other non timber forest products can be cultivated according to Forest Act 1991 and Rules 1993 for local use as well as for income generation. In community forestry, parts of government forests is handed over to local users for management there by fulfilling their needs of forest products and creates opportunity for income generation. Similarly, leasehold forests are handed over to the group of poor local people for maintaining forests as well as generating income. This legislative framework has created additional potential for generating income from the introduction of NTFPs besides the natural area where NTFPs are grown in nature.

PART II: The PRE- PROJECT

1. Origin of the Project:

Background Information:

Non timber forest products (NTFPs) has (big) great importance in the tropical regions of the Nepal's Terai region from the ancient and medieval time. Many mythological epics *Ayurveda*, *Ramayan* etc. mentioned about use of medicinal plants from the region. Presently also, *Rawalfia serpentina* and other very important medicinal plants like *Asparagus*, *Eugenia*, *Terminilia spp.*, *Terminilia chebula*, *Cassia fistula*, *Discorea species*, etc are found in the tropical area of Nepal.

Problems and Potentials:

Although medicinal plants have been growing naturally in many forest areas of different altitudes, there were no attempts in sustainable management of the resources. Instead, the resources were used and still using haphazardly by the local people for short-term economic gain. So, it is said that some of the plant species have been already extinct from the area and remaining resources are also in the way of degradation. This is also effecting livelihood of the local people negatively, because many of them depend on these resources as off-season income generating activity and their own use. It is claimed that from many parts of

the tropical Nepal, local people earn US\$15-30 per household per year from these NTFPs. This is substantial as compared to their annual cash income.

Origin of the Project:

There are many non timber forest products (NTFPs) like daphne (lokta), sawai grass, mushroom, fern, bamboo and medicinal plants like Lycopodium, Rawalfia, Dioscorea, etc., which are harvested and used locally as well as exported to India and overseas like Germany, Japan, France, Malaysia etc. At the same time the resource base is degrading due to lack of scientific management. However, in fact, NTFPs is one of the viable means of generating income in the remote tropical areas where no other income generating opportunity is possible. So, a carefully planned and prepared project proposal is necessary to maintain resource base and to generate additional income for the rural poor in areas. Proposed pre project is only an initiation of the envisaged long term program.

2. Pre-Project Objectives:

2.1 Development Objective

Promotion of sustainable development of non timber forest products with socio- economic benefit to the rural people residing in the tropical region of Nepal where other income generation opportunity do not exist.

This will also have positive effect on overall sustainable management of forests around these areas resulting in overall biodiversity conservation.

2.2 Specific Objective

Specific objective of the pre-project is preparation of a project proposal.

This project proposal will be developed after assessment of the present status in NTFP management such as determining current use, identifying potentials and means for increasing production as well as analysis of the future program by involving all stakeholders related with NTFPs program in Nepal through various workshops, meeting, field visits and other practical means.

3. Pre-Project Justification

3.1 Problems to be addressed:

There is lack of information on propagation (in-situ and ex-situ), sustained yield, appropriate harvesting technique, best harvesting season, storage, processing etc. Local farmers do not know the potential market and reasonable market prices. A project proposal is necessary for generating these informations and implementing sustainable management plans for NTFPs. Proposed pre-project will be initiation of the process to get the answer of the many above problems.

3.2 Characteristics of the pre-project area:

Banke, Parsa and Morang districts in the tropical areas are selected as the pre-project area to generate information for the project proposal. These districts are widely used for collecting NTFPs especially medicinal and aromatic plants (MAPs).

These districts are center of a few other districts where large quantities of medicinal and aromatic plants are harvested every year. Mostly the poor farmers inhabit the district. Only the income which they have by selling agricultural products and working as seasonal labor in the major urban centers. Poverty is pervasive in the entire district. Some NGOs are also working to assist local people in NTFP management in these areas.

Banke district is located at about 500 kilometer West of Kathmandu in the southern plain of the country. The District is centre of the trade for non-timber forest product especially medicinal plants.

3.3 Other Relevant Aspects of Pre project Situation:

Rural poverty:

Agriculture is the predominant occupation of almost all the people residing in the tropical region of Nepal. Their socio-economic condition is being worse every day due to decrease in productivity resulting from continuous farming. So, along with increase in productivity, it is very important to help rural population by means of short-term income generating activities such as production of NTFPs.

Biodiversity Conservation:

As a signatory of Convention on Biological Diversity, it is the obligation of Nepal to conserve all the biological diversities existing in the country. However, due to existence of numerous biological diversity and poor economic status of the country, it is very difficult for Nepal to initiate actions to conserve all these biological resources.

Inadequacy of Knowledge:

Even for the species which are in biological threat and which have big economic importance, management aspects such as nursery technique, after care, harvesting, storage, processing etc. is virtually unknown. Therefore, it is very urgent to generate these informations for sustainable management as well as for the benefit of local population.

3.4. Intended situation after pre-project completion:

At the end of pre-project, it is expected that the pre-project would give the following information:

- ◆ NTFPs resource of tropical area is accessed
- ◆ National position paper on NTFPs will be prepared
- ◆ A project proposal will be prepared with involvement of all stakeholders for implementation.

Implementation of the project afterwards will contribute to environmental conservation as well as socio economic up-liftment of the country.

3.5 Target Beneficiaries:

The direct beneficiaries of the Project will be the local villagers, community forestry user groups; individual engaged in NTFPs collection, trade as well as related government institutions in Nepal.

3.6. Pre-Project Strategy

Proposed pre-project will examine the existing situation in holistic way including quantitative resource assessment, yearly quantity of NTFPs collected, collection practices, drying and storage technique of medicinal plant products; examine existing potentials of the area in NTFP production in relation to socio economic condition of local people, prepare a national position paper for the tropical Nepal with the help of all stakeholders including national and international NGOs. The pre-project will also build on the existing information with identification of policy gaps, if any, for sustainable management of non-timber forest products in Nepal.

Pre-project will prepare a project proposal with the help of all concerned stakeholders in-line with Project Formulation Guidelines of ITTO.

Because proposed pre-project is innovative in nature, study of pre-project will be confined to three representative areas of the tropical region of Nepal, namely Banke(Mid-west), Parsa (Central) and Morang (East) districts of the terai. However out come of the pre-project will be applicable in the national level. Therefore, in fact proposed one year pre-project is just initiation of the envisaged long-term project.

3.7. Project Risks:

There is only some minimal risk that could hamper the success of the pre project. However, success of the project is also depends upon timely decision taken to mobilize its resources especially professional staff (government officers).

4. Out puts Activities:

Development Objective

Promotion of sustainable development of non- timber forest products with socio-economic benefit to the rural people residing in the tropical region of Nepal where no other income generation opportunity exists.

Specific objective of the pre-project is preparation of a project proposal.

(The preproject outputs are four documents as follows)

Four documents are expected from the pre project outputs as follows:

1. NTFP quantitative resource assessment of tropical region of Nepal
2. Current NTFP market analysis
3. Technical document on current status on NTFP management including in-situ and ex-situ conservation for tropical area.
4. Project Proposal for implementation.

Output 1.1: Document on quantitative resource assessment of NTFPs for Tropical Region of Nepal.

Activity 1.1.1 : Resources Survey by means of appropriate sampling techniques and triangulation of information by several field visits using RRA/PRA and official records.

Activity 1.1.2 : Secondary information collection by means of reviewing existing reports, publications.

Activity 1.1.3 : Field visit for report verification

Activity 1.1.4: Report publication

Out put 1.2: Document on Current NTFPs market analysis

Activity 1.2.1 : Information from fields on quantity harvested annually.

Activity 1.2.2 : Trade system study from village to end-use

Activity 1.2.3 : Socio-economic survey of households related with NTFPs

Activity 1.2.4 : Study on export of NTFPs based products

Activity 1.2.5: Report publication with recommendations for improving village trade system

Out put 1.3: Technical document on current national status on NTFP management

Activity 1.3.1 : Secondary information collection

Activity 1.3.2 : Ethnobotanical survey

Activity 1.3.3 : Workshop for gap identification

- Technical issues (ex-situ and in-situ conservation)
- Policy issues
- Market issues
- Social issues

Activity 1.3.4 : Drafting position paper on NTFPs management for tropical region of Nepal.

Activity 1.3.5: Document publication on current status on NTFP management for tropical region of Nepal.

Output 1.4: Project Proposal on Promotion of non-timber forest products in Nepal

Activity 1.4.1 Project outline preparation and discussion

Activity 1.4.2 Draft project document preparation

Activity 1.4.3 One day workshop to review and improve draft project proposal

Activity 1.4.4 Publication of final project proposal in accordance with ITTO guidelines

4. Activities and Inputs.

Activity wise inputs are presented in Annex-1.

6. Logical Framework: Logical Framework Matrix of the Pre-Project is presented in annex-2

7. Work Plan: The work Plan of the Pre-project is presented in Annex -3.

8. Institutional Arrangement for Execution and Operation:

As the pre-project ultimately targets to formulate a project proposal to the Ministry of Forests and Soil Conservation, it (is) lies in the jurisdiction of the Ministry of Forests and Soil Conservation to execute the project. The secretary in the Ministry will guide the Pre-project. There will be overall pre-project coordinator, who will be senior officer in the ministry with an expertise in NTFPs management. There will also be several qualified officers involved from the Ministry during pre-project formulation. However the expertise from the department of Plant Resources and Herbal Production and Processing Company Ltd. will be involved as stakeholder to implement pre-project programs (as well as from the concerned departments).

Designated pre-project coordinator will execute day to day activity of the project. S/he will coordinate activities according to pre-project document with concerned departments and field offices. S/he will be directly responsible for the implementation and success of the project.

9. Prior Obligation and Pre-requisite

At Present there are no prior obligation to the start of the Pre-Project. Once funding is confirmed by ITTO, MFSC will start activities to get the pre-project underway.

10. Possible Future Action:

After completion of the pre-project a project proposal will be (produced and submitted) developed and submitted to ITTO for financial support.

PART III

Monitoring, Reporting and Evaluation:

1. Pre-Project Reporting:

Trimester (four month) report will be prepared according to set procedures of His Majesty's Government of Nepal and copy of the report will be sent to ITTO. In other occasion also report will be prepared as felt necessary by government and ITTO. A pre-project completion report will also be prepared and submitted to ITTO according to its guideline.

2. Pre-Project Monitoring:

ITTO representatives will monitor the pre-project at least once in a year or as felt necessary by ITTO.

3. Pre-Project Evaluation

ITTO monitoring representative will discuss with Ministry of Forests and Soil Conservation if the evaluation is necessary. The decision will be taken and implemented accordingly.

PART IV

Pre-Project Budget

The pre-project budget by item presented in annex 4 and overall budget by activities presented in Annex 5. Contribution of government of Nepal is also presented in Annex 4.

Annex-1 Activities and Inputs

Activities for Out put 1:	Input	Budget in US\$
Resources survey by PRA/RRA	DSA/TA for SC supervision	1471
Sub contract of US\$ 3382.00	Salary for two person for 1.5 month	1471
	DSA	735
	Travel	735
	Report writing	147
	Printing	294
Secondary Information collection	Secretarial Support	368
Field Visit for report verification	TA	441
	DSA	1471
Report publication	Secretarial support	368
	Printing	735
ACTIVITIES FOR OUTPUT 2:	Input	
Data collection on quantity harvest	DSA/TA for SC supervision	1471
Sub Contract of US\$2206.00	Salary for two person for 1 month	1029
	DSA	441
	Travel	294
	Report Writing	147
	Printing	294
Trade system study	DSA/TA for SC Supervisor	1471
Sub Contract US\$2206.00	Salary for 2 person for 1 month	1029
	DSA	441
	Travel	294
	Report Writing	147
	Printing	294
Socio-economic Survey	DSA/TA for SC Supervisor	1471
Sub Contract US\$4265.00	Salary for 2 person for 2 month	2059
	DSA	882
	Travel	588
	Report Writing	294
	Printing	441
Study of NTFP export	DSA/TA for SC supervision	1471
Sub Contract of US\$3015.00	Salary for 2 person for 1.5 month	1545
	DSA	588
	Travel	441
	Report Writing	147
	Printing	294
Market Analysis Report Publication	Report Writing	735
	Printing	735

ACTIVITIES FOR OUTPUT 3:	Input	
Secondary Information Collection	Contract for 2 weeks	368
Ethnobotanical Survey	DSA/TA SC supervision	1471
Sub Contract of US\$3677.00	Salary for 2 person for 2 month	2059
	DSA	736
	TA	441
	Report drafting	147
	Report printing	294
Workshop for gap identification	Workshop Place	HMG
	Stationary	735
	Allowances	368
	Meals	368
	Snakes	368
	Misc.	229
Draft document on National Status of NTFPs Preparation		
Sub Contract	Salary of 2 person for 1 month	1029
	Report writing	147
	Printing	147
Final Report Publication	Report reviewing	735
	Printing	368
ACTIVITIES FOR OUTPUT 4		
Project outline preparation	Solely by HMG Officials	
Draft Project proposal preparation	Report Writing	368
	Printing	368
Workshop for improving proposal	Workshop place	HMG
	Stationary	735
	Allowances	368
	Meals	368
	Snacks	368
	Misc.	220
Publication of Project Proposal	Proposal Reviewing	1471
	Printing	735
Pre-Project Management	1 Office assistant for 1Year	1765
	Computer	882
Total ITTO PROGRAM BUDGET		44926.47
ITTO MONITORING		2250
ITTO ADMINISTRATION		2595
TOTAL ITTO CONTRIBUTION		49,772

(1US\$=NRs.68)

Annex – 2 Logical Framework Matrix

Description	Indicators	Means of verification	Assumptions
Development Objective: Promotion of sustainable development of NTFP with socio-economic benefit to rural people.	Area under sustainable management Increase income of rural people	Progress Reports, evaluation reports etc.	Present supportive policy remains unchanged
Specific Objective: Preparation of a project proposal which will attempt sustainable management of NTFPs resources and generate additional income to local people.	Publication of Different Reports including project proposal	Different Reports, field visit, Quantitative resources assessment.	Available information on which project developed is correct
Outputs: 1.1 Documentation on quantitative resource assessment of NTFPs for tropical region prepared. 1.2 Current NTFP Market system analyzed 1.3 National current status of position paper on NTFP prepared 1.4 Project Document is prepared Activities: 1.1.1 Resources survey by means of PRA/RRA & official records. 1.1.2 Secondary information collection 1.1.3 Field Visit for report verification 1.1.4 Publication of final report	Documents published. Number of field visits Number of information gathered Number of field visits	Pre-project works Field Reports Reports Final Report	Timely availability of resources.
1.2.1 NTFP data collection from fields 1.2.2 Trade system study from village to end use 1.2.3 Socio-economic survey 1.2.4 Study of export of NTFP based products 1.2.5 Market analysis report publication 1.3.1 Secondary information collection 1.3.2 Ethnobotanical survey 1.3.3 Workshop for gap identification - technical issues - policy issues - market issues - social issues 1.3.4 Drafting national status report of NTFPs. 1.3.5 Document Publication on current national status 1.4.1 Project outline preparation and discussion 1.4.2 Draft project Proposal Preparation 1.4.3 Workshop for improving project proposal 1.4.4 Preparation of final project proposal	Field visits Field visits to trading routes Data collection Issues identified and recommended Number of materials collected Field visits Actual workshop	Field Reports Field Reports Report Final Report Report Report Workshop proceedings Final report on current status Final Report Workshop proceedings Well formulated project proposal	

Annex- 3 -Working Plan

OUTPUT/ACTIVITIES	RESPONSIBLE PARTY	1	2	3	4	5	6	7	8	9	10	11	12
		Out put 1: Document on Resources Assessment											
Activity 1.1 Resources Survey	Govt. Officers/Sub Con.		xx	xxxx									
Activity 1.2 Secondary Information Collection	Govt. Officers	xxx x											
Activity 1.3 Report Verification	Govt. Officers					xxxx							
Activity 1.4 Report Publication	Govt. Officers						xxxx						
Out put 2: Document On NTFP Market Analysis													
Activity 2.1 Harvesting Data collection from Field	Govt. Officers/ Sub Con			xxxx									
Activity 2.2 Trade system study	Govt. Officers /Sub Con				xxxx								
Activity 2.3 Socio-economic Survey	Govt. Officers /Sub Con			xxxx	xxxx								
Activity 2.4 Study of NTFP Export	Govt. Officers /Sub Con			xx	xxxx								
Activity 2.5 Market Analysis report publication	Govt. Officers						xxxx						
Output 3: Technical Document on Current Status													
Activity 3.1 Secondary Information Collection	Govt. Officers/ Consult.		xx										
Activity 3.2 Ethnobotanical Survey	Govt. Officers /Sub Con			xxxx	xxxx								
Activity 3.3 Workshop for Gap Identification	Govt. Officers						x						
Activity 3.4 Sub Contract Document on National status	Govt. Officers /Sub Con							xxxx					
Activity 3.5 Document on current status of NTFP	Govt. Officers								xxxx				
Output 4: Project Proposal Preparation													
Activity 4.1 Project outline preparation	Govt. Officers								xx				
Activity 4.2 Draft Project Proposal preparation	Govt. Officers												
Activity 4.3 Workshop for Reviewing Project Proposal	Govt. Officers									xxxx	xxxx		
Activity 4.4 Publication of Project Proposal	Govt. Officers											x	
													xxxx

Govt.= Government, Con.= Contract, Consult. = Consultant

Annex – 4 Pre-Project Budget

S.N	items	Unit	Unit Cost in US\$	ITTO Contribution	Govt. Contribution
				In US\$	In US\$
10	PROJECT PERSONNEL				
	11. Government Officer	5	2647.10		13235.30
	12. Admin. Personnel	1	1764.70	1764.70	
	13. Consultants	1	-	367.65	
	19. COMPONENT TOTAL			2132.40	
20	SUB CONTRACTS				
	21. Sub contracts 1			3382.00	
	22. Sub contracts 2			2205.90	
	23. Sub contracts 3			2205.90	
	24. Sub contracts 4			4264.70	
	25. Sub contracts 5			3014.70	
	26. Sub contracts 6			3676.50	
	27. Sub contracts 7			1323.50	
	29. COMPONENT TOTAL			20074.40	
	30	DUTY TRAVEL			
31. Daily Subsistence Allowance				8529.40	
32. Transport Costs				2205.90	
39. COMPONENT TOTAL				10735.00	
40	CAPITAL ITEMS				
	41. Premises				1470.60
	42. Land				0.00
	43. Capital Equipment			882.40	2941.20
	49. COMPONENT TOTAL			882.40	4411.80
50	CONSUMABLE ITEMS				
	51. Raw Materials				
	52. Spares				
	53. Utilities				2941.20
	54. Office Supplies			4779.40	
	59. COMPONENT TOTAL			4779.40	
60	Miscellaneous				
	61. Sundry-optional cost			6323.50	
	62. Refund of Pre-project costs			0.00	
	69. COMPONENT TOTAL			6323.50	
70	ITTO MONITORING, EVALUATION and ADMINISTRATION				
	71. Monitoring & Evaluation			2250.00	
	72. Administrative cost			2595.00	
	79 COMPONENT TOTAL			4845.00	
99.	GRAND TOTALS			49,772.00	20588.20

Annex – 5 Overall Budget by Activities.

Output/Activities	Project Personnel	Duty Travel	Capital Items	Consumable Items	Miscellaneous	IITO M&E	Grand Total
	US\$	US\$	US\$	US\$	US\$	US\$	US\$
Out put 1: Document on Resources Assessment							
Activity 1.1 Resources Survey	1911.8	2941.2		441.2			5294.1
Activity 1.2 Secondary Information Collection				367.6			367.6
Activity 1.3 Report Verification		1911.8					1911.8
Activity 1.4 Report Publication				1103.0			1103.0
Out put 1 Subtotal	1911.8	4853.0		1911.8			8676.5
Out put 2: Document On NTFP Market Analysis							
Activity 2.1 Harvesting Data collection from Field	1470.6	2205.9		441.2			4117.6
Activity 2.2 Trade system study	1029.4	2205.9		441.2			3676.5
Activity 2.3 Socio-economic Survey	2058.8	2941.2		735.3			5735.3
Activity 2.4 Study of NTFP Export	1544.1	2500.0		441.2			4485.3
Activity 2.5 Market Analysis report publication				1470.6			1470.6
Out put 2 Subtotal	6102.9	9853.0		3529.5			19485.3
Output 3: Technical Document on Current Status							
Activity 3.1 Secondary Information Collection	808.8						808.8
Activity 3.2 Ethnobotanical Survey	2058.8	2647.1		441.2			5147.1
Activity 3.3 Workshop for Gap Identification				735.3	1323.5		2058.8
Activity 3.4 Sub Contract Document on National status	1029.4			294.1			1323.5
Activity 3.5 Document on current status of NTFP				1103.0			1103.0
Out put 3 Subtotal	3897.1	2647.1		2573.6	1323.5		10441.2
Output 4: Project Proposal Preparation							
Activity 4.1 Project outline preparation	441.2						441.2
Activity 4.2 Draft Project Proposal preparation				735.3			735.3
Activity 4.3 Workshop for Reviewing Project Proposal				735.3	1323.5		2058.8
Activity 4.4 Publication of Project Proposal			882.4	735.3	1470.6		3088.2
Out put 4 Subtotal	441.2		882.4	2205.9	2794.1		6323.5
Grand total	12352.9	17353.0	882.4	10220.8	4117.6	4845	4845
						4845	49772

CURRICULUM VITAE

- Name : Parajuli, Damodar Prasad
- Nationality: : Nepali
- Date of birth :10 April 1951
- Marital status : Married
- Contact telephone: 977-1-228369 (Res.), 977-061-21563 (Office)
- Education : Master in Forestry, Australian National University, Canberra, Australia (1987)
Graduate Diploma in Forestry, (1986)
AIFC (Equivalent to M.Sc in forestry), Dehra Dun, India, (1973).
B.Sc (Natural science), Tribhuvan University (1970).
- Employment: Chief, Foreign Aid Co-ordination Division, Ministry of Forests and Soil Conservation Singha Durbar, Nepal (Present).
- Visiting Scholar, IOF/ITTO Project, International Tropical Timber Organization under UN system, Nepal.(Jan 1997- March 1998); Specific responsibilities are:
to conduct collaborative research on subjects, to prepare teaching materials for the course as a lesson plan/modules and manuals for practical works, to assist faculty members to prepare research proposals, to topical seminars, to assist IOF to improve existing curriculum, to serve on the editorial board of the Institute of Forestry ,and to teach B.Sc forestry level courses.
- Acting Secretary, Ministry of Forests and Soil Conservation, Singha Durbar, Nepal, (1996).
- Chief Monitoring and Evaluation Officer, Ministry of Forests and Soil Conservation, Singha Durbar, Nepal, (1995 Jan. 1995-1996).
- Director General, Department of Forests, Nepal,(7 Nov. 1992-26 Jan.1995).
- Deputy Director General Department of Forests, Nepal,(1989-1992).
- Project Manager, Royal Suklaphanta Wildlife Reserve Extension Project, Kanchanpur District, Nepal ,(1987-1990).
- Forestry Sector Co-ordinator, Integrated Hill Development Project funded by the Swiss Government, Sindhupalchowk District , Nepal, (1978-82).
- Divisional Forest Officer (DFO) and Project Co-manager, Nepal Australia Forestry Project, Sindhupalchowk District , Nepal, (1978-1985).
- Forest Protection Officer and Divisional Forest Officer (DFO) at Jhapa, Biratnagar, Surkhet, Bardia, Kailali Districts of Nepal (1973-1978).
- Professional experience: Worked as NTFP consultant to the National Planning Commission, Nepal, in the preparation of the Ninth Five Year Plan (1998-2002) of the Forestry Sector, Nepal, June, 1998.
- Course designed and conducted training entitled " National Training on NTFP Marketing and Sustainable Management " for

Professionals working in the Natural Resource Management; Jointly Organized by Training and Manpower Development in Community Forestry Project, IOF/ITTO, Pokhara and Institute of Forestry, Pokhara Campus between 1-14 February, 1998.

Conducted two research works on NTFPs (1997) entitled:
(a) Cultivation of Dalchini (*Cinnamomum tamala*) trees in the marginal land could fetch more benefits- A study in the Palpa district.

(b) Sustainable Management of Non-timber Forest Products : A Case Study of Jaributi in the Basisahar Basin, Lamjung district, Nepal

Presented a country report on NTFPs entitled " Nepalma Jadibutiko Awasta ra tesaka bikash ka prayasharu (in Nepali)" to a seminar organized by the Department of Ayurved, HMG/Nepal, for the Kabirajs, Nov. 1994.

Worked as a Board of Director on Sustainable Community Development Program (NEP/96/G81), UNDP/HMGN (1996).

Worked as a Senior Reviewer on Biodiversity Profile Project funded by the Netherlands Government (1995).

Worked as a consultant to ESCAP, Bangkok, in the preparation of Country Paper on " Agricultural / Forestry Biomass as a energy resource in Nepal", (April-July 1996).

Worked as a local consultant to IUCN, Nepal in the Preparation of EIA of Bara Natural Forest Management Plan, Nepal, (1994).

Prepared Initial Environmental Impact Assessment of the Proposed Jayama Wildlife Resort, Chitwan, Nepal (1994).

Worked as a Chairman of the steering committee on the promotion of Non- Wood Forest Products (NTFPs), Ministry of Forests and Soil Conservation, Nepal.(1994).

Worked as a Chairman of Biogas Promotion the steering committee, Ministry of Forests and Soil Conservation, Nepal.(1994).

Worked as a steering committee member on Forest Resource Management Plans in the four districts of Terai, APROSC, Nepal (1994).

Worked as a Focal Point in Nepal for Regional Wood Energy Development Program (GCP/RAS/131/NET) in Asia (1992-1995).

National Expert on the Arun:III Management of Basinwide Environmental Impacts Study Project,(July 1991).

Task Force member on the Environmental Impact Assessment of the Godawari area, Nepal, National Council for the Conservation of Natural and Cultural Resources (NCCNCR), June 1992.

Task Force member on the Terai Fourth Forestry Project preparation mission, IDA/HMG/ Nepal, 1992.

Worked as a Community Forestry Expert on Monitoring and Evaluation of Forest Operational Plans Implementation (Users group forestry), Terai Community Forestry Project, Nepal, 1992.

Community Forestry Consultant for Agricultural Projects Services Center (APROSC), Nepal in the Awareness Study of the Master Plan for the Forestry Sector, Nepal, 1991.

HMG/Nepal Counterpart in the reformulation of NEP/85/017 Project, FAO, funded by UNDP, 1991.

Worked a consultant to Red Barna, Nepal, in designing the Community Forestry Program, Nepal, 1987.

Analyzed critically the Sagarnath Forestry Development Project (man-made), Sarlahi, Nepal, M.S. Thesis (1987), Australian National University, Canberra, Australia.

Worked as a Team Member in the preparation of the Nepal Australia Forestry Project, Phase:3, 1984.

Designed and conducted a number of Vocational, Technical and Professional training courses for field level to professional level forestry personnel in Forestry, 1978-1985.

Seminars, Workshops and Training: Participated in an International Conference on Medicinal Plants at the National Institute of Advanced Studies, Bangalore, India, 16-19 February, 1998.

Presented a Country Paper on "Agricultural / Forestry Biomass as a energy resource in Nepal", Organized by ESCAP, 17-20 July, 1996, Bangkok, Thailand.

Worked as a Resource Person in the Training Program of Forestry Professional, Ministry of Forests and Soil Conservation, Nepal.(19989-present.).

Participated in a Regional Workshop on Conflict Resolution in Forest Resources Management, 10-13 Oct. 1995, International Center for Mountain Development (ICIMOD), Nepal.

Participated in a National Seminar on "Population and Development", National Planning Commission, Kathmandu, 10-12 July, 1995.

Actively participated in a Training program on "Leadership and Negotiation Skills", Organized by the Nepal Administrative Staff College, Nepal, for Senior Officials of Ministry of Forests and Soil Conservation, Nepal, 5-7 July 1995.

Actively participated at "IFAD Project Manager's Training Workshop on Leadership and Negotiation Skills Development", Jointly organized by IFAD, Rome and UNDP/OPS, Cha-am, Thailand, 18-22 July, 1994.

Attended a country Workshop on "Strengthening Post-Evaluation Feedback System", 17-19 April 1995, Organized by the National Planning Commission, Nepal.

Attended a Workshop on "Rehabilitation of Degraded Lands in Mountain Ecosystem of the Hindu-Kush Himalayan Region, Organized by ICIMOD, Baoshan, Yunnan, China, 18-21 December 1994.

Presented a National Paper entitled "Wood energy development in Nepal" on the ET-IUFRO Workshop on wood energy in the tropics held at Tampere, Finland, Aug. 1995.

Attended a Workshop on "Integration of Wood Energy in National Energy Planning", Jointly organized by Department of Forests, Nepal and FAO, Bangkok, 29 June-1 July 1990.

National seminar on Wood/Biomass based Energy system to Rural Industries and Village Application in Nepal, Jointly organized by Department of Cottage and Rural Industries, Nepal and FAO/RWEDP, Bangkok, 29-31 July, 1992. "Gender Analysis and Forestry", Organized by APROSC/ FAO, 10-12 June 1992, Kathmandu, Nepal.

"Himalayan Community Forestry" Organized by ICIMOD, Kathmandu, Nepal, 1-4 June 1992.

Third Regular Regional Courses on Monitoring and Evaluation Methods and Techniques in Rural Development, Organized by APROSC/ CIRDEP/IFAD/ EDI, Kathmandu, 18 Nov.-5 Dec. 1991.

International Integrated Resources Management Training with GIS Application, Colorado State University, Fort. Collins, Colorado, USA, 8-28 June 1991.

Forest and Administrative Management Training organized by Forestry Research Institute (FRI), Seoul, South Korea, 6-19 Nov. 1990.

Development Training and Communication Planning (DTCP), Bangkok, Thailand, 1980.

Publications

Manual of Important Woods of Nepal, The Training and Manpower Development in Community Forestry Management, Institute of Forestry/ International Tropical Timber Organization (IOF/ITTO) Project, Pokhara, Nepal, pp 45, March 1998.

Manual of Important Non-timber Forest Products (NTFPs) in Nepal, The Training and Manpower Development in Community Forestry Management, Institute of Forestry/ International Tropical Timber Organization (IOF/ITTO) Project, Pokhara, Nepal, pp 74, January 1998.

Information Collection Technique for Monitoring Forestry Development Programs/Projects in Nepal, In Bimba Annual; Nepal Student's Union, Campus Unit, Institute of Forestry, Pokhara Campus, Nepal, p 12-14, 1997.

Analysis of Forest Policy in Nepal, In The Prabhat, Special Forestry Issue published by All Nepal National Free Students's Union, Institute of Forestry, Pokhara, Nepal, p 9-16, 1997.

The Potential for Developing a Resin Industry in the Central Region of Nepal In The Nepal Journal of Forestry, Vol. IX No.1, p 51-55, Nepal Forester's Association, Nepal, 1996.

- Buffer Zone Management in Nepal: A Needs for To-day (Nepali version), In Buffer Zone development bulletin, Year2, Volume 2, p12-15, UNDP/HMG Nepal, 1996.
- An Analysis of Government Support for Agroforestry Program in Nepal, Mina Parajuli, Baneshwar, Nepal, pp63, 1995.
- Forest Policy, Legislation and Relevance of EIA In EIA of the Bara Forest Management Plan, IUCN (The World Conservation Union)/ FMUDP, Nepal, Vol II, Appendix 5. pp 16, 1994.
- Forest Watchers Issues in Plantations : An Analysis (Co-author), The Nepal Journal of Forestry , Vol. VIII, No.1, p 59-63, Nepal Forester's Association, Nepal, 1993.
- A comparative study on the actual status of User Group Forestry Program Implementation in selected Hills and Terai districts (Experiences, Divergence, Handicaps and potential), Churia Forestry Development Project, GTZ, Nepal, July 1993.
- Feasibility study of the Commercialization of Nurseries in the Terai, Nepal, Terai Community Forestry Project, 1992.
- Monitoring and Evaluation of Forest Operational Plans Implementation in the Terai Community Forestry Development Project, Nepal, Terai Community Forestry Project, 1992.
- Environmental Impact Assessment of District, Regional and National level development projects in Nepal, In a manual prepared for IUCN/Nepal on Environmental Education (Draft in Nepali) 1992.
- Analysis of the present status of Master Plan for the Forestry Sector (1988), Volume 1 (Awareness study), Agricultural Projects Services Center, Kathmandu, Nepal.
- The Ecology of the Selected Large Mammals on the Indian Sub continent: Interaction and Implication for Conservation Management, Australian National University, Canberra , Australia, pp 79. 1987.
- A consideration of the needs for Forestry Extension Programs (Community Forestry) in Nepal, (1987), Madhav Prasad Parajuli, Kathmandu, pp39.
- Award : Suprawal Gorkha Dakshin Bahu (Class III) Medal on His Majesty's 52nd auspicious birthday for outstanding works done in the field of Monitoring and Evaluation of the Forestry Development Activities in Ministry of Forests and Soil Conservation, Nepal, Dec. 1996.
- Gorkha Dakshin Bahu (Class IV) Medal on His Majesty's 37th auspicious birthday for outstanding works done in the field of Community Forestry at Sindhupalchowk district, Nepal, 1981.
- Membership: Member secretary, SAFE-concern (NGO dedicated to the Environment Conservation and Natural Resource Management including NTFPs), 1996.
- Nepal Forestry Association , 1973.

CURRICULUM VITAE

NAME : Surya Prasad Joshi
POSITION : Chief, Forest Products Development Section
OFFICE : Department of Forests
Babar Mahal, Kathmandu, Nepal
ADDRESS : Cha 2/445, Khursanitar, Kathmandu, Nepal
TELEPHONE : 4-15231
PLACE OF BIRTH : February 15, 1953
NATIONALITY : Nepali
SEX : Male
MARTIAL STATUS : Married
MOTHER TONGUE : Newari

OTHER LANGUAGES KNOWN: Nepali, English, Hindi

ACADEMIC STATUS

1. Bachelor of Science (B.Sc.) - 1973
Tri-Chandra College, Kathmandu, Nepal
2. Diploma in Forestry (AIFC) - 1976
Indian Forest College, DehraDun, India.
3. Master of Science (M.S.) - 1985
University of the Philippines at Los Banos, Philippines

TRAINING

- Training and Work Planning Workshop, Bangkok, Thailand (Two weeks, 1980)
- Mountain Forest Road and Harvesting Training, Austria (Four weeks 1981)
- Forestry Planning and Management, Institute of Forest Conservation, Los Banos, Philippines (Six weeks, 1988)
- Forest Administration, Kumanao - Inter Forest Association, Japan (Four weeks, 1991)
- Silvicultural and Operational Planning for the Management of Tropical Forests in South-East Asia, Indonesia (Four weeks, 1995)
- ITTO Training on Project Formulation, November 1998, Kualalampur

SEMINAR

- Seminar on Forest Fire Control, Indonesia (Three weeks, 1992)

WORK EXPERIENCE

March 1976 - December 1978 Afforestation Officer (Gazetted III) in the Afforestation Section, Department of Forests

Responsibilities

- supervision of central nursery and seed store
- field implementation of plantation program

December 1978 - October 1982 Forest Officer in the Tinau Watershed Project (HMG/HELVETAS/GTZ) Palpa, of the Department of Soil Conservation and Watershed Management

Responsibilities

- assist in forest inventory and preparation of Forest Management Plan
- assist in preparation of Watershed Development Plan
- field implementation of soil conservation activities eg. Tree, Grass, Hedge planting etc.

June 1985 - March 1988 Forest Officer (Gazetted II) in the Department Kathmandu

Responsibilities

- preparation of project proposals for International and Bilateral assistance
- assist in preparation of annual program and budget

March 1987 - January 1988 District Forest Officer in Ilam and Surkhet Districts

Responsibilities

- field implementation of the community program
- forest administrative works
- field implementation of the forestry component of K-BIRD project (HMG/CIDA)

January 1988 - December 1991 Planning Officer in Terai Community Forest Development Project (HMG/EEC/FAO/WB) Makwanpur

Responsibilities

- assist in the baseline survey and forest inventory
- preparation of forest management plan of Rautahat district
- monitoring and evaluation of the nursery and plantation program eg. agroforestry plantation and demonstration woodlots
- field implementation of community forest activities
- preparation of annual program and budget.

December 1991 - July 1992 Forest Management Officer in Forest Management and Utilization Division, Department of Forests.

Responsibilities

- assist in preparation of annual program and budget under the National and Leasehold Forestry Program (HMG/ADB)
- assist in the elaboration of guidelines for the implementation of Timber Stand Improvement and Shrubland Management under FMUDP (HMG/FINIDA)

July 1992 - May 1995 District Forest Officer in Rautahat and Kathmandu districts

Responsibilities

- field implementation and supervision of forest management activities in Rautahat district
 - implementation of pilot forest management activities in Rautahat include coordination with FMUDP (HMG/FINIDA)
- assist to conduct research in the field of timber stand improvement and shrub land improvement under FMUDP (HMG/FINIDA)
- field implementation of community forestry program
- forest administrative work

May 1995 to present Chief, Forest Products Development Section, Department of Forests.

Responsibilities

- assist in upgrading existing sale rules of forest products
- assist in policy formulation to ensure improved utilization of forest products.
- preparation of forest utilization guidelines e.g. harvesting schedules, transportation etc.
- monitoring the harvesting, forest products distribution and sales activities at the field level
- assist in management improvement of high valued and threatened non-timber forest tree species e.g. taxus, through its Task Force Study

- review and evaluate project proposal and environmental impact assessment report on NTFP'S based industry.

ADDITIONAL INFORMATION

- Participant in the workshop on Curriculum Development of Community Forestry and Training (FINNIDA/HMG) and Regional Training Workshop on Monitoring Techniques of Improved Stove Development Program (RWEDP/HMG) as an organizer in 1987.
- About 1 year, Managerial experience in forestry development project in Terai Forestry Project.
- About 10 years field experience of working with International and Bilateral Projects (FAO/Helvetas/GTZ/FINNIDA/DANIDAWB) in forestry and Watershed Management s team member.
- Participated as a team member in the study EIA of the Bara Forest Management Plan, Nepal FMUDP/IUCN.
- Experience as Board of Director in the institution ; Timber Coroporation of Nepal/Nepal Housing Development Company Ltd.

PUBLICATION

1. Seed Collection Times for Afforestation Species in Nepal (Co-author), Tech Note 1/78, NAFFP, 1978, Kathmandu.
2. Development Plan for Kulekhani Watershed (Co-author) Watershed Management and Conservation Education Project (HMG/UNDP/FAO), 1982, Kathmandu.
3. Plantation Survey in the Terai District, Terai Community Forestry Development Project (HMG/FAO/EEC/WB), 1991, Hetauda.
4. Guidelines for Forest Utilization Operations for Implementation of Operational Forest Management Plans in the Terai. Forest Management and Utilization Development Project (HMG/FINNIDA), 1995 Kathmandu.
5. Silvicultural Guidelines for Implementing Operational Forest Management Plans in the Terai. Forest Management and Utilization Development Project (HMG/FINNIDA), 1995, Kathmandu.
6. Community Forestry Development Manual (Co- author) Community and Private Forest Division Department of Forests (HMG/DANIDA/ICIMOD), 1995, Kathmandu.

Curriculum Vitae

Name: Kumud Shrestha

Date of Birth: July 27, 1957

Areas of Specialization:

Community Forestry
Project Formulation
Watershed Management
Agroforestry

Experiences:

1991 to January 1999: Planning Officer, Planning Division, Ministry of Forests and Soil Conservation.

Involved in different activities:

- **Preparing project proposals** e.g., recently a project proposal on *non timber forest products management* is prepared and submitted to International Tropical Timber Organization, Japan on behalf of MFSC.
- **Preparing project document** e.g., *Forestry Resources Management Program*, Program Preparation Report is prepared for the World Bank in 1998, on behalf of Forestry Research and Survey Center, MFSC.

Other routine responsibility includes

- **Planning of district and central level forestry projects** especially program budgeting through annual planning workshop and program reviewing according to HMG guidelines
- **Coordinating** with National planning Commission, Ministry of Finance and different donor agencies

Other responsibilities are

- **Preparing project brief** for high official in the Ministry
- **Communicating to different donor agencies** involved in different forestry projects
- **Reviewing different donor assisted projects**

1981-1989: Community Forestry Officer, Community Forestry Development Project

During that time my **responsibilities include conducting and supervising different community forestry field activities** like identifying community forest area, nursery establishment, nursery management, plantation, weeding, forest demarcation. Also includes preparation of participatory community forest operation plan. **Advise local people on participatory bottom up planning and implementation**, constructing soil conservation measures like brushwood check dams using locally available material like bamboo and stones and also planting grasses and trees as biological measures of soil conservation. Also involved in different aspects of improved cook stove program like training of stove producers, promoters and users and conducting several stove use surveys. Extensive field visits were made in 29 hill districts under the project.

Member HMG/DANIDA Community Forestry and Training Project Review Team, August 1995.

Member HMG/ODA Nepal UK Community Forestry Project Mile Stone Review Team, February 1996.

Education:

MS. 1991, State University of New York, Syracuse with Grade Point Average 3.87. Main Subjects studied are watershed management, hydrology, advanced silviculture, tropical forestry, geographical information system, **social aspects of forestry development, community forestry** etc.

AIFC / Diploma in Forestry 1981, Indian Forest College Dehradun. Main subjects studied are soil conservation, watershed management, silviculture, forest management, forest utilization, surveying, forest mensuration, forest protection etc.

B.Sc. 1979, Tribhuvan University, Kathmandu. Subjects studied are statistics, mathematics, physics.

Other skills:

Recently trekked from Khadbari to Tehrathum and Tehrathum to Dhankuta. Waking every day 6 km. in one hour. Has driving license. Skills in using common software like Word Perfect, Words, Excel, Lotus, etc.

Publication:

Published several technical papers on forestry and cook stoves, which demonstrate **skill of report writing**, these include

Technical and Social Aspects of Agroforestry in Nepal: An Analytical View, published by **Forestry Development Project/USAID**, August 1992. This paper is synthesis of all agroforestry activities conducted in different parts of the world in relation to Nepalese condition with 97 international references.

Deforestation and Agroforestry. A paper submitted in the University of Adelaide, Australia in June 1995. This paper argues how agroforestry can be one of the best solutions to deforestation and land management. Much information is also updated from previous paper.

Training:

Forest Policy and Impact Assessment Training, Ho Chi Minh City, May 1996. This training include advising different economic tools like different type of tax and subsidy and analyzing their impact in local and national level.

Diploma in Environment Management, University of Adelaide, South Australia in February - June 1995. The training was on different aspects of environmental issues like deforestation, soil and watershed conservation, biodiversity, environmental law, environmental economics, environmental policy etc.

- ITTO Training on Project Formulation, November 1998, Kualalampur

Curriculum Vitae

Name: KRISHNA PRASAD POKHAREL

EDUCATION:

Institute of Forestry Pokhara, TU, Nepal Bachelor of Forestry Science, First division, 1986

University of Philippines at Los Banos, Philippines Master of Science in 1995 Forestry (Social Forestry First Division

PROFESSIONAL EXPERIENCE:

Assistant Planning Officer (APO), October 1998 – Current, Foreign Aid coordination Division
Ministry of Forests and Soil Conservation.

Assistant Planning Officer (APO) June 1996- October 1998 Planning Division, Ministry of
Forests and Soil Conservation

Planning Officer 28 Dec. 1995- May 1996 Hills Leasehold Forest and Forage Development
Project, DOF

District Forest Officer (DFO Feb. 1990 to Aug. 1993 District Forest Office, Bhojpur District,
Koshi, Nepal

District Forest Officer (DFO) June 1989 Feb.1990 District Forest Office Biratnagar, Morang,
District

Assistant Forest Officer (AFO) May 1986, Terai Community Forestry Project, District Forest
Office, Morang District

Other Experience:

- Managing and conducting participatory training and workshops.
- Community organization and implementing Community Development program.
- Experience on Objective Oriented Project Planning technique (ZOPP).
- Strategy on Bio-diversity Conservation program.
- **Study and research on community based sustainable development programs.**
- **Designing project proposal and Documents.**

FIELD OF INTEREST

- Rural/Community Development,
- Social/Community Forestry,
- Conflict Resolution in Natural Resources Conservation,
- Extension & Training; and
- Management of Non-Timber Forest Products (NTFPs).

Annex-7

Terms of Reference (TOR)

His Majesty's Government (HMG) of Nepal, with a concern to sustain forest management, improve environmental degradation and sustain the Terai economy, request to ITTO for assistance to prepare project proposal for implementing Promotion of Non-timber Forest Products in the Terai region of Nepal.

The Master Plan for Forestry Sector (MPFS) 1989 aims to manage and conserve non timber forest products in sustainable manner to increase the income of the local people. In addition, Ninth Five year plan (1997-2002) has also given emphasis on preservation, cultivation, promotion and expansion of non-timber forest products.

In line with the objective of pre-project, specific Job of the Coordinator will be;

1. Manage the teams to perform the tasks according to ideas specified in the pre-project proposal.
2. Coordinate and consult with relevant agencies to obtain necessary information and action.
3. Develop the project proposal for sustainable management of non-timber forest products resources and generate additional income to local people.
4. Supervise over all implementation process and activities to achieve the specified outputs.
5. Complete the project proposal after one year and submit ITTO.
6. Monitor and evaluate the pre-project activities according to guidelines of ITTO.
7. Manage the whole activities with the guidance of Secretary, Ministry of Forests and Soil Conservation.

Composition of the team

Coordinator: Mr. D.P. Parajuli, Chief Foreign Aid Coordination Division

Members: Mr. S.P. Joshi

Mr. Kumud Shrestha

Mr. B.R Paudel

Mr. Krishna Prasad Pokharel

Annex- 8

Change Made according to Recommendation Eighteenth Expert Panel (23-27) August, 1999.

Whole pre-project is revised and improved based on the Panel's recommendations. Text and annexes are prepared by using Arial Font of size 10. All changes and improvement are underlined.

1. All activities including Out put 1.1 and 1.2 are fully estimated in US \$ and presented in annex 1 and 5 according to ITTO format.
2. Rechecking and calculation are done and revised carefully.
3. CVs and Terms of reference (TOR) are included in Annex 6 and 7. Consultants detail TOR and CVs will be forwarded during the pre-project implementation
4. Grammar and spelling checking is done thoroughly.