



# Nepal Development Marketplace 2008

## SECTION I: YOUR PROJECT PROFILE

<b>Project Details</b>	
Proposal Number (provided by Nepal Development Marketplace 2008): <b>1052</b>	
Title of your project proposal: <b>Community Seed Bank for Growth of Agriculture Productivity</b>	
Proposed title for your project banner at the Nepal Development Marketplace 2008 (50 Characters or less). <b>FOOD SECURITY THROUGH 'QUALITY SEED : QUALITY CROP'</b>	
Region of Implementation in Nepal: <b>9 VDCs of Dolakha District (VDCs: Japhe, Malu, Melung, Namdu, Jungu, Lamidada, Laduk, Pawati, Phasku)</b>	
Total Project Cost: <b>NRs. 1,829,000</b>	
Amount requested from Nepal Development Marketplace 2008 (note: you cannot exceed the amount you have previously indicated in the concept paper):	In Words: <b>Fourteen Lakh Eighty Seven Thousand Rupees</b>
	In Numbers: <b>NRs. 1,487,000</b>
Primary Sector of your Proposed Project : <b>Agriculture, Irrigation and Food Security</b>	

## SECTION II: YOUR CONTACT INFORMATION

<b>Applicant's Details</b>	
Name Of Your Organization/Institution: <b>Community Development Forum (CDF), Nepal</b>	
Classification Of Your Organization/Institution: <b>Local NGO</b>	
Describe your Organization (63 of Minimum 50 words):  <b>CDF established with its slogan 'Dedicated to Social Development'. The main objective of the organization is to work on promoting agriculture, education, health and employment. To its objective, CDF aims to contribute on achieving national goal of poverty reduction by increasing agricultural productivity through improved technology. We believe that Agriculture is the lifeline of our nation, so our organization involved improving agriculture technology.</b>	
Contact Person: <b>Raju Thapa</b>	Title: <b>Chairperson</b>
Address: <b>Bhimeshwor Municipality-10, Charikot, Dolakha</b>	
Office Phone #: <b>049-421589</b>	Mobile #: <b>9841 494427</b>
E-Mail: <b><a href="mailto:ecrcnepal@ntc.net.np">ecrcnepal@ntc.net.np</a></b>	
Name Of Your Primary Partner Organization/Institution: <b>Rural Development Tuki Association (RDTA), Dolakha</b>	
Classification Of Your Partner Organization/Institution: <b>Local NGO (Farmers' network organization)</b>	
Describe your Partner Organization's Role (52 of Minimum 50 words): <b>RDTA is one of the established and lead farmer based organization working in the district since 1990. The organization has strong and experienced farmers' network in the field of agricultural production with its identity in vegetable production. This organization is involved in seed production and distribution. It works all over the district.</b>	
Contact Person: <b>Purshartha Shrestha</b>	Title: <b>Program Coordinator</b>
Address: <b>Bhimeshwor Municipality-1, Charikot, Dolakha</b>	
Office Phone #: <b>0049-42112/421009</b>	Mobile #: <b>9741 054933</b>
E-Mail: <b><a href="mailto:rdta@ntc.net.np">rdta@ntc.net.np</a></b>	

## **SECTION III: YOUR PROJECT DETAILS**

### **Project Details**

#### **PROJECT SUMMARY: (Word limits 250).**

The aim of the project is to support on poverty reduction by increasing agricultural productivity providing quality seed to the farmers. The project is trying to implement the concept 'Quality seed, Quality Production' in the rural area. For this it has envisioned to increase quality seed access to farmer community especially focusing to Dalit, Ethnic, Poor and Conflict victims by establishing 'Community Seed Bank'. Farmers' skill on seed collection, protection, storage and distribution will be enhanced to increase seed access and production.

For addressing to reduce environmental hazards, organic treatment method will promote by gradually discouraging over use of the chemical products.

At implementation stage, 9 plant clinics, 9 seed clinic, 9 seed bank and 1 seed cooperative will operate by organizing 9 targeted VDCs in 36 sub groups where 540 primary households will benefit from the project. Participatory action research on the difference of productivity between traditional and technical methods of seed protection will start within project duration in participation of farmers and agricultural experts.

## **SECTION IV: PROJECT QUESTIONS**

### ***Project Question 1***

**What is the problem(s)/issue(s) your project is addressing? What are the causes of the problem? (Maximum 500 words)**

The concept 'Quality seed for Quality Production' is not broadly extended up to the remote villages though agriculture has said 36% contribution in the GDP (Economic survey 2063/64). The annual demand of improved seed of paddy, wheat and maize in 2005/06 shows 3462 MT (Statistical Pocket Book, 2006) which is high but still scientific production and protection of quality seed has not sufficiently developed. In rural area, almost of the farmers are still unaware about basic knowledge of quality seeds for quality production.

In Dolakha district, the productivity rate except millet is below national average. District have 56,623 ha. agricultural land and that are surviving from traditional cultivation system. DADO is providing seed only for demonstration purpose which enough has not met the need. Almost of the farmers are protecting and germinating seeds in traditional method which is scientifically not better in quality. Rest of the farmers, in large number is using seeds of the crop stored for daily consumption. This trend has decreasing the productivity.

This project has designed to address above mentioned issues. The main cause behind this problem is the lack of seed bank. In the district, the organized and standard seed banks are not developed yet. This project will address the issues by establishing community seed bank in an organized and standard form.

### ***Project Question 2***

**How does your idea address the problem(s)/issue(s) described above in terms of securing peace through development, delivery of basic services and expanding livelihood opportunities to rural population? (maximum 500 words)**

Following services will provide to the targeted community to address the identified problems:

**i. Technology:**

seed production, harvesting, sorting and storage technology will handover to the farmers based on available local resources.

**ii. Skill:**

Seed production cycle training will given to the farmers in modular basis.

**iii. Promotion and regulation:**

to reach 'Quality seed for quality production' concept to farmers, establish and operation of community seed bank, seed tour, seed fare, Relatives Gift Program, operational guideline, farmers field school, farmer to farmer activities will be operated.

**iv. Capacity:**

participatory action research approach will adopt for increasing farmers' capacity. Local farmers will promote as seed doctor and seed nurse. The seed doctor will check quality and refer pathogenic sample to the agronomist and lab for diagnosis. The seed nurse will responsible for plot mapping, seed propagation and care to the germination.

**v. Management:**

Seed bin will be distributed to community seed bank and that will make sustainable use through cooperative.

**vi. Production growth:**

The food security will increase in the low production and remote area through increased production due to accessible distribution of quality seeds.

**vii. Support to peace promotion:**

The project will generate direct and indirect employment as well as developing cooperative/community working system will result in community conflict transformation into peace.

**Project Question 3**

**How will you implement your idea? Describe in detail each of the activities/steps that your project will undertake to meet its objective(s). (Maximum 600 words). Please provide a corresponding timeline in a separate sheet.**

***Following activities will be accomplished to achieve the project objectives:***

- i. Establish Plant Clinic for plant treatment**
- ii. Establish Seed Clinic for seed protection and treatment**
- iii. Establish Seed Bank for quality maintain and secured storage**
- iv. Capacity building:**
  - a. Seen bin distribution for quality protection of the seed
  - b. Seed mapping and demonstration plot management
  - c. Seed march with Information and Education materials to aware about seed importance
  - d. Seed treatment training to farmers to make them self help farmer
  - e. Pest management tainting to protect crop from destruction
  - f. Participatory research for ensuring and empowering farmers on the use of quality seed
- v. Promotion and operation:**
  - a. District level Seed fare to create mass aware on seed protection
  - b. Farmers field school classes will operated at local to provide agricultural technology
  - c. Farmer to Farmer knowledge, skill sharing activities will be operated
  - d. Dissemination and publication materials on seed protection will be developed and distribute

- e. Website will be uploaded and initiate E- business for wider publicity of the concept
- f. Seed Cooperative will be established organizing all seed bank
- g. Operational Guideline will be prepared for operating seed bank and cooperative

**Time line is attached in Annex-2**

#### **Project Question 4**

**How is your idea innovative or different from existing approaches that are addressing the problem(s)/issue(s) you have described in question one? Why did you choose this particular approach? To your knowledge, what on-going efforts exist in this area that addresses this problem? Has your idea been implemented elsewhere or in a different context? If so, where? What specific characteristics of your project idea demonstrate that you are applying a novel/pioneering approach? (maximum 700 word)**

##### **i. Characteristics of innovation**

- a. Establishment of plant clinic beside animals
- b. Improve and control seed quality through Plant and Seed clinic
- c. Production of seed doctor and seed nurse for the clinic
- d. Scientific storage of the seed by community in organized system
- e. Dissemination and publicity through seed exchange to relatives (Gift program)

##### **ii. Reason of idea selection**

- a. To control further decreasing of the productivity due to lack of quality seed availability
- b. To develop seed production and storage by community in an organized system
- c. To start field plotting for seed production
- d. To start seed treatment practice by community
- e. To extend the concept 'quality seed for quality production' to all farmers

##### **iii. Expected outcomes**

- a. The demand and need of quality seed will fulfill easily
- b. Seed bank will sustainable managed by community
- c. Community approach and cooperation culture will promote
- d. Village level technical human resource will develop for seed production
- e. Creates partial employment

##### **iv. Replicable areas**

- a. After its successful piloting, the project can be extend to Sahare, Ghyang, Kabre, Bhedpu, Bhimeshwar municipality of Dolakha district and Phulasi, Khimti, Pharpu, Tilpung, Gelu VDCs of Ramechhap district.

##### **v. Project significance**

- a. Capacity enhancement of the farmers on adapting improved seed and farming technology
- b. Institutional development (seed bank) for seed production and protection
- c. Increase participation of women, backward, Dalit and conflict victims
- d. Develop rural area for self dependency on quality seed
- e. Treatment of plant and seed through plant and seed clinic

### **Project Question 5**

**What is your/your organization's role in implementing the project idea? Provide a brief description of your;/your organization's activities and experience in the area/sector of the project. What is the particular capacity of your organization in implementing the project idea? (Maximum 300 words)**

**i. Organization's role**

- Coordination with relevant stakeholders
- Monitoring and evaluation
- Volunteer mobilization
- Support to local organizations and community

**ii. Organization's experience**

- 4 seed banks established in other VDCs of Dolakha supported by NARDF
- 4 seed clinics established in the seed bank community supported by Youth Division of the Ministry of Education and Sports.
- Performed sustainable agriculture and forest management activities in the district supported by DDC Dolakha
- Performed community forest management activities in the district supported by Nepal Swiss Community Forestry Project

**iii. Organization's capacity**

- The organization has required experience on implementing similar project as it has capable human resource to undertake the job. For the proposed project, organization has following human capacities:

<b>S.N.</b>	<b>Name</b>	<b>Qualification</b>	<b>Experience</b>
1	Udit Prakash Siktel	B.Sc. (Ag.)	Crop Variety
2	Rita Pande	B.Ed.	Agriculture Diffusion Methods
3	Raju Thapa	B.A.	Organic farming
4	Rajan Shrestha	M.B.S	Market Promotion
5	Harisaran Bhattarai	TSLC	JTA
6	Nirmala Khadka	TSLC	JTA

### **Project Question 6**

**Who will be proposed project team leader? This person will be the key contact person between Nepal Development Marketplace 2008 team and your project team. Describe the experience/background of the project team leader with regard to implementing the above mentioned project idea. Please enclose curriculum vitae of the proposed project team leader. (Maximum 200 words).**

**Mr. Udit Prakash Sigdel** is the experienced candidate in area of agriculture field. He had taken On The Job Training (OJT) in Israel.

The Team Leader has following experience and capacity to undertake the responsibility:

- Agro-Forestry Coordinator:** ECARDS, Dolakha.
- Coordinator:** Community Health Action for Development (CHAD) on integrated community development program from 2002 to 2003.

*The curriculum vitae of the team are attached in Annex 3.*

### ***Project Question 7***

**What is the role of your primary partner organization in implementing the project idea? Please provide a brief description of your primary partner organization's activities in the area/sector of the project. What is the history of collaboration between your organization and your partner(s)? Is there a formal agreement for partnership on this project? Please enclose a copy of your agreement. (Maximum 200 words)**

**i. Role of Primary Partner**

- a. Coordination among CBOs/networks
- b. Coordination for seed production and marketing
- c. Mobilize CBOs on seed dissemination
- d. Provide and coordinate for technical support to CBOs
- e. Provide and coordinate relevant data, information for feasibility survey
- f. Participate in Farmer to Farmer activities

**ii. Partner's activities in the project area**

- a. Organizing and mobilizing farmers
- b. Operated kitchen garden in Malu, Melung and Jugu VDCs
- c. Seed production program operated in Lamidada, Meling, Japhe, Pawati, Phasku, Namdu, Laduk and Jugu
- d. Operating sustainable soil management program in Phasku and Jugu
- e. Capacity building of the farmers on agricultural and institutional development
- f. Technical backstopping on vegetable, seed and fruit production
- g. Market coordination for the agricultural products

**iii. History of collaboration**

The collaboration has been continuing with present primary partner on similar program since 2007. The Seed Bank and Seed Clinic program supported by NARDF and Youth Division of MoES were implemented in collaboration with same partner. The collaboration was also functional in sustainable agriculture and forest management activities in the district.

The formal agreement has made for this project implementation (see attachment).

### ***Project Question 8***

**Who are the principal beneficiaries of the project activity? Please describe the degree of acceptance that the project has among beneficiaries and the level of participation, if any, of the beneficiaries in the project. (Maximum 300 words)**

**i. The principal beneficiaries:**

By number, 540 households of 9 VDCs from 36 Toles and by social group, Seed producers, Women, Dalit, Ethnic, Conflict victims are the principal beneficiaries of the project.

**ii. Acceptance and participation of beneficiaries :**

By relation, primary partner is working with agriculture farmers of all VDCs in the district since 15 years mainly in organizational and technical capacity building. The farmers' empowerment through participatory approach has established this organization a well reputed among the farmers. By proposed program, the quality seed production is directly related with productivity increase of the individual households. So, the beneficiaries will openly accept and highly participate in the project activities including their labour contribution.

### **Project Question 9**

**What are the expected outcomes/results of your project? How are they measurable? How do these results/outcomes help your targeted beneficiaries? If possible, indicate how many beneficiaries your project expects to reach. How Nepal Development Marketplace 2008 measure project success should after implementation is complete? (Maximum 300 words)**

#### **i. Project's Expected Results**

- a. Supply of quality seed (in and out) to farmers in reasonable price
- b. 36 village/tole are self dependent in quality seed
- c. 9 Seed Bank established with each one as an pocket area for specific species
- d. 18 people directly involve in partial employment
- e. Established and operation of 1 seed cooperative
- f. 540 households are directly benefited (1 Bank 60 households, 1 tole 15 households)
- g. 15 species seed are collected, preserved and distributed
- h. Sustainable management of the Seed Bank in community participation

#### **ii. Measuring indicators**

- a. Increase of agricultural production (baseline monitoring)
- b. No. of Seed Bank established
- c. Accessible availability of seed
- d. No. of semi employees
- e. Productivity monitoring

#### **iii. Targeted beneficiaries**

- a. 540 households of 9 VDCs from 36 tole as mentioned above

#### **iv. Success measurement by NDM**

- a. Monitoring and Evaluation record
- b. Field visit
- c. Activities' record

### **Project Question 10**

**What characteristics of your project would you highlight to suggest that it is sustainable beyond the phase funded by Nepal Development Marketplace 2008? Please describe both organizational sustainability and financial sustainability, and indicate specific details (agreements from other donors, projected revenue flows) that can be verified to suggest that your project is sustainable and can leverage Nepal Development Marketplace 2008 funding. (Maximum 400 words)**

The project sustainability beyond NDM support: The developed institutions and regular income will be the major source of the project which will generate from the following source:

- The sale commission earned by Seed Bank
- Service fee from Seed Doctor and Seed Nurse
- Dividend earned by Seed Cooperative
- Grant supported by NARDF and other agencies

Institutionally, the community seed banks and seed cooperative will be established as a strong base for farmers' institution which will work in close collaboration with the primary partner Rural Development Tuki Association.

### **Project Question 11**

**What is the possibility of implementing your idea/project elsewhere (in different parts of the county)? (Maximum 200 words)**

After the success of piloting phase the project can be extended to Sahare, Ghyang, Kabre, Bhedpu, Bhimeshwar municipality of Dolakha district and Phulasi, Khimti, Pharpu, Tilpung, Gelu VDCs of Ramechhap district.

## **SECTION V: PROJECT COST QUESTIONS**

### **Project Cost Question 1**

**Briefly describe expenses in each of the categories that you have submitted in your proposal (total maximum- 500 words)**

S. N.	Activities	Unit	Qty.	Rate	Total Amount	NDM	Org. Contrib.
<b>1</b>	<b>Personnel</b>						
1.1	Team Leader	No/M	1x12	15000	180,000	156,000	24,000
1.2	Field Coordinator	No/M	1x12	10500	126,000	108,000	18,000
1.3	JTA	No/M	1x12	7500	90,000	78,000	12,000
1.4	Office Assistant	No/M	1x12	4500	54000	48,000	6000
	<b>Sub Total</b>				<b>450,000</b>	<b>390,000</b>	<b>60,000</b>
<b>2</b>	<b>Materials and Equipment</b>						
2.1	Seed Bin	No	65	4500	292,500	250,000	42,500
2.2	Seed Bank Management	No.	9	7000	63,000	48,000	15,000
	<b>Sub Total</b>				<b>355,500</b>	<b>298,000</b>	<b>57,500</b>
<b>3</b>	<b>Training &amp; orientation</b>						
3.1	Farmer orientation	No	9	5000	45,000	40,000	5,000
3.2	Survey/Analysis	No	9	2500	22,500	15,000	7,500
3.4	Seed producer group formation	No	36	1800	64,800	46,800	18,000
3.5	Seed treatment training	No/D	72X5	500	180,000	150,000	30,000
3.6	Pest management training	No/D	72X2	500	72,000	60,000	12,000
3.7	Seed mapping	No	9	5000	45,000	40,000	5,000
3.8	Seed selection training	No/D	80X2	250	40,000	24,000	16,000
	<b>Sub Total</b>				<b>469,300</b>	<b>375,800</b>	<b>93,500</b>
<b>4</b>	<b>Capacity building</b>						
4.1	Farmers field school (FFS)	No	9	7000	63,000	43,000	20,000
4.2	Farmer to farmer (F to F)	Lumpsum			52,200	40,200	12,000
4.3	Participatory research	Lumpsum			63,000	60,000	3,000
	<b>Sub Total</b>				<b>178,200</b>	<b>143,200</b>	<b>35,000</b>
<b>5</b>	<b>Promotion &amp; regulation</b>						
5.1	Seed fair	Lumpsum			55,000	40,000	15,000
5.2	Seed march	Lumpsum			45,000	30,000	15,000
5.3	Publication	Lumpsum			40,000	25,000	15,000
5.4	Website upload	Lumpsum			30,000	20,000	10,000
5.5	Bylaw preparation	Lumpsum			18,000	10,000	8,000
5.6	Cooperative establishment	Lumpsum			15,000	10,000	5,000
	<b>Sub Total</b>				<b>203,000</b>	<b>135,000</b>	<b>68,000</b>
<b>6</b>	<b>Peace promotion</b>						
6.1	Reintegration and rehabilitation support	Lumpsum			30,000	25,000	5,000
	<b>Sub Total</b>				<b>30,000</b>	<b>25,000</b>	<b>5,000</b>

S. N.	Activities	Unit	Qty.	Rate	Total Amount	NDM	Org. Contrib.
7	Travel						
7.1	Study tour	Lumpsum			55,000	40,000	15,000
	<b>Sub Total</b>				<b>55,000</b>	<b>40,000</b>	<b>15,000</b>
8	Evaluation/monitoring	Lumpsum			25,000	20,000	5,000
	<b>Sub Total</b>				<b>25,000</b>	<b>20,000</b>	<b>5,000</b>
9	General administration	Lumpsum			63,000	60,000	3,000
	<b>Sub Total</b>				<b>63,000</b>	<b>60,000</b>	<b>3,000</b>
10	Other funding sources				-		
	<b>Grand Total</b>				<b>1,829,000</b>		<b>342,000</b>
11	<b>Total Nepal Development Marketplace 2008 funding requested</b>					<b>1,487,000</b>	

### ***Project Cost Question 2***

Please explain clearly any non-Nepal Development Marketplace 2008 funding that your project is receiving or will receive and indicate their contributions. To the extent possible, please indicate the names of the other donors and the amount they will be contributing to your project and what the funds would be used for.

Please mention all fund sources that are anticipated but NOT confirmed as yet too. (maximum 250 words)

**Following Non-NDM fund were received to implement the project on similar concept:**

- Rs. 500,000 from NARDF to Community Seed Bank for Quality seed supply project on February 2008.
- Rs. 82,000 from Youth Division of MoES to Seed Clinic for Quality seed production project on March 2008.

The above funds were received and used in the program of other VDCs than the above proposed project. Other funds in recent future has not confirmed with any agencies.

### ***Project Cost Question 3***

**If your project is generating any revenue from its activities, please describe. (maximum 150 words)**

After the responsibility hand over to the Seed Bank and Cooperative farmers, the project will generate revenue from the sale of seed by Seed Banks. The commission gained from the sale will be group's income. The farmers' will operate business by preparing financial policy (purchase, sale, profit distribution, administration cost) and scheme.

### ***Project Cost Question 4***

**Please enclose your organization's audited current and a one-year projected income statement and balance sheet.**

**See attachment - Projected Income Statement**

## **SECTION VI: ADMINISTRATIVE INFORMATION**

### ***Administrative Information Question 1***

NEPAL DEVELOPMENT MARKETPLACE 2008 will only accept applications in English for review. If your proposal is in Nepali, please enclose the original version for reference. The Nepal Development Marketplace 2008 team will only review this to clarify any potential ambiguities in the English version

**ATTACHMENT:**  No

### ***Administrative Information Question 2***

**Have you ever received a grant from any Word Bank grant program?**

No

### **Administrative Information Question 3**

**How did you find out about the Nepal Development Marketplace 2008? (maximum 50 words)**

The NDM 2008 information accessed from PIC, Television and Kantipur Daily.

### **SECTION VII: REQUIRED ATTACHMENTS**

#### **Attachments to be included:**

1. Applicable drawing.
2. Corresponding timeline.
3. Curriculum vitae of proposed project team available.
4. List of Project Management Team/Staff.
5. List of Board of Members of your organization.
6. Copy of formal partnership agreement
7. Audited current and a one-year projected income statement and balance sheet.
8. Your organization's and your partner's registration certificates.
9. Original version of your proposal (if written in Nepali).

***I certify that the information provided is true and correct. By signing this document, I confirm our organization's participation to the Nepal Development Marketplace on May 05, 2005.***

  
.....  
Signature  
(Chairperson)



Date : 17 June, 2008