



## Format/Topics of Full Project Proposal to be submitted by Research applicants

भरतप्रसाद कडेल  
आयोजना कोअर्डिनेटर

**Introduction:**

**Rationale of the research/study:**

**Justification of the research/study:**

**Objectives:**

**Outputs:**

**Outcomes:**

**Activities:**

**Material and Methods:**

**Result:**

**Implementation modality:**

**Job and responsibility:**

**Action Plan and time duration of the project:**

**Up-scaling and dissemination of the results:**

**Budget Category description:**

**References:**

**Note:** Full Project Proposal must reflect research theme, justification, objectives, expected outputs, clearly focussed detailed activities, implementation modality, responsibility, target community, action plan with timeframe, expected result, up-scaling and dissemination of result, budget categories details and technology related references. Also must submit available technical manpower details to conduct the research. FPP should be as long as 1500 words describing clearly the detailed work of research.

### **Research Thematic Area:**

1. Field Crops (wheat, spring maize, spring rice, main season rice) new Production Technology generation
2. Horticultural Crops (vegetables, litchi, banana, pomegranate, mango)
3. Agricultural mechanization impact study assessment
4. Thematic studies on farm economics and IPM
5. Plant nutrient management and soil productivity enhancement related new technology generation.
6. Climate change impact study in agricultural crops and its mitigating technology generation.

### **Geographical area of research works:**

Tikapur Municipality ward no. 1-9, Janaki Rural Municipality ward number 1-9 and Lamki Chuha Municipality ward number 3, 5 and 7 of Kalali district of Nepal.

### **Time Period:**

Research conduction and final report submission to Rani Jamara Irrigation project, Agriculture Component implementation unit, Tikapur, Kailali not later than 2078/03/20 (4<sup>th</sup> June 2021 A.D)



**Eligibility of applicants:**

Registered and recognized institutions, Agriculture Colleges, Universities, Nepal Agricultural Research Council (NARC), international research organizations which have been mandated to carry out research in agriculture development.

Technical Manpower to conduct the research works:

Minimum eligibility of research manpower criteria for applying research works:

Designation	Qualifications	Number of Manpower	Experiences
Principal Researcher	Minimum Master degree in Agricultural Science	1	Minimum 5 years working experience in agricultural research or teaching related Field.
Assistant Researcher	Minimum Master degree in Agricultural Science	2	Minimum 3 years working experience in agricultural research or teaching related Field.
Research Fellows	Minimum Bachelor's degree in Agricultural Science or related disciplines	4	Minimum 2 years working experience in agricultural research or teaching related Field.
Junior Field Staff	Intermediate Level in agricultural field	5	

Updated curriculum vitae of principal researcher and research team members should submit with project proposal.

**Budget Criteria:**

Project will provide support to registered and recognized institutions, which have been mandated to carry out research in the agriculture development. Grants shall not be used for construction of buildings, purchasing vehicles. Total budget for research work will be not more than NRs.25,00,000/- (Twenty five lakhs) only. Part of the money can be invest in workshop, training, field visits, broadcasting, research trial conduction, monitoring, research inputs and material purchasing, data collection, processing, analysis, software development, report writing, research finding publications, result dissemination and up-scaling, technical manpower management etc. as per need which may be clearly reflected in the full project proposal. Budget investment sharing and participation from other partner organization in proposed research work is highly appreciated. Detailed budget breakdown of activities with price rate and amount should be submitted in budget description and tentative breakdown of budget should follow as per given below activities.

S.N	Activities/categories	Number of events	Description of investments	Total Cost (NRs)
1	Inception workshop, Site and Farmers Selection	at least 3	Snacks for participants, DSA, Hall Rent, Vehicles Rent, Stationeries, Trainer's fee, and other management	255000
2	Training, Workshops, Field visits, Monitoring, Research Trial Conduction	at least 30	Snacks for participants, DSA, Hall Rent, Vehicles Rent, Stationeries, Trainer's fee, and other management	460000
3	Purchase of Research Inputs, Tools, Materials etc.	as per need	Research related Inputs, tools and materials as per need	855000



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Cost  
(NRs)

S.N	Activities/categories	Number of events	Description of investments	Cost (NRs)
4	Data Collection, Data Entry, Software, Processing & Analysis etc.	as per need	man power, Desktop, software, snacks etc.	280000
5	Report Writing, Preparation and Printing	as per need	Report Preparation, Printing, binding, expert fee etc.	100000
6	Up-scaling and Result Dissemination program	at least 3 time	Hall rent, stationeries, DSA, Finding Publications at least 200 copies	225000
	Total Cost			2175000
	Contingency @15.0%	as per need	Technical manpower fee and management	326250
	Grand Total			2501250

Applicant can invest part of budget in above mentioned sub categories but minor change can be made as per project proposal and relevancy. detailed breakdown of budget

#### Research project implementation procedure:

Research work will be conducted as follows; (a) inviting project concept notes (PCN). (b) Submission of clear PCN. (c) Screening of PCN through the selection committee. (d) Inviting Full Project Proposal (FPP). (e) Field verification and /or reference checking as per appropriate of the selected proposals. (g) Final selection and notification. (g) Signing of an agreement (MoU). (h) Notification to those that are selected with justification.

#### Address and contact details:

Applicant must mention organization address, principal researcher's contact address, telephone number, Fax/e-mail and collaborating organizations /partners details. Applicant must submit MoU with collaborators to accomplish proposed activities.

#### Submission of FPP:

bound 3 hard copies and soft copy of FPP must be submitted in the Project.



## Format/Topics of Project Concept Note to be submitted by Research applicants

*Prasad*  
भरतप्रसाद कडेल  
आयोजना कोअर्डिनेटर

**Introduction:**

**Rationale of the research/study:**

**Justification of the Research/study:**

**Objectives:**

**Outputs:**

**Outcomes:**

**Activities:**

**Material and Methods:**

**Result:**

**Implementation modality:**

**Time period of the research project:**

**Up-scaling and dissemination of the results:**

**Budget description:**

**References:**

**Note :** Project concept note must reflect research theme, justification, objectives, expected outputs, clearly focussed activities, implementation modality, responsibility, target community, expected result, up-scaling and dissemination of result, budget details and technology related references. Also must submit available technical manpower details to conduct the research. PCN should be as long as 1000 words describing clearly the concept of research.

### **Research Thematic Area:**

1. Field Crops (Wheat, Spring Maize, Spring Rice, Paddy) New Production Technology generation
2. Horticultural Crops (Vegetables, Litchi, Banana, Pomegranate, Mango)
3. Agricultural Mechanization impact study assessment
4. Thematic studies on farm economics and IPM
5. Plant Nutrient Management and Soil Productivity enhancement related new technology generation.
6. Climate change impact study in agricultural crops and it's mitigating technology generation.

### **Geographical area of research works:**

Tikapur Municipality ward no.1-9, Janaki Rural Municipality ward number 1-9 and Lamki Chuha Municipality ward number 3, 5 and 7 of Kalali district of Nepal.

### **Time Period:**

Research conduction and final report submission to Rani Jamara Irrigation project, Agriculture Component implementation unit, Tikapur, Kailali not later than 2078/03/20 (4<sup>th</sup> June 2021 A.D)



*Balanced*

**Eligibility of applicants:**

Registered and recognized institutions, Agriculture Colleges, Universities, Nepal Agriculture Research Council (NARC), international research organizations which have been mandated to carry out research in agriculture development.

Technical Manpower to conduct the research works:

Minimum eligibility of research manpower criteria for applying research works:

Designation	Qualifications	Number of Manpower	Experiences
Principal Researcher	Minimum Master degree in Agricultural Science	1	Minimum 5 years working experience in agricultural research or teaching related Field.
Assistant Researcher	Minimum Master degree in Agricultural Science	2	Minimum 3 years working experience in agricultural research or teaching related Field.
Research Fellows	Minimum Bachelor's degree in Agricultural Science or related disciplines	4	Minimum 2 years working experience in agricultural research or teaching related Field.
Junior Field Staff	Intermediate Level in agricultural field	5	

Updated curriculum vitae of principal researcher and research team members should submit with project proposal.

**Budget Criteria:**

Project will provide support to registered and recognized institutions, which have mandated to carry out research in the agriculture development. Grants shall not be used for construction of buildings, purchasing vehicles. Total budget for Research work will be not more than NRs.25,00,000/- (Twenty five lakhs) only. Part of the money can be invest in workshop, training, field visits, broadcasting, research trial conduction, monitoring, research inputs and material purchasing, data collection, processing, analysis, software development, report writing, result publication, result dissemination, man power management etc. as per need which may be clearly reflected in the proposal. Budget investment sharing and participation from other partner organization is highly appreciated. Tentative breakdown of budget should follow as per given below activities.

S.N	Activities/categories	Number of events	Description of investments	Total Cost (NRs)
1	Inception workshop, Site and Farmers Selection	at least 3	Snacks for participants, DSA, Hall Rent, Vehicles Rent, Stationeries, Trainer's fee, and other management	255000
2	Training, Workshops, Field visits, Monitoring, Research Trial Conduction	at least 30	Snacks for participants, DSA, Hall Rent, Vehicles Rent, Stationeries, Trainer's fee, and other management	460000
3	Purchase of Research Inputs, Tools, Materials etc.	as per need	Research related Inputs, tools and materials as per need	855000



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S.N	Activities/categories	Number of events	Description of investments	Total Cost (NRs)
4	Data Collection, Data Entry, Software, Processing & Analysis etc.	as per need	man power, Desktop, software, snacks etc.	280000
5	Report Writing, Preparation and Printing	as per need	Report Preparation, Printing, binding, expert fee etc.	100000
6	Up-sealing and Result Dissemination program	at least 3 time	Hall rent, stationeries, DSA, Finding Publications at least 200 copies	225000
	Total Cost			2175000
	Contingency @15.0%	as per need	Technical manpower fee and management	326250
	Grand Total			2501250

Applicant can invest part of budget in above mentioned sub categories but minor change can be made as per project proposal and relevancy.

**Research project implementation procedure:**

Research work will be conducted as follows; (a) inviting project concept notes (PCN). (b) Submission of clear PCN. (c) Screening of PCN through the selection committee. (d) Inviting Full Project Proposal (FPP). (e) Field verification and /or reference checking as per appropriate of the selected proposals. (g) Final selection and notification. (g) Signing of an agreement (MoU). (h) Notification to those that are selected with justification.

**Address and contact details:**

Applicant must mention Organization address, principal researcher's contact address, Telephone number, Fax/e-mail and collaborating organizations /partners details. Applicant must submit MoU with collaborators to accomplish proposed activities.

**Submission of PCN:**

Hard and soft copy of PCN must be submitted in the Project.

Rani Jamara Kulariya Irrigation Project  
Agriculture Component Implementation Unit  
Tikapur, Kailali



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भरतप्रसाद कंडेल  
आयोजना कोअर्डिनेटर

## Guidelines for Project Concept Notes (PCN) and Full Project Proposal to implement Agriculture related technology generation adaptive researches

### 1. Introduction:

Rani Jamara Kulariya Irrigation Project, Agriculture Component Implementation Unit, Tikapur financially supported by The World Bank has provision of sub-grants in competitive learning and adaptive research grant (Soft activities) that will finance simple action/adaptive research that lead to the identification of new innovations that are climate smart and efficient within the lifetime of the project. Research work must solve existing agriculture related problems, to meet technology demand of farmers and to introduce new technologies in project command area.

### 2. Eligibility of applicants:

Registered and recognized institutions, Agriculture Colleges, Universities, Nepal Agriculture Research Council (NARC) international research organizations which have been mandated to carry out research in agriculture development. To enhance local ownership and minimize overhead cost priority can be given to local Agriculture related Collages/Universities and Organization having sound technical manpower and experiences to conduct research work.

### 3. Implementation procedure:

Research work will be conducted as follows; (a) inviting project concept notes (PCN). (b) Submission of clear PCN. (c) Screening of PCN through the selection committee. (d) Inviting Full Project Proposal (FPP). (e) Field verification and /or reference checking as per appropriate of the selected proposals. (g) Final selection and notification. (g) Signing of an agreement (MoU). (h) Notification to those that are selected with justification.

### 4. Responsibility of ACIU and Research Organization:

- 4.1 Responsibility of the project is to support grants recipient organizations for selecting appropriate sites and farmers for establishing research and demonstration plots and helps disseminate the tested technologies in the project command area. ACIU will ensure that proposed research will contribute to achieving the project objectives. Preference will be given to research that will identify or promote community-supported agriculture.
- 4.2 Role of grant recipients shall be to conduct research, test technologies and establish demonstration with active participation of farmers as guided by the project meet technology demand of the project. The verified technologies and proposed practices will need to fit with local socio-economic and agro-ecological context and need to have better performance than the existing ones.

### 5. The Project Concept Notes:

A Project Concept Note (PCN) is a brief summary of the project concept and the purpose of the Project Concept note is to:

- (i) Allow applicants to submit a concise proposal for preliminary assessment of the concept without the need to prepare a full-fledged proposal that requires much effort, and;

(ii) Allow Project to review process so as to identify a short list of the concepts notes that are worth pursuing to the level of full project proposals.

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जायोजना कोअर्डिनेटर

### 6. The Full Project Proposal:

A Full Project Proposal (FPP) is a detailed of the project proposal with descriptive activities, budget description, implementation methodology, action plan and real reflection of the project to launched. The purpose of the FPP is to:

- (i) Allow applicants to submit a detailed proposal in descriptive form for final selection and assessment of the project to ensure effective implementation;
- (ii) Allow Project to select appropriate proposal as per need of project to ensure effective result and outcomes.

### 7. Research Thematic Area:

- 7.1 Field Crops (Wheat, Spring Maize, Spring Rice, Main season Rice) New Production Technology generation.
- 7.2 Horticultural Crops (Vegetables, Litchi, Banana, Pomegranate, Mango).
- 7.3 Agricultural Mechanization impact study assessment
- 7.4 Thematic studies on farm economics and IPM
- 7.5 Plant Nutrient Management and Soil Productivity enhancement related technology generation.
- 7.6 Climate change impact study in agricultural crops and it's mitigating technology generation.



### 8. Eligibility of research manpower criteria for applying research proposal:

Designation	Qualifications	Number of Manpower	Experiences
Principal Researcher	Minimum Master degree in Agricultural Science	1	Minimum 5 years working experience in agricultural research or teaching related Field.
Assistant Researcher	Minimum Master degree in Agricultural Science	2	Minimum 3 years working experience in agricultural research or teaching related Field.
Research Fellows	Minimum Bachelor's degree in Agricultural Science or related disciplines	4	Minimum 2 years working experience in agricultural research or teaching related Field.
Junior Field Staff	Intermediate Level in agricultural field	5	

### 9. Budget Criteria:

Project will provide support to registered and recognized institutions, which have been mandated to carry out research in the agriculture development. Grants shall not be used for construction of buildings, purchasing vehicles. Total budget for Research work will be not more than NRs.25,00,000/- (Twenty five lakhs) only. Part of the money can be invested in workshop, training, field visits, broadcasting, research trial conduction, monitoring, research inputs and material purchasing, data collection, processing, analysis, software development, report writing, result publication, result dissemination, man power management etc. as per need which may be clearly reflected in the proposal. Budget investment sharing and participation in proposed research work from other partner organizations is highly appreciated. Tentative breakdown of budget should follow as per given below activities.





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 मन्त्रालय कैंडेल  
 आयोजना कोअर्डिनेटर

S.N	Activities/categories	Number of events	Description of investments	Total Cost
1	Inception workshop, Site and Farmers Selection	at least 3	Snacks for participants, DSA, Hall Rent, Vehicles Rent, Stationeries, Trainer's fee, and other management	255000
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	Total Cost			2175000
	Contingency @15.0%	as per need	Technical manpower fee and management	326250
	Grand Total			2501250

Applicant can invest part of budget in above mentioned sub categories but minor change can be made as per project proposal and relevancy.

#### 10. Budget flow procedure:

After signing the MoU research organization can get maximum 20% of total budget in advance and another mid-term instalment can be released as per accomplishment of project work. And other budget will be disbursed after completing and submitting report to the project. Bill, voucher, receipts, tax clearance documents and other financial investment documents must be submitted to the project account section of the project.

#### 11. Geographical area of research works:

Tikapur Municipality ward no. 1-9, Janaki Rural Municipality ward number 1-9 and Lamki Chuha Municipality ward number 3, 5 and 7 of Kalali district of Nepal.

#### 12. Time Period:

Research conduction and final report submission to Rani Jamara Irrigation project, Agriculture Component implementation unit, Tikapur, Kailali not later than 2078/03/20 (4<sup>th</sup> June 2021 A.D).

#### 13. Submission of report and research output:

Research finding and report must be submitted to the project with hard copy, soft copy as well as software program within the given timeframe.