A Draft of a Revised Project Design Matrix (PDM)

The Third Joint Coordinating Committee (JCC) Meeting of JICA Project on *Capacity Development for the Implementation of Economic Census 2018 in Nepal (EC2018)*

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Project Title: Project on Capacity Development for the Implementation of Economic Census 2018

- Target Group: Central Bureau of Statistics (CBS) officials including Statistics Offices (SOs)
- Project Period: From March 2016 to February 2021 (5 years)

Overall Goal :

- Statistical results provided by Central Bureau of Statistics (CBS) are utilized for planning and implementation of policies, plans, and strategies of line ministries, local governments, universities, research institutions and private sector
- Objectively Verifiable Indicators:
  - Number of policies, plans, and strategies which utilize the results of statistical data provided by CBS
  - Number of statistical surveys conducted by CBS
  - Number of statistical surveys in which administrative boundary maps, EA maps and updated census frame used
- Means of Verification:
  - Policies, plans, strategies, statistical surveys, results etc

Project Purpose

- Capacity of the statistical staff of CBS to conduct Economic Census and such skills commonly used in conducting other related statistical surveys are enhanced

- Objectively Verifiable Indicators:
  - Number of capable statistical staff in CBS trained to plan, map, collect data, process data, analyze, disseminate, and use the results of Economic Census

- Means of Verification:
  - Evaluation questionnaire
  - List of training participants

Outputs

1. Statistical staff of CBS is able to plan and implement Economic Census
2. Statistical staff of CBS is able to process and scrutinize Economic Census data
3. Statistical staff of CBS is able to analyze Economic Census data
4. Statistical staff of CBS is able to disseminate the results of Economic Census
5. Statistical database including statistical business register and census sampling frame is developed
6. Capacity of statistical staff of Statistics Offices (SOs) to conduct necessary activities of Economic Census in the local level is enhanced
7. Capacity of statistical staff of CBS to implement training for staff of line ministries as well as necessary coordination with relevant stakeholders is enhanced.

1:Statistical staff of CBS is able to plan and implement Economic Census

- Objectively Verifiable Indicators:

1-1	Schema and work plan
1-2	Census forms
1-3	Manuals for Economic Census
1-4	Number of publicity and educational campaigns conducted
1-5	Number of persons trained
1-6	Number of administrative boundary maps and EA maps

2.   Statistical staff of CBS is able to process and scrutinize Economic Census data

- Objectively Verifiable Indicators:

2-1	Data processing system
2-2	Number of micro data processed by CBS
2-3	Number of statistical tables stored by CBS

3. Statistical staff of CBS is able to analyze Economic Census data

- Objectively Verifiable Indicators:

3-1	Number of persons trained
3-2	Level of understanding of the trainees
3-3	Number of in-country seminars conducted

4.   Statistical staff of CBS is able to disseminate   the results of Economic Census

- Objectively Verifiable Indicators:
  - 4-1 Number of publications, CDs, web-contents, statistical maps and census atlas prepared

5. Statistical database including statistical business register and census sampling frame is developed

- Objectively Verifiable Indicators:

5-1	Statistical database system including statistical business register and census sampling frame
5-2	Guidelines for updating and maintaining the database system

6. Capacity of statistical staff of Statistics Offices (SOs) to conduct necessary activities of Economic Census in the local level is enhanced

• Objectively Verifiable Indicators:

6-1	Number of statistical staff of districts trained on statistical business register
6-2	Number of statistical staff of districts trained on the mapping
6-3	Number of statistical staff of districts trained on the listing and enumeration
6-4	Number of statistical staff of districts trained on the utilization of the results

7. Capacity of statistical staff of CBS to implement training for staff of line ministries as well as necessary coordination with relevant stakeholders is enhanced.

- Objectively Verifiable Indicators:

7-1	Number of staff of line ministries and other stakeholders participated in promotion seminars
7-2	Number of meetings with the related organizations (NSC, CTC, DCC, etc.)
7-3	Number of statistical staff of line ministries trained on the utilization of the results

ACTIVITIES

1	[Planning and data collection]
1-1	Make out schema and work plan
1-2	Design census forms
1-3	Compile manuals for conducting Economic Census
1-4	Implement publicity and educational campaigns of Economic Census
1-5	Conduct listing and enumeration, and train staff
	[Mapping]
1-6	Draw administrative boundary maps and enumeration area (EA) maps through the use of GIS technology
1-7	Disseminate enumeration area maps for statistical surveys

ACTIVITIES...

2	[Data processing]
2-1	Develop data processing systems
2-2	Conduct data processing (manual editing, coding, data entry, data editing, tabulation)
2-3	Develop municipality/village institution level tabulation systems
2-4	Conduct municipality/village institution level tabulation
2-5	Scrutinize micro data and statistical tables
3	[Statistical analysis]
3-1	Analyze results
3-2	Conduct in-country seminars on utilizing the results

ACTIVITIES…

4	[Dissemination]
4-1	Compile publications of the results
4-2	Prepare CDs of the results
4-3	Prepare the web-contents of the results
4-4	Prepare statistical maps of the results
4-5	Compile census atlas of the results
5	[Database]
5-1	Develop statistical database including economic statistics data, statistical business register and census sampling frame
5-2	Develop procedures and guidelines on the statistical database systems
5-3	Update and maintain the statistical database systems

ACTIVITIES...

6	[Districts: improvement of statistical capacity]
6-1	Conduct training on statistical business register of the statistical staff of districts
6-2	Conduct training on the mapping to the statistical staff of districts
6-3	Conduct training on the listing and enumeration to the statistical staff of districts
6-4	Conduct training on the utilization of the results to the statistical staff of districts
7	[Coordination]
7-1	Organize promotion seminars to the officials of the line ministries and other stakeholders
7-2	Establish and organize the necessary committees and meetings for Economic Census
	[Line ministries: improvement of statistical capacity]
7-3	Conduct training on the utilization of the results to the statistical staff of line ministries

NEED OF AMENDMENT IN EXISTING PDM

- Amendment in PDM desired to objectively measure the progress of the outputs in terms of indicators and equipment

- Indicators
    - To set up a concrete figure of the indicators to clarify the target of the project.

- Equipment
    - To reflect an actual situation of equipment which has been determined through mutual consultation between JICA and CBS situation.

REVISED DRAFT PDM (Amendment Part Only)

Original (OVI)	Amended Version (OVI)
1. Project Purpose Number of capable statistical staff in CBS trained to plan, map, collect data, process data, analyze, disseminate, and use the results of Economic Census 2. Indicators of Output 1 1-4 Number of publicity and educational campaigns conducted 1-5 Number of persons trained 1-6 Number of administrative boundary maps and EA maps	1. Project Purpose Number of capable[1] statistical staff in CBS trained to plan, map, collect data, process data, analyze, disseminate, and use the results of Economic Census 2. Indicators of Output 1 1-4 Three kinds of publicity and one educational campaign conducted[2] 1-5 4,206 number of persons trained (95 = 25 directors + 77 district Officers * 1 + 77*1 Office Supervisors+ 506 Field Supervisors + 3521 Enumerators) 1-6 *6,743*[3] administrative boundary maps and *3,521*[4] enumeration area maps (These numbers are not fixed yet.) CBS will provide specific target number.

Footnotes: 1)   Each statistical staff member is evaluated in five grades by means of the number shown below:
          5 = Excellent, 4 = Good, 3 = Sufficient, 2 = Insufficient, 1 = Poor.
2) Three kinds of publicity will be conducted through homepage, press release, and leaflet. One educational campaign will be done through homepage.
3) 6,743 wards in Nepal
4) 3,521 enumerators

REVISED DRAFT PDM (Amendment Part Only)

Original (OVI)	Amended Version (OVI)
3. Indicators of Output 2 2-2 Number of micro data processed by CBS 2-3 Number of statistical tables stored by CBS	3. Indicators of Output 2 2-2 All records[5] which has been collected through Economic Census processed by CBS 2-3 3,480[6] statistical tables (or sub-tables) stored by CBS

Footnotes: 5) About 1.5 million records
6) 20 topics*(85=Nepal+7 provinces+77 districts)*(2=establishments, persons engaged)+ 20 topics* (2=industry, scale) * (2=establishments, persons engaged)

REVISED DRAFT PDM (Amendment Part Only)

Original (OVI)	Amended Version (OVI)
4. Indicators of Output 3 3-1 Number of persons trained 3-2 Level of understanding of the trainees 3-3 Number of in-country seminars conducted	4. Indicators of Output 3 3-1 84 Number of persons trained (16 directors + 20 Statistical Officers + 33 Statistical Officers of districts + 15 officials from Ministries/Departments/ University) 3-2 More than 80 % of the trainees scored 4 on the evaluation questionnaire[7] 3-3 Five (5) analytical reports prepared

Footnotes:
6) 20 topics(85=Nepal+7 provinces+77 districts)*(2=establishments, persons engaged)+ 20 topics* (2=industry, scale) * (2=establishments, persons engaged)*
7) The project will conduct the evaluation of trainings using the evaluation questionnaires at the timing of training completion.

REVISED DRAFT PDM (Amendment Part Only)

Original (OVI)	Amended Version (OVI)
5. Indicators of Output 4 4-1 Number of publications, CDs, web-contents, statistical maps and census atlas prepared 4-2 (none)	5. Indicators of Output 4 4-1 14 publications, five (5) analytical reports, 3,480[6] web-contents, 20 statistical maps, and a set of census atlas published 4-2 4 in-country seminars[8] conducted

Footnotes: 8) At the timing of Inception, Preliminary Results, Final Results, and Analytical Report

REVISED DRAFT PDM (Amendment Part Only)

Original (OVI)	Amended Version (OVI)
6. Indicators of Output 6 6-1 Number of statistical staff of districts trained on statistical business register 6-2 Number of statistical staff of districts trained on the mapping 6-3 Number of statistical staff of districts trained on the listing and enumeration 6-4 Number of statistical staff of districts trained on the utilization of the results	6. Indicators of Output 6 6-1 More than 80 % of statistical staff of districts trained on statistical business register scored four (4) on the evaluation questionnaire 6-2 More than 80 % of statistical staff of districts trained on the mapping scored four (4) on the evaluation questionnaire[9] 6-3 More than 80 % of statistical staff of districts trained on the listing and enumeration scored 4 6-4 More than 80 % of statistical staff of districts trained on the utilization of the results scored 4

Footnotes: 9) The project will conduct the evaluation of trainings using the evaluation questionnaires at the timing of training completion.

REVISED DRAFT PDM (Amendment Part Only)

Original (OVI)	Amended Version (OVI)
7. Indicators of Output 7 7-1 Number of staff of line ministries and other stakeholders participated in promotion seminars 7-2 Number of meetings with the related organizations (NSC, CTC, District Census Committee, etc.) 7-3 Number of statistical staff of line ministries trained on the utilization of the results	7. Indicators of Output 7 7-1 30 staff members of line ministries and other stakeholders participated in promotion seminars 7-2 Three (3) meetings with the related organizations (National Steering Committee, Census Technical Committee, District Census Committee , etc.) 7-3 14 statistical staff members or data users of line ministries or other institutions trained on the utilization of the results

REVISED DRAFT PDM (Amendment Part Only)

Original (OVI)	Amended Version (OVI)
8. Equipment Personal computers, servers, printers, projectors, photo copiers, GIS system, e-census software, tablets, vehicle for project activities, etc.	8. Equipment laptop computer, desktop computer, tablet computer, smart phone, multi-function printer, computer software, LCD projector, Computer Screen, air conditioner, GIS software and satellite imagery, solar power generation system, plotter, server, server operating system, external hard disk drive, UPS, monitor, and vehicle etc.