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**Survey Design on Gender Responsive
Indicator Household Survey (GRIHS) for the Institutionalization
of a Gender Responsive Statistical Database for Women's
Empowerment in Compostela Valley Province**

by:

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I. Introduction

A. Background and Rationale:

The Philippines is among the developing countries that took cognizance of the role of women in the development and in nation building. The country has actively participated in several world congresses, conferences, meetings, and fora on women's concerns and issues. One of such congress was held in Beijing, People's Republic of China. She has cosigned with other nations numerous documents manifesting the advancement of women's equal rights with men in all social undertakings, famous of which was the Beijing Platform for Action.

To put this direction in place, the Philippine Government enacted RA 7192 to legitimize the integration of women as full and equal partners of men in development and in nation building. Moreover, several enabling laws were enacted such as RA 7882, which provides assistance to women engaging in micro and cottage business enterprises, and RA 6955 (Male Order Bride Act), declaring unlawful the practice of matching Filipino Women for marriage to foreign nationals on the male order basis and other similar practices, to strengthen and reinforce the gates for legal opportunities for the advancement of the cause of women's struggle for equal rights with men.

RA 7192 and its corresponding Implementing Rules and Regulations also paved way for the formulation of the Philippine Plan for Gender-Responsive Development (PPGD), which covers the period from 1995 to 2025. The three-decade Philippine Plan for Gender-Responsive Development spelled out the strategic direction of the development for the country placing the people at the center. It aims to make development work for all groups. It recognized the existence of inequalities and discrimination based on gender, class and ethnicity. Against the backdrop of historical gender discrimination, it puts greater emphasis on women as a disadvantaged group. The Implementing Rules and Regulations of RA 7192, thus states that the National Commission on the Role of Filipino Women (NCRFW) in coordination with the National Statistics Office (NSO) and the National Statistical Coordination Board (NSCB) shall pursue the development and continuous refinement of a gender responsive database and indicator system which shall assist agencies in all phases of the development process from planning to monitoring and evaluation.

To support the analysis of women's situation, and gender-based inequalities in general, it is extremely necessary to make data and statistics gender-responsive. While there already exists a database in the Province of Compostela Valley, the province embarks on building upon the efforts and initiatives of NSO and the NSCB towards developing and maintaining a Gender-Responsive database system in Compostela Valley.

Cognizant of the foregoing and in accordance to its avowed vision of equitable and sustainable development manifested by respect for human rights, support for self-determination, full realization of human potentials, active participation and empowerment, the Local Government of Compostela Valley Province embarks on this project in partnership with the NCRFW through its CIDA-assisted Institutional Strengthening Project Phase II.

B. Objective of the Survey

To collect, analyze and present gender responsive statistics at the provincial and municipal levels for the institutionalization of a Gender-Responsive Statistical Database for Women's Empowerment in Compostela Valley Province.

II. Survey Design

A. Method of Data Collection

The primary data will be collected through actual field interview using the Gender Responsive Indicator Household Survey Questionnaires

B. Sampling Estimation

Circular Systematic Sampling (CSS) will be used in obtaining the sample barangay. This is to ensure the inclusion of small and large barangays in terms of population. The barangays will be arranged according to size of population in descending order. A random start shall be done, where the first barangay to be included in the sample is chosen from the list. The second and the succeeding barangays shall be picked up based on the computed interval. Simple random sampling will be used in the selection of the sample households in the sample barangay.

In the determination of the sample size, the sampling fraction or the proportion of the total sample size relative to population will be determined using the following formula:

$$R_k = \frac{1}{B_h} \times \frac{P_h^{2000}}{P_{h1}^{2000}} \times \frac{N_{hi}}{n_{hi}}$$

Where:

R_k = sampling fraction, or expansion factor for the kth domain

b_h = average number of sample PSUs per domain
 P_h^{2000} = average 2000 population per domain
 P_{hi}^{2000} = average 2000 population per PSU in the domain

$$= \frac{1}{B} \sum_{i=1}^{B_h} P_i^{2000}$$

Where:

P_i^{2000} = the 2000 population of the i th PSU
 B = the total number of the PSUs in the k^{th} domain
 N_{hi} = the average number of households in 2000 per PSU

$$N_{hi} = \frac{1}{B} \sum_{i=1}^{B_h} N_i^{2000}$$

Where;

N_i^{2000} = the 2000 number of households in the i^{th} PSU
 N_{hi} = the average number of households allocated to each PSU in the domain

After the determination of sampling fractions, the sample size can already be determined through this formula:

Sample size:

$$n_{hi} = \frac{1}{R_k} \times \frac{1}{b_h} \times \frac{P_h^{2000}}{P_{hi}^{2000}} \times N_{hi}$$

Where:

N_{hi} = the number of sample households required for the sample barangay
 R_k = sampling weight for the h^{th} domain
 B_h = the number of sample barangays drawn to represent the domain
 P_h^{2000} = the 2000 population of all barangays in the h^{th} domain
 P_{hi}^{2000} = the 2000 population of the i^{th} sample barangay in the h^{th} domain
 N_{hi} = total households listed in the sample barangay

C. Sampling Design

Stratified two-stage sampling design will be used. Each of the 11 municipalities of the province is considered the domain where the five barangays will be drawn with equal chance of selection. The 55 barangays drawn are the Primary

Sampling Units (PSUs), and the households are the Secondary Sampling Units (SSus)

D. Conduct of Enumeration

The enumeration will be conducted in the 55 barangays of the province with 55 enumerators. The enumerators will be subjected to series of training & workshops for the proper conduct of the survey.. Each will be assigned in one barangay. The Community Affairs Officers (CAO) of the Provincial Governor's Office will be the field supervisors who will check the filled up survey questionnaires and supervise the conduct of the survey. The Technical Working Group (TWG) of the Provincial Planning & Dev't. Office (PPDO) will make the final office editing of the accomplished survey questionnaires and perform the following other activities:

ACTIVITY	OUTPUT/S
1 Collection and analysis of gender Statistics from local statistical producers	Initial set of gender statistics; Report and recommendation on alternative data sources
2. Review of existing database designs	
3. Customization of existing database Designs	Design for the database system
4 Encoding of data	
5 Conduct of consultation with concerned agencies and other stakeholders involved in policies and programs for women's empowerment to define roles and identify procedures for using the database and for continuously generating Gender-Responsive data	Workshop Design and Report; Defined Roles, and Procedures and Strategies for the continuous generation of Gender – Responsive data

E. Questionnaires to be used

The questionnaires to be used will include indicators that covers the six sectors related to Gender. These includes the individual characteristics (head of the family, sex, age, marital status, religion, ethnicity, & disability); reproductive health of women aged 15 years old and above (teenage pregnancy, cases & types of abortion, practice of family planning that includes the methods used & who decides, reproductive health problems, treatment, diagnosis, HIV/AIDS cases, health institutions & other health providers sought); economic activities for the past 12 months of household members 15 years old and above (usual activity, cases & process of overseas employment, institutions connected, number of hours spent per week, monthly income, place of work during the last 12 months, labor related abuses/malpractices, labor-related diseases, informal work that includes type & nature, difficulties encountered & weekly income, hours spent for productive, reproductive & community work, & child labor) ; violence against women (cases violence against women that includes who are the victims, perpetrators, reasons for committing VAW, weapons used, place where VAW was committed & time when VAW was committed); gender roles (who usually

makes decisions in household for budget, number of children, place of work, children's education, choice of school, course to take, place of residence, build a house, acquire properties, make loans & choice of candidates to be voted); and migration (internal & external migration & reasons for leaving). The language to be used in the questionnaire is the Cebuano version.

In the formulation of the survey questionnaires, the following activities will be undertaken:

ACTIVITY	OUTPUT/S
1 Inventory of statistics and indicators available at the national/provincial/municipal/barangay levels	List of statistics and indicators available at the national/provincial/municipal/barangay levels including data sources and gender gaps.
.2 Consultation workshop to identify the gender issues in the province, municipalities and barangays and its possible indicators	List of gender/women's issues and possible indicators; Workshop Design and Report
3 Customization of existing indicators and development of new ones to address the identified gender/women's issues and data gaps	Statistical and operational framework with gender-responsive indicators

<ul style="list-style-type: none"> • Preparation of survey questionnaire and sampling design - Development of survey instrument - Development of sampling frame - Submission of survey instrument and sampling design to NSCB for clearance • Pre-testing of survey instrument 	Gender - responsive survey questionnaire; Sampling Design; Statistical Survey Review and Clearance Systems (SRCS); Validated Gender Responsive Data; Workshop Design and Report
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The realization of the survey shall be undertaken collectively by the Provincial Government of Compostela Valley and the National Commission on the Role of Filipino Women (NCRFW) in coordination with the National Statistics Office, National Statistical Coordination Board, municipal LGUs of Compostela Valley, and the Non-Government Organizations and People's Organizations.

Project Management and Role of Key Players:

- *Provincial Government of Compostela Valley* – shall take charge of the management of the project. It shall take full responsibility for the implementation of the project and devise measures to build and strengthen linkages with the municipal LGUs, NGAs, NGOs, and POs to ensure complementation and consistency in project activities. It shall be accountable to the fund support from NCRFW vis-à-vis its counterpart. It shall also take charge of institutionalization and ensure the sustainability of the project;
- *National Commission on the Role of Filipino Women (NCRFW)* – shall provide the technical and financial requirements of the project as spelled out in

the MOA. It shall assist the provincial government of Compostela Valley in the development and implementation of the project as well as monitor project implementation and progress;

- *The GAD Teams* – shall be mainly responsible for GAD advocacy at the local level. It shall consist of representatives from the Provincial Government, NGOs, and POs. It shall closely coordinate with the NCRFW and the Provincial Government in this undertaking;
- *The Provincial Statistical Coordinating Committee (PrSCC)* – shall ensure the availability and timeliness of provincial data required for the database system, provide policy recommendation to the Governor on technical matters pertaining to the project. It shall consist of representatives from PAGRO, PHO, PBO, and PGO; and representatives from NGOs, and POs. The technical secretariat of the committee shall hold office at the Provincial Planning and Development Office;
- *Consultants* – shall provide technical expertise to the province in the implementation of the project. The statistical consultants shall provide inputs in putting up the indicator system, in data gathering process, and in installation of the database system. The consultants for the capability building activities shall conduct trainings, provide inputs in the conduct of activities and produce training modules, as major output, among other outputs.