

# **Action Plan 2018**

Survey Department Ministry of Lands

## **Table of Contents**

| 1. Introduction                                  | 3-4   |
|--|-------|
| 1.a Vision                                       | 5     |
| 1.b Mission                                      | 5     |
| 1.c Objectives                                   | 6     |
| 1.d Main Thrust Areas                            | 6     |
| 2. Function and Responsibilities of the sections |       |
| 2.1 Field Section                                | 7-8   |
| 2.2 Central Section                              | 8-13  |
| 2.3 Title Registration Section                   | 14    |
| 2.4 Human Resources & Administration Section     | 14    |
| 2.5 Finance Section                              | 15    |
| 3. Financial & Human Resources of the Department |       |
| 3.1 Administrative Structure                     | 16    |
| 3.2 Approved Cadre & Existing Cadre              | 17-19 |
|  |       |
| 4. Activity Plan – 2018 – Time Line              |       |

#### 1.0 Introduction

Pioneering surveying and mapping functions in the fields such as Land Surveying, Mapping, Remote Sensing technological Methods, Global Positioning Systems (GPS), Geographical Information Systems (GIS), Land Information Systems (LIS) and Photogrammetric Activities and Geodetic Surveys, have been assigned statutorily to the Survey Department. The Department was capable of gaining of these fields to more information technology contributed fields with rapid development of technology.

The branch named "Geographical Names and National Spatial Data Infrastructure (NSDI)" established in Sri Lanka Survey Department accomplishes a great service for sharing of land related information cooperatively with other organizations who are interested in land information.

The Department made different kind of contribution in numerous ways for the government development projects. Preparation of plans, surveying the lands, a basic need for development programs such as high ways, expansion of roads, initiation of airport, harbour, tourist projects, power and energy projects, have been properly fulfilled.

Similarly, by fulfilling surveys and mapping activities required for implementation of recommendations of LLRC report, the department has made maximum contribution. Preparation of maps required for delimitation for election process has been completed.

Establishment of Geodetic Control Network and upgrading it to a higher accuracy introducing the Global Positioning System (GPS), and since the establishment of Srilanka Continuous operation Reference System (SLCORS) network by Global Navigation Satellite System (GNSS) technology, fulfilling of geodetic requirements in western province and in nearby several districts has been made easy.

Preparation and update of the 1:50,000 Topographical Map series replacing the One Inch Topographical map series, preparation of 1:10,000 Topographical Map Series so as to cover the whole country, preparation of National Atlas in three languages, maintenance of data base relevant to preparation of Colombo and suburb, town maps in the scale of 1:2000,preparation and maintenance a Topographical Vector Databases in the scale of 1: 250,000, 1:50,000 and 1:10,000, introducing of LiDAR Technology to Sri Lanka, providing of data required for disaster management and preparation of maps are only the few of the great services which have been accomplished.

Further, the Department is contributing actively by carrying out surveys and preparation of 'cadastral plans' for the 'Bimsaviya' Program undertaken by Ministry of Land and Land Development with a view to issue title certificates.

A web site named On Line Surveying and Mapping Service (e-SAMA) has been created for providing of services promptly to the public and to purchase maps and digital data through the internet.

When requests are made by customers to obtain data in the scale of 1:10000 and 1:50000, facilities have been provided through the GI-Arcs software to download the required data through the internet.

Entering information about letters received to the Surveyor General Office, to the data system, a data system for follow up has been created and lunched to the internet. The branches to which all these letters have been sent can be identified through this and information's of action taken in that regard can be found.

Institute of Surveying and Mapping, Diyatalawa, the training institute of the Department has accomplished the task of imparting of high quality educational experience in the subject of Surveying and Mapping so as to enable the students to fulfil total educational competencies. Training of officers for degree courses, higher diploma courses, diploma courses and training of officers according to the departmental requirement are accomplished by this institution

With the intention of enhancing the performance of the department, obtaining the active contribution of the field and office group of staff and creating of more productive and public friendly service provided department, enhancing the employee satisfaction for that, productivity Programme has been initiated in the Survey Department.

Cases in connection with payments due to be charged to the department, are handled by recently established legal branch and good progress has been achieved through this. Similarly, judicial activities which the department involves can be solved shortly.

# 1.a Vision

Our vision is to be "The Leader of Land Information Right through"

# 1.b Mission

Our mission is "To Provide High Quality Land Information Products and Services Through Professionally Qualified and Dedicated Personnel"

## 1.c Objectives

The activities of the Survey Department are directed towards the well-being of the people through a network of offices spread throughout the Country, comprising Provincial Offices, District Offices, Divisional Offices and Survey Training and Surveying & Mapping Institute, Diyatalawa. The functions of all such Offices during the year under review were targeted on the following objectives.

- To complete the Annual Survey Training and Surveying & Mapping programs.
- To train the Staff.
- To build and maintain the required immovable and movable resources for the program embarked to be completed during the year.
- To appropriate the allocated public funds for each purpose which have to be carried out in the year.
- To maintain discipline and look after the welfare of Departmental staff.
- To control and maintain the standards of surveying profession.

#### 1.d Main Thrust Areas

- To establish and maintain a Geodetic Control Network throughout the country.
- To provide surveying services in all statutory requirements.
- To acquire aerial photographs for mapping and development plans.
- Supply of information by means of maps.
- To prepare and publish Topographical maps, Thematic Maps and Special purposes maps for national requirements.
- Preparation of a Geographical Information System covering the entire country.
- Preparation of a land information system systematically covering the entire country.
- Obtaining of geographical and land information by using the satellite image technology.
- To regulate and maintain standards for the surveying profession.
- To train the staff for departmental needs.
- To provide consultancy services on surveying for the state agencies.
- To hold the examinations relevant to the staff.
- To conduct such research as may be necessary in respect of matters relating to surveying.
- Issue of Certificates of Accreditation for the registered surveyors who wish to carry out surveys, under the Title Registration Act No, 21 of 1998

#### 2. 1 Field Section

- 1. Perform the functions of Additional Surveyor General (Central) during his absence.
- 2. Overall supervision and progress monitoring of the provincial staff.
- 3. Regulate all land survey activities in Sri Lanka.
- 4. Development of strategic plan, policy and methodology for provincial survey activities and monitoring and implementation of
  - \* Land surveying.
  - \* Provincial functions of the Provincial Surveyor Generals'.
  - \* Work progress of the provincial programme.
  - \* Special work programs outside the work programme.
- 5. Develop new policies whenever necessary.
- 6. Make recommendation for revision of standards and accuracies.
- 7. Make aware existing policies among the staff and all the clients
- 8. Preparation of annual work plan for land surveying
- 9. Monitoring work progress of the provincial programme
- 10. Submit progress reports at the DSG's meeting.
- 11. Develop policies on land survey programme
- 12. Coordinating & Monitoring Special work programs outside the work programme.
- 13. Coordination with client organizations
- 14. Maintain a database for the past work progress.
- 15. Publication of Administration report annually.
- 16. Publication and distribution of departmental circulars.
- 17. Receiving and distribution of other circulars such as Financial, Public Administration etc.
- 18. Monitoring the activities in the Progress Branch.

#### 2.1.1 Provincial Survey Office

- 1. Represent Surveyor General at the provincial level.
- 2. Development of strategic plan for the areas of responsible for a specific period.
- 3. Directing and monitoring of surveying, mapping and geodetic activities within the Province to ensure that a set annual targets are achieved.
- 4. Responsible to execute the policy of the department within the Province
- 5. Preparation of guidelines for staff assignments, resource allocation, grant of increments, disciplinary matters, costing of work etc.
- 6. Responsible of optimum use of all resources and resource allocation in fair manner. (Overall resource management with in the province).
- 7. Monitoring Court Commission Surveys with special attention.
- 8. Overall financial management within the province.
- 9. Preparation of annual work program on surveying and mapping within province.
- 10. Monitoring the progress of surveyors, Divisional Survey Officers, costing of different types of surveys within the Province.
- 11. Monitoring of annual work program on surveying and mapping and prepare quarterly reports
- 12. Prepare standard progress returns for DSGG meeting
- 13. Welfare of the staff in the Province and maintaining harmony among all.
- 14. Estimations on other necessary resources (Physical, financial, human)
- 15. Monitoring the annual store verifications of the field staff as well as all divisional, dist., pro. offices.
- 16. Monitoring the annual document verifications of each District

- 17. Monitoring of regular services, maintenance, repairs of all equipment, vehicles with in the province
- 18. Monitoring of maintenance of all fixed assets with in the province
- 19. Prepare and maintain the Data base for all resources with in the province.
- 20. Overall supervision of the functioning of District Survey Offices in the Province.
- 21. Responsible for Establishment matters of the all staff in the province.

#### 2.1.2 District Survey Office

Represent Surveyor General at the District level.

- Maintain good relationship with other state officers in the district.
- Participating for meetings and discussions with in the district.
- Maintain the good image with all stakeholders of the department.
- 2. Check and approve all kind of statutory plans on behalf of the Surveyor General.
- 3. Maintenance of Documents (Statutory plans etc.) of district according to the documents management strategy of the department.
- 4. Development of strategic plan for the areas of responsible for a specific period.
- 5. Attend the District Development Committee meeting and contribute department services towards the development of the country.
- 6. Directing and monitoring of surveying, mapping and geodetic activities within the District to ensure that a set annual targets are achieved.
- 7. Responsible to execute the policy of the department within the District.
- 8. Preparation of guidelines for staff assignments, resource allocation, grant of increments, disciplinary matters, costing of work etc.
- 9. Overall resource management with in the district.
- 10. Overall supervision of the functions of District Survey Office and Divisional survey offices in the district.
- 11. Overall financial management within the district.
- 12. Prepare and submit annual work program on surveying and mapping.
- 13. Monitoring the progress of surveyors, survey parties, costing of different types of surveys within the district.
- 14. Inspect field staff and offices.
- 15. Welfare of the staff in the district and maintaining harmony among all.
- 16. Estimation necessary Physical, Financial and Human resources.
- 17. Monitoring the annual store verifications of the field staff as well as all divisional offices and district office.
- 18. Responsible of annual document verifications in the district.
- 19. Monitoring of regular services, maintenance, repair of all equipment, vehicles with in the district.
- 20. Monitoring maintenance of all fixed assets with in the district.
- 21. Establishment and administration work of district staff.

#### 2.2 Central Section

- 1. Perform the functions of Surveyor General during his absence.
- 2. Overall management and progress monitoring of all central functions and staff in the training school.
- 3. Implement policy decisions on trade union matters.
- 4. Keep Professional standards.
- 5. Welfare of the field and office staff.
- 6. Policies on Research & Developments
- 7. Monitoring revision of Departmental Survey Regulations, Departmental Standing Orders and Technical Instructions.
- 8. Monitoring all central functions of the Department
- 9. Allocation of funds from Capital Votes to Snr. DGSs, DSGs and Provincial SGs
- 10. Function as chairman to Departmental minor procurement committee.
- 11. Training and Development activities in the Department.
- 12. Monitoring Conducting of Departmental examinations
- 13. Membership and other collaboration activities with international organizations.
- 14. Perform functions as Vice Chairman of the Land Survey Council.

#### 2.2.1 Institute of Surveying and Mapping (ISM)

- 1. In overall charge of the Institute of Surveying and Mapping (ISM), Diyatalawa.
- 2. Responsible for all Establishment matters and financial control of all funds allocated to ISM.
- 3. Planning and execution of Training courses in surveying.
- 4. Conducting departmental examinations.
- 5. Implementing CPD programme in order to update knowledge of staff members in new technological applications
- 6. Care and maintenance of all buildings, stores, equipment, vehicles and machinery of the ISM.
- 7. Security of the ISM.
- 8. Maintaining discipline among students and harmony among all staff living at ISM, Diyatalawa.
- 9. Negotiate with other institutions regarding the training courses required by them.
- 10. Work in close cooperation with other universities/ Institutions for exchange of resource persons.
- 11. Conduct examinations to issue a certificate authorizing any persons, to function as a draughtsman.
- 12. Responsible to conduct all departmental examinations departmental employees.

Perform functions as a Senior Lecturer/ISM

#### 2.2.2 Documents Management and Professional Standards

- 1. Perform the functions of Additional Surveyor General (TR) during his absence.
- 2. Management of survey document (statutory plans) of Survey Department for protecting the rights of the government as well as the citizens and also preserve the continuity of

- official memory & knowledge on various disciplines related with survey documents over time.
- 3. Introduction and implementation of documents management strategies.
- 4. Apply the appropriate use of automated data processing and other information management techniques for Document Management.
- 5. Insure periodic legal disposal of records that have no further administrative, legal, fiscal or research value.
- 6. Identify and insure the preservation of archival records.
- 7. Authorize where appropriate the use or reproduction of survey and land information recorded by the Department and to levy a fee for the use or reproduction of such information.
- 8. Representation of Surveyor General on Courts on Survey activities.
- 9. Provide necessary information to Courts, Public Institutes and Normal Public in relation to the clarification request by them regarding the statutory plans.
- 10. Overall supervision/Monitoring of the annual verification of Survey documents in the department.
- 11. Quality control of survey plans produced by the Government surveyors and make necessary recommendations according to revise department regulations and technical instructions.
- 12. Establish quality control units at District Survey Offices for making necessary arrangements to control quality of survey plans and monitor the progress of these units.
- 13. Make recommendation to the Surveyor General for issuing a certificate of Accreditation by a process of evaluation as regards the competence of a registered surveyor to conduct cadastral surveys for the purpose of the Registration of Title Act No. 21 of 1998.
- 14. Maintenance of high professional standards among persons engaged in land survey activities in the Department.
- 15. Responsible for all Establishment matters of the branches and staff coming under Snr.DSG(Doc Mgt & Professional standards).
- 16. Make necessary arrangements to publish survey regulations.

#### 2.2.3 Mapping

- 1. Overall charge in map production/reproduction and atlas activities.
- 2. Planning and monitoring all mapping activities
- 3. Set standards for mapping.
- 4. Produce Singhala and Tamil version of second edition of national atlas.
- 5. Disbursement and accounting of funds allocated to these branches.
- 6. Proper monitoring systems on Human and Physical resource management in mapping branches.
- 7. Perform functions as secretary to the National Map User Committee.
- 8. Undertake special mapping task from client organization
- 9. Receive, store and reproduction and distribute topographic and derived maps, remote sensed data and aerial photographs.
- 10. Make arrangement to give publicity for marketing map products of the Department.
- 11. Responsible for Establishment matters of the branches and staff coming under Snr.DSG(Mapping).

#### 2.2.4 Resource Management

Development of strategic plan for area of responsibilities and for specific period.

- 1. Make arrangements for the uppermost utilization of electronic equipments such as Global Positioning Systems and Electronic Total Stations etc.
- 2. Management of buildings of Head office, Provincial offices, District offices, Divisional offices, Circuit bungalows and Holiday quarters.
- 3. Overall supervision/Monitoring of Department annual procurement programme
- 4. Overall supervision/Monitoring of the annual verification of government stores
- 5. Responsible for action on losses and damages of resources
- 6. Overall supervision of disposal of item becomes unserviceable due to damage or ware and tare.
- 7. Monitoring condemning of stores activities and making decisions either to surcharge or writeoff items.
- 8. Coordinating the write off matters with Ministry.
- 9. Allocation of circuit bungalows/holiday quarters and maintenance of them.
- 10. Function as Secretary to DSGs Meetings.
- 11. Allocation of funds from recurrent votes for urgent purchase of limited stationery, etc in consultation with Director (Finance).
- 12. Management & Supervision of branches under the Snr.DSG (Resource Management).
- 13. Make arrangements for the security of resources of the department.
- 14. Proper functionality of forms committee

#### 2.2.5 Research & Development

Evaluate standards of all kind of technical activities such as Surveying, Mapping, electronic equipment, software, Databases etc, and make suitable recommendations.

- 1. Carry out research and development activities for the improvement of technical activities of the department.
- 2. Make recommendations for the best utilization of available resources.
- 3. Identify unnecessary tasks and activities in the department.
- 4. Make recommendation to update and improve skills of the staff.
- 5. Work in close cooperation with the media section of the Ministry and other electronic and printed media on behalf of Surveyor General.
- 6. Issue annual magazine (Surveyor Journal) of the department and publish outcome from research/development work at end of each year.
- 7. Revision of Departmental Survey Regulations, Standing Orders and Technical Instructions.
- 8. Responsible for all Establishment matters of the staff coming under Snr.DSG (R&D).

#### 2.2.6 Geodetic Surveying

- 1. Perform duties related with Geodetic control system as describe by the Survey Act No. 17 of 2002.
- 2. Define directives for the establishment, maintenance and improvement of the National Geodetic Control system.
- 3. Make arrangements for the establishment, maintenance and upgrading where necessary of the National Geodetic Control system.
- 4. Make necessary arrangements to secure National Geodetic Control monuments.
- 5. Define specifications, standards and accuracy levels for the establishment of the Geodetic control network.
- 6. Provide Geodetic control for the special projects carried out by the Government.
- 7. Documentation of Geodetic Control information in paper and digital modes and maintain all the records.
- 8. Define the criteria on convert all coordinates into the SLD99 new coordinate system and vise versa.
- 9. Prepare an annual program for densify the new geodetic control network for Sri Lanka. Implement the program and monitor it.
- 10. Prepare an annual program for densify the level network for Sri Lanka.
- 11. Define directives for the establishment, maintenance and improvement of the National Level network.
- 12. Define specifications, standards and accuracy levels for the establishment of the Level network.
- 13. Documentation of Level network information in paper and digital modes and maintain all the records.
- 14. Establish and make available to all surveyors base lines for the calibration of survey chains / tapes and electronic distance measuring equipment.
- 15. Establish Calibration Base for GPS.

#### 2.2.7 Geographical Names

Establish National Committee on Geographical names.

- 1. Enact any laws or policies with activities connect to National Committee on Geographical names.
- 2. Set national standard for geographic nomenclature.
- 3. Make necessary arrangements to promulgate official names and their applications for official and public use.
- 4. Publish rules to be followed by cartographers and publishers concerning the choice, spelling and applications of geographical names.
- 5. Maintain a database for Geographical Names.
- 6. Coordination with United Nations Group of Experts on Geographical Names, Statistics Division.

#### 2.2.8 Information Technology

- 1. Work in close cooperation with all the sections of the department in all aspects of their joint activities.
- 2. Assist all sections of the department in the preparation of technical specifications for any software development, networking and software and hardware procurements.
- 3. Prepare installation, testing and acceptance procedures for the software and hardware.

- 4. Develop, test and implement any new software systems required by the department.
- 5. Develop robust data security, systems management and disaster recovery strategy.
- 6. Assist the department staff in the daily operation of its computer hardware, software, network and assist with other information technology issues as requested by other sections of the department.
- 7. Make arrangement to maintain and update hardware and software that is used by the department.
- 8. Monitoring Maintenance of list of hardware and software given to all the sub offices.
- 9. Prepare maintenance agreements for maintenance of hardware and software and, monitor progress of existing agreements.
- 10. Monitoring maintenance of e-mail & internet accounts in the department.
- 11. Monitoring maintenance of Human Resources Database in the Department.
- 12. Maintaining of the network system in the SGO.
- 13. Maintaining of the WEB of the Survey Department.
- 14. Responsible for Establishment matters of the branches and staff coming under DSG(IT).

#### 2.2.9 Land Information System / Geographic Information System

- 1. Overall charge in Air Surveys, Remote Sensing, GIS and LIS activities.
- 2. Monitoring and maintaining of digital Geographic and Land information data bases progressively to cover the entirety of Sri Lanka according to the directives given in Survey Act No 17 of 2002.
- 3. Define specifications for digital databases of Land information/GIS.
- 4. Identify users and user requirements of Geographic and Land information.
- 5. Define procedures to adopt user requirements.
- 6. Introduce security systems for safety of databases.
- 7. Provide information for National development programs and disaster management activities
- 8. Arrange awareness programs to make aware other organizations and public regarding availability of databases and information related with them. Promote marketing strategies.
- 9. Quality control of Databases.
- 10. Prepare data policy for land and geographic information and implement it.
- 11. Coordinate with Provincial Surveyor General's and Snr. Supdt. of Surveys to get digital survey plans from field to build LIS.
- 12. Make arrangements to update databases.
- 13. Provide data for national mapping programs.
- 14. Establishment of web based Geographic and Land information system to provide / sale information to the other interested parties.
- 15. Coordinate with Provincial Surveyor General's and Snr. Supdt. of Surveys to create database for scanned images of statutory survey plans.
- 16. Develop strategy to use of scanned images in survey work.
- 17. Responsible for Establishment matters of the branches and staff coming under DSG (LIS/GIS).

#### 2.2.10 Management, Development & Training

Overall charge in Management, Development & Training unit.

1. Coordinating and Directing of all foreign training of departmental staff.

- 2. Coordinating and Directing of all local training, other than Training Institute at Diyatalawa and ISM.
- 3. Maintain information database for all foreign trained officers in the department.
- 4. Preparation of departmental annual capital expenditure program
- 5. Maintaining of database for monitoring progress of annual capital expenditure program.
- 6. Preparation of monthly progress report of departmental capital expenditure program.
- 7. Other special duties assigned by the Addl.S.G. (Central).

## 2.3 Title Registration Section

- 1. Perform the functions of Additional Surveyor General (Field) during his absence.
- 2. Act on behalf of Surveyor General to perform the duties entrusted to Surveyor General by the Registration Title Act No 21 of 1998.
- 3. Coordination with the Ministry, Commissioner of Title Settlement and Registrar General of Titles in title registration activities.
- 4. Monitoring work program of cadastral surveys.
- 5. Develop new policies for title registration activities whenever necessary.
- 6. Development of strategic plan, policies and methodology for cadastral surveys.
- 7. Overall supervision and progress monitoring of cadastral surveys.

### 2.4 Human Resources & Administration Section

- 1. All establishment matters other than those delegated to Snr.DSGs, Prov.SGs, DSGs & Director (Finance).
- 2. Assignment of staff to various branches / officers in consultation with Addl.S.G.(Central).
- 3. Maintenance of vehicle database in the department.
- 4. Obtain revenue licenses and insurances (where necessary) for the vehicles in the department.
- 5. Assignment of vehicles in consultation with Addl.S.G (Central), Addl.S.G.(Field) and Addl.S.G.(TR)
- 6. Prompt action on accidents to vehicles.
- 7. All Trade union matters.
- 8. All service minutes and related matters.
- 9. In charge of Welfare Officers attached to SGO.
- 10. Handle all the activities related with the court cases and work closely with Attorney Generals' Department.

### 2.5 Finance Section

Preparation of budget and allocation of funds in consultation with Addl.S.G.(C) and Addl.S.G.(F) and Addl.S.G.(TR)

- 1. Monitoring expenditure and briefing S.G and others at D.S.Gs meeting.
- 2. Proper financial accounting and control in the department and to provide funds in time to enable the work program in the department to go smoothly.
- 3. To carry out training programs in consultation with Addl.S.G. (Central) for the departmental staff on financial matters.
- 4. Close liaison with Treasury / Ministry f Land & Land Development and with the banks with whom the department is dealing.
- 5. All payments to SGO staff.
- 6. Arrange to furnish all returns connecting with accounts in time.
- 7. Answer to all departmental audit queries.
- 8. Monitoring matters connected to Public Accounts Committee
- 9. Disciplinary control of Accounts Branch staff.
- 10. Responsible for Establishment matters of the staff coming under Director (Finance).

## 4. Activity Plan – 2018 – Time Line

# ACTION PLAN YEAR 2018 Capital Expenditure

Ministry : Ministry of Lands
Department : Survey Department of Sri Lanka

| Program and              | Main Activities                  | Total      | Unit of     | Total                             |   | Quarte | ly Finan | cial Targ | ets    | Total  | Location of | Programme           | Responsibility of |
|--------------------------|----------------------------------|------------|-------------|-----------------------------------|---|--------|----------|-----------|--------|--------|-------------|---------------------|-------------------|
| Project                  |                                  | Allocation | Out Put     | Out Put & Physical Output Targets |   |        |          |           | ets    |        | Project     | Project/Benefits    | Program/Project   |
|                          |                                  | %          |             | %                                 |   | 1st Q  | 2nd Q    | 3rd Q     | 4th Q  |        | Output      | No of Beneficiaries | Implementation    |
| Operational Activities - | 1.Rehabilitation and Improvement | 17.89      |             |                                   | F | 1.79   | 4.47     | 5.37      | 6.26   | 17.89  | SGO/Field   |                     | a,b,d,e,f,g,h,k   |
| Administration and       | of Capital Assets                |            | No of Items | 100                               | Р | 10     | 25       | 25        | 40     | 100.00 | 3GO/T lelu  |                     | a,b,u,e,i,g,ii,k  |
| Establishment Services   | 2. Acquition of Capital Assests  | 167.50     |             |                                   | F | 16.75  | 41.88    | 50.25     | 58.63  | 167.50 | SGO         |                     | b                 |
| (288-01-1)               |                                  |            | No of Items | 100                               | Р | 10     | 25       | 25        | 40     | 100.00 | 360         |                     | D                 |
|                          | 3. Capacity Building             | 0.40       |             |                                   | F | 0.04   | 0.10     | 0.12      | 0.14   | 0.40   | Field/SGO   |                     | а                 |
|                          |                                  |            | No of Items | 100                               | Р | 20     | 20       | 20        | 40     | 100.00 | rieid/3GO   |                     | а                 |
|                          | Sub Total                        | 185.79     |             |                                   | F | 19     | 46       | 56        | 65     | 185.79 |             |                     |                   |
| Development Activities-  | 1.Rehabilitation and Improvement | 57.00      |             |                                   | F | 5.70   | 14.25    | 17.10     | 19.95  | 57.00  | Field/SGO   |                     | a,b,c,h,j         |
| Survey Activities        | of Capital Assets                |            | No of Items | 100                               | Р | 10     | 25       | 25        | 40     | 100.00 | i leid/3GO  |                     | a,b,c,n,j         |
| (288-02-2)               | 2. Acquition of Capital Assests  | 104.00     |             |                                   | F | 10.40  | 26.00    | 31.20     | 36.40  | 104.00 | Field/SGO   |                     | b                 |
|                          |                                  |            | No of Items | 100                               | Р | 10     | 25       | 25        | 40     | 100.00 | i leid/3GC  |                     | D                 |
|                          | 3. Capacity Building             | 0.80       |             |                                   | F | 0.08   | 0.20     | 0.24      | 0.28   | 0.80   | Field/SGO   |                     | а                 |
|                          |                                  |            | No of Items | 100                               | Р | 20     | 20       | 20        | 40     | 100.00 | i leid/3GO  |                     | a                 |
|                          | 4. Other Capital Expenditure     | 20.00      |             |                                   | F | 2.00   | 5.00     | 6.00      | 7.00   | 20.00  | SGO         |                     | a,b,c,j           |
|                          |                                  |            | No of Items | 100                               | Р | 10     | 25       | 25        | 40     | 100.00 | 360         |                     | a,b,c,j           |
|                          | Sub Total                        | 181.80     |             |                                   | F | 18     | 45       | 55        | 64     | 181.80 |             |                     |                   |
| Development Activities-  | 1.Rehabilitation and Improvement | 3.60       |             |                                   | F | 0.36   | 0.90     | 1.08      | 1.26   | 3.60   | ISM         |                     | f                 |
| Survey Training          | of Capital Assets                |            | No of Items | 100                               | Ρ | 10     | 25       | 25        | 40     | 100.00 | IOIVI       |                     | '                 |
| (288-02-3)               | 2. Acquition of Capital Assests  | 0.58       |             |                                   | F | 0.06   | 0.14     | 0.17      | 0.20   | 0.58   | ISM         |                     | b,f               |
|                          |                                  |            | No of Items | 100                               | Р | 10     | 25       | 25        | 40     | 100.00 | IOIVI       |                     | 5,1               |
|                          | 3. Capacity Building             | 0.55       |             |                                   | F | 0.06   | 0.14     | 0.17      | 0.19   | 0.55   | ISM         |                     | 4                 |
|                          |                                  |            | No of Items | 100                               | Р | 13     | 25       | 25        | 38     | 100.00 | IOIVI       |                     | '                 |
|                          | Sub Total                        | 4.73       |             |                                   | F | 0.47   | 1.18     | 1.42      | 1.65   | 4.73   |             |                     |                   |
|                          | Grand Total                      | 372.32     |             |                                   | F | 37.23  | 93.08    | 111.70    | 130.31 | 372.32 |             |                     |                   |

#### Reference:

b - Snr DSG(RM) h - Provincial SGs in Field

c - Snr DSG(Mapping) j-DSG(LIS/GIS) d - Snr DSG(DM) k - DSG(IT)

SGO- Surveyor Generals Office e - Snr DSG(Admin)

f - Snr. DSG(Training) ISM - Institute of Surveying & Mapping, Diyatalaw a

## Ministry of Land and Land Development Action Plan 2018 Recurrent Expenditure 2018

Department : Survey
Programme/Project
t Name, Budget
Main Activities Responsibility of Programme ocation of Project Output Programme/ Project benifit Quaterly Financial Targets & Physical Output Targe & Number of Project Unit of Output Total Output 2018 Code, Duration on 2018 Total Estimated Cost 1st Qtr 2st Qtr 3rd Qtr 4th Qt Project 01 Programme 1 Rupee Mn 250 Surveyo General's Office Head Office) Snr DSG (Admin) Administration and Establishment Services Operational Activities 288/01/01 Programme2 Project 02 Survey Activities
Landmarking Surveys Rupee Mn PSG(CP), Surveyor Months /Allotments 3,855 77,870 PSG(NCP) 19467 6380 4575 400 19467 6380 4575 400 19468 6380 4576 400 PSG(NP), PSG Surveyor Months / Lots Surveyor Months / Lots Surveyor Months / ha. 25,520 18,301 1,075 PSG(NP), P EP), PSG(NWP), PSG(SAB), PSG(SP), PSG(UVA), Acquisition Surveys Engineering Surveys All Districts 200 514 1,200 1,60 Surveyor Months
Surveyor Months / Lots
Surveyor Months / Lots
Surveyor Months / Points Mapping Court Commission Surveys Cadastral Surveys GPS Surveys PSG(WP) 11,880 Snr DSG Mapping Activities Rupee Mn Surveyor General's Office Topographical & Thematic Mapping Tec. Months / Maps 297 504 1210 126 126 316 126 30 126 (Mapping) (Head Office) 400 400 Printing
Creation of GIS database of Geographical Paper Sheets 1600 400 DSG (LIS) 42 4.8 2940 2940 294 130.8 Tec. Months / Maps 9156 Get views through web site and publishing fina 900 60 1177 Tec. Months / Maps (names) 55.4 5.8 names
Committee meeting
Creation of LIS Cadasre 1402 Tec. Months / Maps 36000 9000 9000 900 9000 Creation of LIS Sporadic Γec. Months / Sheets 630 630 630 630 Subsequent Surveys Update
Updating LIS database through data processed Tec. Months / Sheets Tec. Months / Days 630 630 120 48 120 120 at DSO and maintain
LIS development & Web publishing of Tec. Months / Days 480 120 120 24 120 12 processed data
LIS Quality Assuaring, Updation & Mainta Tec. Months / Days Provide transport data layer for large scale Tec. Months / Days 480 120 120 120 mapping Creation of DEM/DSM using LiDAR data 108 2160 27 540 27 540 27 540 540 DSG Update 10K DB for LiDAR Project area Tec months/sq km 120 2400 600 600 600 30 600 Re-printing of Aerial Photograph (On-request) Tec months/Number of photos 12 300 Flight line Index map-Digital Conversion Tec months/Number of photos 300 145 145 145 145 Creation of 50K Topo DB (Bal. 25 Sheets) 192 54 Tec months/sq km 22400 63 8000 21 2400 6000 6000 50K Topo DB Revision-1 Tec months/sa km 60 22000 5000 5000 42 12000

96

50

2560

2000

10500

107

15 600 14 560 15 600

30 9000

26 690 30 800 39 1040

26

280

Surveying &

Mapping, Diyatalawa Director (ISM)

288/02/03

Update 10K DB for LiDAR Project area

User Demand Applications
Metadata Conversion to ISO 19115
Data Sharing Mechanism
Project 03 Survey Training

Update 10K DB using sat images

Preparation of GND maps

Tec months/sq km

Tec months/sq km

Tec months/GN divisions Tec months /Applications

Rupee Mn

No. of Courses

Long term courses Short term courses P - Physical Progress

F - Financial Progress