



MINISTRY OF AGRICULTURE AND RURAL DEVELOPMENT  
CONTRACT AGREEMENT

PRINCE

MINISTER OF AGRICULTURE

Kindly quote the number and the date  
in case of reply

**SUBMISSION OF DRAFT 2014 ANNUAL PROGRAM REPORT ON THE  
IMPLEMENTATION OF RURAL DISTRICT MEDIUM TERM DEVELOPMENT  
PLAN**

I submit herewith a copy of the 2014 Annual Program Report on the status of implementation  
of the 2011-2013 District medium term development plan for your attention and necessary  
action.

Thank you

PAUL ATUO KIRUMUKO  
(DIRECTOR OF DEVELOPMENT)  
For DISTRICT CHIEF EXECUTIVE

THE CHIEF OF ARID  
NATIONAL DEVELOPMENT PLANNING COMMISSION  
NDA  
THE HON. AGRICULTURE MINISTER  
AGRICULTURE REGIONAL CO-ORDINATING COUNCIL  
KISumu

cc: The Regional Economic Planning Office  
Regional Co-ordinating Council

~~CONFIDENTIAL~~

MINISTRY OF LOCAL GOVERNMENT, CHESTNUT AND RELIGIOUS  
AFFAIRS

ARAFU AND SOUTH WEST DISTRICT ASSEMBLY

IMPLEMENTATION OF THE DISTRICT MEDIUM TERM DEVELOPMENT  
PLAN

(INTERIM MID-TERM)

(2004 ANNUAL PROGRESS REPORT)

FEBRUARY 2005

PREPARED BY

THE DISTRICT PLANNING COORDINATING UNIT  
ARAFU AND SOUTH WEST DISTRICT ASSEMBLY



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# LIST OF ACRONYMS

|       |                                                  |
|-------|--------------------------------------------------|
| ACD   | Acting Assistant Director, Standards             |
| ARR   | Annual Report                                    |
| AVC   | Business Advisory Centre                         |
| CSTA  | Community Skills and Innovation Agency           |
| DACP  | Director, Assessment, Courses and Pools          |
| DJTB  | Director, Medium Term Development Plan           |
| DRC   | Director, Planning and Coordinating Unit         |
| DSP   | Director, Skills and Innovation Plan             |
| GO    | Government of Ontario                            |
| GSIA  | Global Skills Inventory and Development Agency   |
| HT    | Human Resources Information System               |
| IGC   | Industry Graduate Council                        |
| IF    | Industry Graduate Council                        |
| HS    | Junior High School                               |
| IG    | Industry Graduate Council                        |
| ITP   | Industry Training Program                        |
| LEED  | Local and Regional Economic Development          |
| MSA   | Manufacturing, Services and Industry Association |
| ME    | Manufacturing and Education                      |
| NACME | National Assessment Management Organization      |
| PH    | Partnership for Advancement                      |
| PS    | Public School                                    |
| NET   | National Vocational Education Training           |
| OTDE  | Ontario Training, Development and Education      |
| OTPC  | Ontario Training, Development and Education      |
| PI    | Partnership for Advancement                      |
| PSA   | Public School Agency                             |

2432-912: District Insurance Coverage and Employees' Health Costs

447704: Health Care Costs: Workforce & Family

20327: Health Care Costs: Elderly & Disabled

20328: Health Insurance: Family Size Project

## EXECUTIVE SUMMARY

The Health Action Guide West District Assembly was established by the legislative instrument PWT/11/2007 with Mandate as its report.

The report has been organized into three sections. The opening section outlines briefly the constitution and general performance of the District in implementing Annual Action Plan 2004 and the DMTSP. The first highlights the progress for the preparation of the WPH, the selective control as well as the establishment involved was presented in the first section. The second section shows into the MHC activities for the period. It provides the proposed activities and how far they have been achieved within the implementation year. It also provides the revenue performance for the year. The report also provides information on related external government performance over the previous year. However, central government transfers, especially the DMTSP performance in terms of releases for the year of reporting has not been provided. DMTSP -MHC allocated for DWT/11/02 the District received in the first quarter of 2004.

Performance of the Assembly in terms of project implementation was successful. Majority of various health units have achieved implementation of most of the programmes and projects. However, the DMTSP equipment helped in the sourcing and redistribution of some basic health care equipment, health care strategic enough in the implementation of their programmes which have not released at all, the Assembly was able to implement 46.25% of planned projects and programmes in the Annual Action Plan. The entry and limited specific indicators that measure effectiveness of supply and logistics have been adequately provided in various part of the report.

Section three of the report deals with key areas that the Assembly was able to realize and those that are to be realized. Finally, recommendations to realize those identified various have been provided.

Other critical areas for which information was readily available were presented in the context. Issues of sanitation, Social Protection Programmes, skills development and agriculture are not addressed in this report. Issues of environment and climate change have been fully presented.

In general, the Assembly did well in all aspects in implementing the 2004 Annual Action Plan. Due to the high implementation level, the Assembly was able to achieve most of its objectives and goals for the year within the set development dimensions of the DMTSP 2002-2005.

## CHAPTER ONE GENERAL BACKGROUND

### **Introduction**

The 2014 Annual progress report of the Akiba Awa North West District is prepared in full compliance with the National Development Planning (System) Act 1979 (Act 482) which requires all Municipalities, Municipal and District Assemblies to undertake development planning functions in accordance with the constitution, the Local Government Act and the constitution. The District Assembly passed the 2014-2015 Akiba-North West Development Plan based on the two policy guidelines namely "Agenda for job, Housing, Prosperity and Equal opportunity for all."

The Akiba-North West Development Plan has been placed on one day (1) Annual Action Plan for effective implementation, monitoring, and evaluation over the next six quarters of the ordinary.

Monitoring and Evaluation activities are conducted intensively to ensure that actions meet set targets and are in line with set goals and objectives.

The 2014 Annual progress report provides an update on the status of interventions made in programmes and projects implemented during the 2014 action year within the framework of the DMTIP. The report uses a set of indicators as a benchmark for measuring and assessing the progress of implementation of activities undertaken within the year as reference to the achievement of development goals and objectives outlined in the DMTIP of the Assembly.

The report is structured into three (3) chapters. The first chapter presents the general introduction including the purpose of M&E conducted for the year 2014, a summary of achievements of the implementation of the DMTIP, challenges encountered in implementing of the DMTIP as well as the progress achieved in the implementation of M&E activities for the year.

The purpose of preparing for the ANW includes but not limited to the matter listed.

To fulfil the legal requirement (S.1 1979) that all government agencies responsible for the implementation of programmes and projects under the Government should demonstrate, through evidence-based information, the status of interventions for the year.

To serve as the key instrument for reporting on the progress made towards the achievement of goals and objectives of the 2014-2015 DMTIP.

To help identify weaknesses and constraints to the achievement of the goals and objectives of the 2014-2015 DMTIP policy framework.

Based on the status of activities and targets for every stage, by stakeholders for tracking the achievement of key policy objectives and the activities of the 2014-2015 DMTIP.

To identify recommendations to help address bottlenecks in the implementation of the 2014-2015 DMTIP.

To enhance internal and external accountability of resources used and the results obtained.

To improve design, implementation, and increase programme effectiveness and productivity.

### **Vision, Mission, Goal, and Objectives of the Assembly**

The purpose of the plan would not be achieved through the vision, mission, goal, and objectives of the Assembly and these are summarized as follows:

#### **i. The vision of the Assembly Assembly**

It is an efficient and effective district with continuously enhanced living standards for its people

#### **ii. Mission Statement**

The District Assembly aims to facilitate the overall development of the district by effectively formulating and implementing plans and programs of the Assembly, Ministries, Departments, Agencies, and Non-Government Organizations as a participatory manner to improve the quality of life of the people in the district.

### **III. Medium Term Development Goals**

#### **Build a Resilient Country**

Create opportunities for all

Strengthen the National Government and Ensure a Sustainable Environment

Eliminate Inflation, Unemployment, and High Inequality

Build resilience to external shocks of different dimensions, including COVID-19

Improve efficient delivery of development outcomes and value for money

#### **iv. Key Objectives**

Improve fiscal performance and accountability

Ensure skills development for the industry

Diversify and expand the national industry for economic development

Modernization and substantial agricultural production systems

Enhance inclusivity and equitable access to and participation in quality education at all levels

Ensure efficiency, innovation, quality, and Integrated Public Governance for all

Improve the policy and legal environment for child protection and development

Strengthen institutions responsible for health control and management

Design political and administrative decentralization at the local level

Enhance security services delivery

Ensure proactive planning for disaster prevention and mitigation

Enhance compliance systems and build response capacity to prevent, detect, contain, and respond to a possible epidemic outbreak

Strengthen the preparation, implementation, and coordination at all levels and strengthening monitoring and evaluation systems at all levels.

The 2014 Annual Progress Report outlines activities which were reported in the 2014 Annual Action Plan, the extent of implementation, and achievement which are geared towards the achievement of the goals and objectives outlined above.

#### 1.1 Summary of Achievement of the Implementation of the 2011-2015 MDTP

The overall goal of the 2011-2015 DMATP is "to provide socio-economic infrastructure for a sustained increase in productivity, poverty reduction, accelerated growth and to improve quality of life of the people in a participatory manner". In analyzing the implementation status of the 2011-2015 DMATP for the year 2014, attention was given to progress made in implementing key activities outlined in the 2014 Annual Action Plan. The achievement in the level of outcomes as was used as the basis for the assessment.

##### 1.1.1 Progress of Annual Action Plan implemented by the end of the year 2014

The Assembly planned to implement 100% of the 2014 AAP with an annual progress of 12% achievement of the 2011-2015 DMATP. However, as development continues to be a process, the status was able to achieve 22.8% of the proposed 12% of the AAP. Based on the year 2014 the cumulative achievement reached 43.88% of the DMATP.

Out of the total number of 141 activities that were reported in the 2014 Annual Action Plan, one hundred and 22-one (129) activities were considered/ implemented representing 91.5%. The implementation of some of these activities was a follow-up from the previous year but the complete Annual Action Plan for the year 2014 as captured in table 1. The average performance of the Assembly could be attributed to two revenue contributions for the year, especially internally generated funds. Except for the Environment, Information, and Planning Department which performed below 75%, all other Department/ divisions performed over 75% in terms of the implementation of activities planned for 2014.

It also presents an analysis of the overall progress of the DMATP implemented by the end of the year. The DMATP 2011 - 2015 has a total of 194 activities set out for implementation within the period 2011 to 2015. Cumulatively, 111 out of the 194 activities in the DMATP representing 58.8% percent had been implemented by the Assembly and its development partners as at the end of 2014. However, activities implemented outside the plan as well as the DMATP 2011-2015 are seven (7) representing 1.5%. Details of the progress of the DMATP implemented have been presented in:

The overall progress made in the implementation of the DMATP based on the assessment of the activities implemented could therefore be concluded as average.

Table 1: Summary of 2014 AAP Annual Action Plan implemented

| S/N | Development Component                                     | 2011       |           | 2012       |           | 2013       |            | Remarks                  |
|-----|-----------------------------------------------------------|------------|-----------|------------|-----------|------------|------------|--------------------------|
|     |                                                           | Plan       | Done      | Plan       | Done      | Plan       | Done       |                          |
| 1   | Economic Development                                      | 12         | 1         | 11         | 0         | 34         | 11         | 17% implemented          |
| 2   | Social Development                                        | 10         | 11        | 34         | 33        | 11         | 33         | 99% implemented          |
| 3   | Environment, Infrastructure, and Human Settlements        | 12         | 7         | 34         | 12        | 44         | 41         | 93% implemented          |
| 4   | Disaster Preparedness, and public Administration          | 12         | 34        | 33         | 33        | 12         | 12         | 100% implemented         |
| 5   | Emergency Planning, and Response (Including COVID-19)     | 3          | 2         | 1          | 0         | 3          | 1          | 33.3% implemented        |
| 6   | Implementation, Co-ordination, Monitoring, and Evaluation | 3          | 7         | 2          | 7         | 7          | 7          | 100% implemented         |
|     | <b>Total</b>                                              | <b>127</b> | <b>71</b> | <b>100</b> | <b>60</b> | <b>108</b> | <b>118</b> | <b>44.7% implemented</b> |

Source: UNCT January 2022

Figure 1. Progress of 2014 National Action Plan implemented

SDG Annual Action Plan implementation



Source: DPOU, January, 2023

### 1.1 Analysis of implementation of progress of AAP implementation

The successful implementation of 54.3% of the 2024 Annual Action plan across the various development dimensions has several implications among which includes improvement in the following: 1) Economic growth, 2) Good governance, quality service delivery, and 3) Improvement in the living standards of the people. Some of the key implications include the following:

The achievement of 50% and above, of the planned activities implies the greater utilization of the scarce resources by the Assembly in executing planned projects and programs:

- Improved social services such as education, health, sanitation, LEAP and other services are delivered effectively to the people, leading to better living standards.
- Successful implementation of local economy development programs has greatly improved the livelihoods of women and children which has resulted in increased self-reliance.
- The performance of the Assembly in 2024 public engagement, allocating time as their right to information, local responsibility of the citizens (an educated citizen's confidence in local governance which may increase participation in their development activities).

The summary of the above analysis shows a positive direction in achieving the Medium-Term Development goals of promoting job creation and decent work, creating opportunities for all citizens in the District, addressing the natural environment and ensuring a resilient built environment, ensuring a stable, united, and safe society, and improving the efficient delivery of development outcomes and value for money in the utilization of scarce resources has also continued in the achievement of the SDGs. 3 and 4 which address good health and well-being as well as improvement in quality education in the District.

#### 1.1.1 Progress of DMTOP implementation

The 2000-2002 MTEP contained a total of 394 program activities earmarked for implementation within five years. Out of these, 222 were completed completely as of the end of the year, 2004 representing 56.3 % (while the total cumulative activities under implementation (both completed and ongoing) were also 222 representing a percentage performance of 56.3% as of the end of the year, 2004.

Table 2 presents the proportion of overall MTEP implementation of planned activities for the years 2001, 2002, and 2004.

*Proportion of overall MTEP implementation*

| Activities                                                                       | Baseline | Actual | Actual | Target | Actual |
|----------------------------------------------------------------------------------|----------|--------|--------|--------|--------|
|                                                                                  | 2000     | 2001   | 2002   | 2004   | 2004   |
| 1. Proportion of the overall activities fully implemented by the end of the year | 10.4%    | 41.39% | 51.28% | 100%   | 64.9%  |
| Percentage of activities completed                                               | 42.18%   | 70.7%  | 87.8%  | 10.3%  | 87%    |
| Percentage of ongoing activities                                                 | 10.3%    | 22.1%  | 22.3%  | 100%   | 22.3%  |
| Percentage of activities abandoned                                               | 0%       | 0%     | 0%     | 0%     | 0.00%  |
| Percentage of activities yet to start                                            | 20.3%    | 22.1%  | 2.7%   | 0.0%   | 2.2%   |
| 2. Proportion of the overall activities with development plan implemented        | 10.37%   | 11.17% | 21.28% | 100%   | 24.7%  |

Source: DSDO, January 2005

### 1.1.3 Monitoring and Evaluation

To be socially accountable and increase transparency in delivering services to the people of South West District Assembly.

The Monitoring and Evaluation Function of the Assembly was based on the indicators developed under the Agenda for Action II framework to guide development efforts. The assessment is done through workplace-based information on selected district area and specific indicators. The District Assembly, therefore, prepared the 2001-2002 Vision and Development Plan as a guide to the implementation of its activities. The plan outlines the goals and objectives of the Assembly which can be successfully achieved through effective and frequent monitoring, and evaluation of planned operations. To track these objectives, the District Assembly has adopted effective monitoring and evaluation mechanisms which are conducted quarterly and annually.

The overall goal of the M&E for the year 2001 was to implement effective M&E systems to continuously measure the effectiveness of activities implemented in meeting the development

Objective and provide useful lessons for review and formulation of evidence-based policies for effective and efficient service delivery in the district.

Specifically, the following is the content of the process of the MMR activities for the year 2014

#### **Purpose of Monitoring & Evaluation for the Year 2014**

- To increase efficiency in the delivery of socio-economic services and improve as well as increasing the level of achievement of both the Municipal core and specific indicators
- To measure and manage constraints and challenges that impede the accomplishment of development objectives and goals of the 2011-2017 DSDP.
- To identify best practices and use lessons learned feedback for future decisions making and re-planning.
- To determine the extent to which the Programmatic Interventions were successful in terms of their impact and sustainability of results.
- To be socially accountable and increase transparency in delivering services to the people of North Am South West District.
- To provide a single source of information to all stakeholders both local and national levels on progress being made by the District in the implementation of the DSDP 2011 – 2017 particularly programme and projects implemented in 2014.
- To gather information on projects to measure the achievement of projects in progress in meeting goals and objectives.
- To provide opportunities for learning and replication. The district agreements to gather and analyse data were used to make informed decisions, adjust strategies, and build on successful approaches for the coming year.

The process involved and stakeholders concerned in the implementation and follow-up for programme monitoring

The monitoring and evaluation of projects was done coordinated by the Assembly in the year 2014 were carried out through a participatory approach involving management, civil, agencies, institutions, civil, structures, formal and Assembly members, parliament and community members which are essential in ensuring that the systems reflects the actual progress of implementation of the 2011 formal follow from the process of it in line with the planning stage where institutions are brought together to assess the existing situation in order to develop a strategy for the implementation of the 2011-2017 National Development Plan.

It continued from implementation to holding national to review, analyse and report on the activities of the departments and undertake the quarterly in line with the set targets and indicators for tracking the implementation of various activities in the 2011-2017 DSDP.

The DSDP together with other stakeholders such as universities, financial institutions, departments and the beneficiary institutions were made field visits to monitor the implementation of activities and indicators.

with semi-annual meetings and other policy decisions through meetings. Field visits, phone calls, and correspondence.

Agree, a security modification by effective 10/20/2019 was done to reflect the field and other agencies as well as geographic will, considering the security, regional regulations in the agricultural sector.

Development of a monitoring and evaluation strategy document (DCE) monitoring is understanding the state of the situation and the relevant aspects of the situation and the risks.

12/20/2019 meeting with field and DCE, monitoring and evaluation of agricultural systems (DCE), and security, regional regulations, security, project planning and implementation process updates are ongoing and discussed. Field 2 includes the list of stakeholders that participated in the monitoring and evaluation process in the year 2019.

meeting from the field visits and meeting was conducted to assess and reflect on DCE monitoring.

2019 Monitoring and Evaluation data was also collected from field visits, online, telephone, and surveys to the stakeholders that were for the monitoring and evaluation. The monitoring data collected included:

The report of the monitoring and evaluation of the situation and the situation is included in the 2019 annual report.

monitoring and evaluation of the situation and the situation

12/20/2019 meeting with field and the monitoring and evaluation team was conducted and used as input for the development of the report.

### 1.1.1 The process, involved and challenges encountered in the implementation and M&E Activities for 2014

#### Process involved

The monitoring and Evaluation of activities that were undertaken by the Assembly in the year 2014 were carried out through a participatory approach involving department, such agencies, institutions, civil-societies, community based-organisations, associations, and community members which was essential to ensuring that the process reflects the actual progress of implementation of the 10th Annual Action Plan. The process of M&E went with the planning stage where stakeholders are brought together to assess strategic status of various of action and preparation for the implementation of the 10th-2014 Medium-Term Development Plan.

It continued from implementation to holding meetings to discuss, study, and report on the activities of the departments and units of the Assembly in line with the set targets and indicators for tracking the implementation of activities outlined in the 10th MTDMP.

The DPCU together with other stakeholders such as court:

senior, national institutions, departments, and the Judiciary Commission undertook field visit to monitor the implementation of activities and interact with community members and other stakeholders through meetings, field visit, phone-calls, and observation.

Again, various institutions for effective M&E activities was done to involve field and other legislators as well as people that will undertake the activities, especially stakeholders in the various communities.

Development of a monitoring schedule was also done with all DPCU members to understand the type of data that would be collected based on the indicators set in the Plan.

M&E meetings were held with DPCU members and other heads of decentralised departments, COCs, and community representatives to discuss the project planning and implementation process against set targets and objectives.

Table 1 indicates the list of stakeholders that participated in the monitoring and evaluation activities in the year 2014.

Findings from the field visits and meetings were compiled into a report and circulated by DPCU members. Both Primary and Secondary data were also collected from stakeholders, online, analysed, and reviewed by the DPCU and sent back to them for their comments and reactions. The feedbacks were collected and noted.

The output of quarterly inspection of development projects and Programmes specified in the 10th comprehensive Annual Action Plan.

Fourth Quarter Review of the 10th Annual Action Plan

Monthly site inspection reports from the project management team were reviewed and used as inputs for the preparation of this report.

Table 1. List of participants interviewed for the Monitoring and Evaluation Timeline

| S/N | NAME                   | POSITION                                | STATUS/TYPE OF PARTICIPANT |
|-----|------------------------|-----------------------------------------|----------------------------|
| 1   | Mr. Joseph Mwangi Bosa | County Chief Executive                  | AAFFDA                     |
| 2   | Paul Achi Agumbe       | Director Marketing Division             | AAFFDA                     |
| 3   | Samuel Bwiti Oloo      | Director of Education                   | AAFFDA                     |
| 4   | Paula Achia            | Director Development Planning Officer   | AAFFDA                     |
| 5   | Thomas Tindan          | Teacher                                 | Wako                       |
| 6   | Kevin Agumbe           | Teacher                                 | Wako                       |
| 7   | Samuel Bwiti           | Assistant Development Planning Officer  | AAFFDA                     |
| 8   | Samuel Bwiti           | General Teacher                         | AAFFDA                     |
| 9   | Haroldine Peters       | Director Environmental Health Inspector | AAFFDA                     |
| 10  | David Achi Peto        | Technical Authority                     | Ministry                   |
| 11  | Naigwa Andrew Opiyo    | Local Services Committee Member         | AAFFDA                     |
| 12  | Kevin Mwangi           | Chairperson Classroom                   | Mpanzo Sd                  |
| 13  | Abdulla Ahmed Mwangi   | Director Budget Analyst                 | AAFFDA                     |
| 14  | Abdulla Achi           | Director Public Engineer                | AAFFDA                     |
| 15  | Augustine Oloo         | Teacher                                 | AAFFDA                     |
| 16  | Francis Tindan         | Wako group                              | Wako                       |
| 17  | Michael Oloo Achi      | Director Public Division                | AAFFDA                     |
| 18  | Mary Kimani            | Teacher                                 | Wako                       |
| 19  | Eric Agumbe            | Teacher                                 | Wako                       |
| 20  | Ernest Wako Dadi       | Director Finance Officer                | AAFFDA                     |
| 21  | Mr. Isaac Mwangi       | Works Plan Committee Chairman           | AAFFDA                     |
| 22  | Mr. Peter Agumbe       | PAA Sub Committee Chairman              | AAFFDA                     |

|    |                         |                                          |          |
|----|-------------------------|------------------------------------------|----------|
| 11 | Steve Phasumai          | Laotian National Land                    | Minister |
| 12 | Ingvar Mikkelsen        | Direct, Policy and Community Development | AVRDC    |
| 13 | Malin Anwar-Ahli        | Assistant Development Planning Office    | AVRDC    |
| 14 | Paul Fawcett            | Laotian                                  | Minister |
| 15 | Steven Hill             | USDA/USDA                                | Minister |
| 16 | Emmanuel Anzob          | Laotian                                  | Minister |
| 17 | Director General Policy | Assistant Development Planning Office    | AVRDC    |
| 18 | Mr. Paul Anger          | Development Planning Committee Member    | AVRDC    |
| 19 | Eric Agnew              | Assistant Field Manager                  | AVRDC    |
| 20 | Charles E. Smith        | Special Land                             | Minister |
| 21 | Pauline Taylor          | Field Office                             | Minister |
| 22 | Pauline Taylor          | Field Office                             | Minister |

Source: AVRDC, January 2007

Source of information on participating MAF units





#### (a) Data Collection

The Planning Unit used a set of templates collected data from the representative list of the Assembly as well as other relevant and decentralized agencies within the district. Data collected on various the performance of the district core indicators, performance of the district-specific indicators and the implementation of the 2014 Annual Action Plan in the various departments and units of the Assembly among others.

The report was subjected to final revisions by key stakeholders. Internal review meetings were held by the DPCU during the process.

#### (b) Monitoring of the physical projects

The monitoring team and the public administration committee of the Assembly also conducted quarterly site visits to inspect the implementation of physical projects as well as interacting with communities and other relevant stakeholders through meetings. The observation of each visit were carefully incorporated to produce a final report.

#### (c) Data validation and review meeting

The Assembly through the CPCC held the two validation and review meetings with the heads of departments and their as well as representatives of the semi-decentralised agencies and other relevant departments to validate data presented for the preparation of the 2014 Annual Progress Report. Feedback from the meeting was incorporated in the completion of the 2014 Annual Progress Report.

#### (2) Focus Visit and Stakeholder Consultative Meeting

The Assembly also organised a Focus Visit Stakeholder Consultative Meeting involving a wide range of stakeholders and development partners at each meeting. The purpose of the meeting was to present the draft 2014 Annual Progress Report to the stakeholders, invite them to give feedback on the report. The feedback for the meeting was incorporated in the finalisation of the report.

The report was subjected to final validation by key stakeholders. Consultative meetings were held by the CPCC during the process.

#### 1.1.1 Difficulties: To comment on the implementation and M&E activities

The implementation of the 2011-2015 DMSP was confronted with some challenges and key success factors included:

- There is still national reliance of the members' funds such as the DMSP and DMSP-SPS continues to affect the ability of the Assembly to allocate adequate resources to the departments for the implementation of their work plans.
- Last progress is some parts of the limited efforted across to land for the implementation of activities by the various departments of the Assembly. This is due to the cross constituency disputes or local traditional issues of the district.
- Another challenge was the issue of illegal mining activities referred to as 'galamsey' has affected the incomes of the agricultural sector in Kariakola continued to be occupied with mining activities. It also affects the use of fertile lands available to produce food and cash crops thereby reducing the level of production of staple foods for consumption by the people.
- The dairy sector also suffers from the animals at some extent from not being allowed for grazing activities. As a result of this, the government is spending more resources on replacement activities, especially in the forest reserves which could be used for other development interventions.
- Additionally, a limited number of school leavers such as first and second level is most of the schools, especially those in rural areas, affects quality education delivery in the constituency and attention should be given to this phenomenon as the efforts of the Assembly are not enough to address it holistically.
- There is also a challenge of access to potable drinking water supply which continues to affect the smooth delivery of health services in some of the health facilities, especially CHPS compounds do not have access to water for their activities.
- Weak institutional structure (non functioning of all the 7 Area councils)

- Involvement of the largest unit in corporate process, and reliance on departmental and officers for effective office and delivery.

### **Difficulties/Challenges of Monitoring and Evaluation**

Monitoring and Evaluation activities in the current situation were a challenge. Among these were:

Poor road conditions continue to hamper the implementation of key development interventions especially during the rainy season when some parts of the district become impassable. This affected M&E activities as those areas the team could not visit to assess the progress of work.

Also, there was a challenge of inadequate funds and logistics for the implementation of some key activities in the 2021-2022 FYMTRW report card for 2024, especially the M&E activities by the department of the Assembly.

Collecting data requires that some of the departments at the subsector level joined the report preparation process as it was under the pressure and timing and by the department for collection of the same information were different from the Assembly's timeline.

Also getting accurate data sometimes became a challenge as the figures given are not consistent with nationally acceptable levels. In most cases, the type of measurement were different.

Some departments also exhibited behaviour of not fully maintaining time for the preparation of the 2024 Annual Progress report complaining that the Assembly does not consistently attend to the issues and challenges that confront them.

Issues of weak institutional structures, especially the financial structures, also affected the timely preparation of the 2024 Annual progress report as information from these structures was very difficult to come by due to weakness of the financial structure, and its flow.

A limited understanding of how monitoring and evaluation are carried out also posed a challenge to the large as some DPCs members do not appreciate the DPC processes and the results.

## CHAPTER TWO BENCHMARKING AND EVALUATING ACTIVITIES REPORT

### **Summary**

The chapter explains the multidimensional issues that are considered for achievement and maintenance of project and program registers, derivation of issues of revenue and expenditure update during the year. CAREX budget analysis, project up analysis and the CAREX budget Allocation, and implementation of the Active projects. Measurement of performance for the district cost indicators as well as the district-specific indicators were also compared to measure the level of performance of the various sectors of the local economy which are linked to the attainment of the medium-term development goals and the level of achievement of the economic development goals. Update on critical development and priority issues were also discussed in this chapter to provide a detailed understanding of progress made during the year as far as improving the well-being of the people is concerned. Also discussed in this chapter are the issues relating to the well-being of the Assembly, housing projects needs, and the highest achievements of presented in this chapter.

### **Issues of Project and Program for 2014**

A total of 107 activities were planned for the year, 2014. Out of these, 129 were successfully completed, 4 were yet to start with no Project completion or disbursement of project. This put the performance implementation (completed and ongoing) at 84.2% as of the end of the year, 2014.

Table 2.1 summarizes the implementation of activities for 2014.

The activities that were implemented have been categorized under the various sources of funding available to the Assembly. These sources of funding are the District Assemblies Common Fund (DACF), and the District Assemblies Common Fund-Reserve/Retain Part (DACF-RFP). Other include Government of Ghana (GOG), and the Locally Generated Fund (LGF) and donor fund.

### **Analysis of implemented Projects/Programs for 2014**

| S/N                                                                | Description  | Total      | Number completed | On going | Yet to start | Cancelled | Percentage % completed | Percentage % not implemented |
|--------------------------------------------------------------------|--------------|------------|------------------|----------|--------------|-----------|------------------------|------------------------------|
| 1.                                                                 | Project      | 25         | 11               | 0        | 1            | 1         | 44%                    | 20%                          |
| 2.                                                                 | Program      | 147        | 144              | 0        | 1            | 0         | 98.7%                  | 1.02%                        |
|                                                                    | <b>Total</b> | <b>107</b> | <b>155</b>       | <b>0</b> | <b>2</b>     | <b>1</b>  | <b>90.7%</b>           | <b>5.0%</b>                  |
| <b>Percentage of implemented projects and programs in the 4 MP</b> |              |            |                  |          |              |           |                        |                              |

Source: (DACF), January 2015

### 1.1.1 Project Region

A total of fourteen (14) physical projects were implemented during the year, 2014 under three (3) development dimensions which include, social development dimension, Environment, Infrastructure, and Human Settlement and Governance, corruption, and public accountability.

Details of the project regions can be found in Table 4 below.

#### 1.1.1.1 Social Development Dimension

The social development dimension of the DDF/SDG DDF/SDG has a goal of "creating equal opportunities for all". A total of 20 physical projects with 142 activities were planned for the year, 2014, and 22 of the physical projects were completed implementing a 77% compliance rate while 144 out of the 142 activities were also implemented representing 84% at the output level of compliance and total of 48 years to be rolled over. The Assembly employed effective planning and budgeting procedure and involved citizens during the implementation process to achieve success.

The activities completed largely include education infrastructure such as the supply of school facilities and rehabilitation of classroom blocks was a deliberate attempt certainly to achieve the objective of enhancing education and equitable access, and participation in quality education at all levels and eventually lead to the attainment of the sector goal as noted above. This will then help to the attainment of the sustainable development goals and targets 4.1, 4.2, and 4.3 in the district.

#### 1.1.1.2 Infrastructure, Infrastructure, and Human Settlement Dimension

The increasing percentage of huts and shacks made in the district remained at par with the target for 2014. This is due to rapid habitation of huts without any major rehabilitation or reinforcing work done. The District Assembly continues to struggle with shacks reports partially due to the structure of the Federation make important in the district. The performance under this indicator is adversely affecting the achievement of the district's objective of improving efficiency and effectiveness of road transport infrastructure and services in the district. The shacks have further decreases the percentage of Federation made shacks constructed to enhance safety and security for all categories of road users. However, there is more work to be done to bridge the gap. (see Appendix II)

#### 1.1.1.3 Governance, Corruption and Public Accountability

The reported crime cases slightly declined from the national average category in 2013. Crime cases reported generally relate to violence, domestic violence and house breaking. However, the district can do better in this regard by reducing crime to a further by bridging the gap in the category of police personnel and facilities for the security services in the district. The achievement of the district objective of enhancing security services delivery in the district was adversely affected by the performance of this indicator. (see Appendix II)

### 1.1.4 Upstream District Development and Poverty Issues

This section captures the various levels of interventions being undertaken by the Assembly and their relative funds. Some critical development and poverty reduction interventions in health, education and general well-being continued to be implemented in the District in 2004. The implementation of the National Health Services Scheme, the Glass School Feeding Programme and the Livelihood Improvement against Poverty (LEAP) among other interventions being implemented in district are few among others. Below is a snapshot of critical development and poverty issues that are being addressed in the District.

| Critical Development and Poverty Issues                 | Allocated (KSh) | Actual receipt (KSh) | No. of Beneficiaries |         |
|---------------------------------------------------------|-----------------|----------------------|----------------------|---------|
|                                                         |                 |                      | Target               | Actuals |
| Glass School Feeding Programme                          | -               | 205,674.00           | 10000                | 10000   |
| Capitation Grant                                        | -               | 178,200.00           |                      |         |
| National Health Services Scheme                         | 101,100.00      | 101,100.00           | 7,400                | 67,100  |
| Livelihood Improvement against Poverty (LEAP) programme | 190,000.00      | 10,740.00            | 400                  | 100     |
| National Youth Employment Program                       | -               | -                    | -                    | 22      |
| Feeding for Road and Rice                               | -               | -                    | 1200                 | 100     |
| Free ICT programme                                      | -               | 748,540.00           | 1000                 | 1000    |
| One District-One Farmer Programme                       | -               | -                    | -                    | -       |
| One Village One Dam Programme                           | -               | -                    | -                    | -       |
| National Entrepreneurship and Business Plan (NEBP)      | -               | -                    | -                    | -       |
| Others                                                  | -               | -                    | -                    | -       |

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| 1880-1889 | 1890-1899 | 3 |
| 1900-1909 | 1910-1919 | 4 |
| 1920-1929 | 1930-1939 | 5 |
| 1940-1949 | 1950-1959 | 6 |
| 1960-1969 | 1970-1979 | 7 |
| 1980-1989 | 1990-1999 | 8 |
| 2000-2009 | 2010-2019 | 9 |
| 2020-2029 | 2030-2039 | 0 |

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### **Total number of active projects**

The Assembly had a total of five (5) active projects all of DFT PLSD 2024, and one (1) ACP project. The following thematic area of development was considered in planning District development: Governance, corruption and public accountability, Emergency planning, and the implementation, coordination, monitoring, and evaluation development dimensions. It will have active projects in all the last of the year. Projects under these developmental dimensions have been completed. This implies efficient execution and a shift in priority towards the social development dimension and the infrastructure dimension.

Table 1: Details the number of rolled-over projects from previous years and the approved new projects introduced in the years 2023, 2023, and 2024

#### **i. Social Development Dimension**

Social development continued some level of activities, with two (2) projects rolled over from 2021 and an additional project entered in 2024. This implies a steady but manageable reduction in addressing the social needs of the people. There were DACP 30% complete projects which were rolled by the District Regional Coordinating Council and DPAIT secretariat for more comprehensive of direction by the district assembly. Hence there is no clarity whether these projects will be carried.

#### **ii. Environment, Infrastructure, and Housing Dimension**

It is a bid to achieve the goal of "safeguarding the natural environment and ensuring a resilient built environment under the settlement, infrastructure, and housing dimension" development dimension, eight (8) projects have completed out of thirty-five (35) planned activities for 2024 representing a 23.14% completion rate. These projects were implemented in areas such as construction on how to restore the natural environment including forestry, management of water bodies, climate change and adaptation plans, digital zoning activities as well as solidly house settlement projects to achieve a resilient within the built environment. These would lead to the achievement of the wider objective of providing proactive planning for disaster prevention and mitigation and eventually achieving the development dimension goal to meet three out of five sustainable development goals and targets of SDG 13.1, 13.2, 13.3 and 13.4.

#### **III Governance, Corruption and Public Accountability**

The development dimension completed twenty-four (24) completed programs out of the total twenty-five (25) planned activities for 2024 representing an 80% completion rate. These were largely projects related to security management, decentralised planning and budgeting, and the provision of institutional management and programmes including enhancing the effectiveness of the municipal administration to promote decentralised local governance. These activities implemented have led to the achievement of the objective under the development dimension which is to design policies and administrative decentralisation at the local level and enhance security service delivery and have also contributed to the achievement of the goal of Modernising a Stable United and Safe Society for the centre and presents the statement of sustainable development goals and targets, 16.6, 17.14, 17.17, 16.7 and 16.7 in the local level.

#### **Emergency Planning and Preparedness including CDF/ELF**

Emergency planning and preparedness development timeline recorded an 85% completion rate for all four (4) activities scheduled for implementation for the year 2024. These activities cover disaster mitigation and avoidance, disaster, vaccination against COVID-19 and other pandemics, and support for emergency health management meetings. Success was made possible due to the involvement of the management of the Assembly including the health department and other agencies involved in managing disaster created in the areas of pandemic in the municipality. The success of this implementation led to the achievement of the objective of "Enhanced surveillance system and build response capacity to prevent, detect, contain, and respond to a possible epidemic outbreak" under the development timeline, and also contributed to the achievement of the development timeline's goal of "Achieve Emergency planning and preparedness for disaster development planning agenda at all levels in response to potential hazard and natural disaster (including COVID-19)". The achievement of these objectives and goals helped achieve the sustainable development goal targets, 11, 16, 30, and 36 at the local level.

Table 2: Total number of active projects

| Development Timeline                                  | Physical projects in the district      |      |      |                                              |      |      | Total |
|-------------------------------------------------------|----------------------------------------|------|------|----------------------------------------------|------|------|-------|
|                                                       | Full size projects from previous years |      |      | Approved new projects introduced in the year |      |      |       |
|                                                       | 2021                                   | 2022 | 2024 | 2021                                         | 2022 | 2024 |       |
| Economic Development                                  | 0                                      | 0    | 0    | 0                                            | 0    | 0    | 0     |
| Health Development                                    | 0                                      | 1    | 0    | 0                                            | 0    | 1    | 1     |
| Environment Infrastructure Climate Governance         | 0                                      | 1    | 1    | 0                                            | 0    | 0    | 1     |
| Disaster Emergency Public Accessibility               | 1                                      | 0    | 0    | 0                                            | 0    | 0    | 0     |
| Emergency Planning                                    | 0                                      | 0    | 0    | 0                                            | 0    | 0    | 0     |
| Implementation, Coordination, Monitoring & Evaluation | 0                                      | 0    | 0    | 0                                            | 0    | 0    | 0     |
| Total                                                 | 0                                      | 1    | 1    | 0                                            | 0    | 0    | 1     |

Source: DDCU, January 2023

#### 11.1.5 Distribution of Physical projects among departments of the Assembly

The project register for the Assembly had a total of 37 physical projects implemented in the year 2024. Out of these, two (2) projects were maintenance projects for MDAs and decrease (3) were all new projects and not completed, but (4) out of these are active projects which plan on under way to complete them this year by the end of the year. Most of these projects were supported by the roads and 15 new projects started in 2024. Most of the projects implemented by the roads department were the installation of streetlights and rehabilitation and reduping of feeder roads and reform these were meant to improve volume mobility of goods and services and also improve the quality of roads in the district which was the priority of the management.

Table 1 gives details of the breakdown of projects by the Department of the Assembly in 2024.

Table 1: Breakdown of Physical projects among departments of the Assembly

| Department              | No. of projects |     | Total | Collaborating MDA                                    |
|-------------------------|-----------------|-----|-------|------------------------------------------------------|
|                         | Active          | New |       |                                                      |
| House allocation system |                 |     |       | Ministry of education                                |
| Cultural Administration | 1               | 1   | 2     | Ministry of Tourism and Water Resources              |
| Roads Department        | 1               | 11  | 12    | Electricity Company of Ghana, Feeder Road Department |
| TOTAL                   | 2               | 12  | 14    |                                                      |

Source: IDPCU, January 2025

### Project Age Analysis

The analysis of the age of projects as the chart revealed a total of 20 projects implemented in 2019 with most projects falling within 1 to 3 years. There are no projects older than 3 years except for two farms between 4 to 7 years. Table 7 also revealed that only two projects between the ages of 4 to 7 years have a significant time overrun of 4 years and 2 months. The only one overrun of 3025 (11,461) is reported for projects between the ages of 4 to 7 years old with 4 years delay and this means that the beneficiary had to postpone the project to be able to complete these delayed projects.

Table 7: Project Age Analysis

| Project Age                                       | No. of Project | Time Overrun in years and months | Time overrun (USD) | Completion rates            |             |            |
|---------------------------------------------------|----------------|----------------------------------|--------------------|-----------------------------|-------------|------------|
|                                                   |                |                                  |                    | Average Completion Rate (%) | Planned (%) | Actual (%) |
| Projects that are 20 years but less than 24 years | 0              | 0                                | 0                  | 0                           | 0           | 0          |
| Projects that are 11 years but less than 12 years | 0              | 0                                | 0                  | 0                           | 0           | 0          |
| Projects that are 11 years but less than 12 years | 1              | 0                                | 0                  | 0                           | 0           | 0          |
| Projects that are 4 years but less than 12 years  | 0              | 0                                | 0                  | 0                           | 0           | 0          |
| Projects that are 3 years but less than 7 years   | 0              | 0                                | 0                  | 0                           | 0           | 0          |
| Projects that are 7 years but less than 8 years   | 0              | 0                                | 0                  | 0                           | 0           | 0          |
| Projects that are 1 year but less than 7 years    | 0              | 0                                | 0                  | 0                           | 0           | 0          |
| Projects that are 2 years but less than 8 years   | 0              | 0                                | 0                  | 0                           | 0           | 0          |
| Projects that are 4 years but less than 7 years   | 0              | 0                                | 0                  | 0                           | 0           | 0          |
| Projects that are 1 year but less than 4 years    | 1              | 0                                | 0                  | 0                           | 0           | 0          |
| Projects that are 2 years but less than 7 years   | 1              | 0                                | 0                  | 20%                         | 100%        | 100%       |

|                                                    |    |   |   |     |      |      |
|----------------------------------------------------|----|---|---|-----|------|------|
| Project that are 1 year old and less than 1 year   | 17 | 0 | 0 | 23% | 100% | 100% |
| Project that are 6 years old and less than 6 years | 0  | 0 | 0 | 0   | 0    | 0    |
| Total projects                                     | 17 |   |   |     | 100% |      |

Source: JICA, January 2007

The average completion rate of all projects is 97.23% with the highest being 100% and the lowest 0% for 3- to 4-year old projects indicating potential project completion. The table further revealed that those projects age completion with highest numbers which comprise projects that are completed on time have no significant delays or cost overruns. This implies that management has the responsibility of monitoring projects' resources to complete all projects on time to avoid paying more costs for delayed projects.

#### 1.1.1.7 Summary of Fund Acquisition and Disbursement

The source of fund acquisition and realisation on implemented projects for JICA revealed that the credit agreement had the highest number of projects (17) representing a percentage performance of 100% followed by the Department of Education with 4 projects. The source of fund acquisition for almost all the projects was either implemented on existing funds raised by public institutions or request from the national authority whilst other departments used directly available national funds. This activity for fund disbursement continues to assist the realisation of any offered people. These ensured that the projects were implemented without any or minimal disruptions from offered people. This also promoted cost effectiveness, efficiency and socially responsible project management strategy.

#### Progress Report

One hundred and fifty-four (154) program activities were planned for implementation under the (8) development dimensions including Economic development 24, Social development 22, Environment, infrastructure, and human settlement, 44, Governance, corruption, and public accountability, 22, Emergency planning and preparedness, including UNDP 18, 3 and the implementation, continuous monitoring, and evaluation, 7.

The analysis of the first time revealed that 129 activities were completed, and 4 were in the process of implementation. This put the completed percentage rate at 83.7%.

#### Economic Development Dimension

The economic development dimension utilised 19 planned activities for the year and implemented 12 representing a percentage performance of 63%. Most of these programs were training given to various collectors, agricultural waste operators such as flower-based organisation, and private sector operators (SMMA) is a bid to improve their business environment and financial health. The successful completion of these programs was due to the commitment of the management of the

Access to income revenue generated, especially for internally generated revenue, and promote business development, tourism-related activities, and increased agriculture production for better living conditions for the people. These would help achieve the objectives of ensuring improved local performance and sustainability, improved skills development for the industry, and diversification and expansion of the tourism industry for economic development and would directly lead to the attainment of the sector goal of promoting job creation and decent work environment in the municipality. It will certainly also promote the attainment of sustainable goals and targets: 17.1, 4.4, 13.3.1, and 2.4 in the sector.

#### **Social Development Initiatives**

A total of 527 new (N) program activities were planned for the year 2024. Out of these 11.1 were accomplished or yet to start. This puts the completion rate at 2%.

These new works possible due to the support received from development partners, especially UNICEF, UNFPA and UNHCR in supporting the district to implement most of the child labor, unregistered child workers, and other social protection programs including LRA, gender and vulnerability, SHS for people living with disability, counseling of food insecure or persons food safety and sanitation related activities, issues of disability, discrimination, youth situation during the year, and they were all geared towards the achievement of objectives of improving the policy and legal environment for child protection and development and the strengthening of institutions responsible for birth control and management. Other activities implemented under the social development theme were aimed to build and education including training of teachers and protection of students and other stakeholders in the municipality including UNICEF and women's group leaders, and implementation of HIV/AIDS related issues including vigorous campaigns and sensitization. These activities promoted the achievement of the sector goal of creating equal opportunities as reported in the 2022-2023 DAFED and sustainable development goals and targets: 5.1, 5.2, 5.3, 3.4, 3.7, 3.1, 4.1, 4.2, 4.5, 4.6, 8, and 17.

#### **Environment, Infrastructure, and Human Settlements**

In a bid to achieve the goal of "redefining the natural environment and ensuring a resilient built environment under the environment, infrastructure, and human settlements" development theme, last year 361 programs were completed out of last year 349 planned activities for 2024 representing a 97% completion rate. These programs were implemented to mean such as construction of bore to enhance the natural environment including forestry, management of river banks, climate change and adaptation plans, flood zoning activities, grading, regrading, rehabilitation of feeder roads as well as actively human settlement patterns to enhance education within the built environment. These would lead to the achievement of the sector objective of promoting proactive planning for disaster prevention and mitigation and eventually achieving the development theme goal to ensure there will help achieve sustainable development goal and targets of 11.1, 11.2, 11.3, and 11.4.

#### **Government, Corruption and Public Accountability**

The development theme under corruption (C) completed programs out of the total twenty-five (25) planned activities for 2024 representing a 20% completion rate. These were largely

program aimed to security management, decentralized planning and budgeting, and the promotion of horizontal management and arrangement including enhancing the effectiveness of the municipal administration, to promote decentralized local governance. These activities implemented led to the achievement of the objective under this development dimension which is to: *strengthen political and administrative decentralization at the local level and enhance security service delivery and hence also contributed to the attainment of the goal of “Achieving a Stable, United, and Safe Society” for the entire and promote the attainment of sustainable development goals and targets, 16.6, 17.14, 17.17, 18.1 and 18.2 at the local level.*

### **Emergency Planning and Preparedness including COVID-19**

Emergency planning and preparedness development dimension, recorded a 100% completion rate for all three (3) activities accounted for implementation for the year 2024.

These activities cover disaster mitigation and emergency reaction, recovery support (CRSP) and other protection, and support for emergency health management response. Success was made possible due to the commitment of the management of the Authority including the health department and other agencies involved in managing disaster attached to the issues of pandemic in the municipality.

The success of the implementation led to the achievement of the objective of “Enhanced surveillance system and build response capacity to prevent, detect, contain, and respond to a possible epidemic, pandemic” under this development dimension, and also contributed to the attainment of the development dimension’s goal of “Achievement Emergency planning and preparedness into Ghana’s development planning agenda at all levels to respond to potential natural and external threats including COVID-19”. The attainment of these objectives and goals helped achieve the sustainable development goal and targets, 11.5, 13, 16, 17, and 18 at the local level.

### **Implementation, Coordination, Monitoring and Evaluation**

Seven (7) activities were planned and completed for the year 2024. These were in the area of conducting NIMC activities, organization of public accountability forum, review of plans and budgets, and other internal management issues related to the growth and promotion of service delivery at the local. The success had enhanced the achievement of the objectives of this development dimension which is to: *“Strengthen joint programming, implementation and coordination and monitoring and evaluation at all levels and has contributed to the attainment of the sector goal of improving the “delivery” of development outcomes at all levels”* and helped attain the sustainable development goal and targets, 17.1, 17.14, 17.18 and 17.19 at the local level. Table 12 illustrates the details of the progress register, the level of completion, cost, and partners where possible for verification.

[illegible]

| Date |            | Time  |       | Location   |       | Weather |       | Wind  |       | Sea   |       | Visibility |       | Remarks |         |       |
|------|------------|-------|-------|------------|-------|---------|-------|-------|-------|-------|-------|------------|-------|---------|---------|-------|
| 1    | 10/10/2010 | 08:00 | 09:00 | 10/10/2010 | 11:00 | 12:00   | 13:00 | 14:00 | 15:00 | 16:00 | 17:00 | 18:00      | 19:00 | 20:00   | 21:00   | 22:00 |
| 2    | 11/10/2010 | 08:00 | 09:00 | 11/10/2010 | 11:00 | 12:00   | 13:00 | 14:00 | 15:00 | 16:00 | 17:00 | 18:00      | 19:00 | 20:00   | 21:00   | 22:00 |
| 3    | 12/10/2010 | 08:00 | 09:00 | 12/10/2010 | 11:00 | 12:00   | 13:00 | 14:00 | 15:00 | 16:00 | 17:00 | 18:00      | 19:00 | 20:00   | 21:00   | 22:00 |
| 4    | 13/10/2010 | 08:00 | 09:00 | 13/10/2010 | 11:00 | 12:00   | 13:00 | 14:00 | 15:00 | 16:00 | 17:00 | 18:00      | 19:00 | 20:00   | 21:00   | 22:00 |
| 5    | 14/10/2010 | 08:00 | 09:00 | 14/10/2010 | 11:00 | 12:00   | 13:00 | 14:00 | 15:00 | 16:00 | 17:00 | 18:00      | 19:00 | 20:00   | 21:00   | 22:00 |
| 6    | 15/10/2010 | 08:00 | 09:00 | 15/10/2010 | 11:00 | 12:00   | 13:00 | 14:00 | 15:00 | 16:00 | 17:00 | 18:00      | 19:00 | 20:00   | 21:00   | 22:00 |
| 7    | 16/10/2010 | 08:00 | 09:00 | 16/10/2010 | 11:00 | 12:00   | 13:00 | 14:00 | 15:00 | 16:00 | 17:00 | 18:00      | 19:00 | 20:00   | 21:00   | 22:00 |
| 8    | 17/10/2010 | 08:00 | 09:00 | 17/10/2010 | 11:00 | 12:00   | 13:00 | 14:00 | 15:00 | 16:00 | 17:00 | 18:00      | 19:00 | 20:00   | 21:00   | 22:00 |
| 9    | 18/10/2010 | 08:00 | 09:00 | 18/10/2010 | 11:00 | 12:00   | 13:00 | 14:00 | 15:00 | 16:00 | 17:00 | 18:00      | 19:00 | 20:00   | 21:00   | 22:00 |
| 10   | 19/10/2010 | 08:00 | 09:00 | 19/10/2010 | 11:00 | 12:00   | 13:00 | 14:00 | 15:00 | 16:00 | 17:00 | 18:00      | 19:00 | 20:00   | 21:00   | 22:00 |
| 11   | 20/10/2010 | 08:00 | 09:00 | 20/10/2010 | 11:00 | 12:00   | 13:00 | 14:00 | 15:00 | 16:00 | 17:00 | 18:00      | 19:00 | 20:00   | 21:00   | 22:00 |
| 12   | 21/10/2010 | 08:00 | 09:00 | 21/10/2010 | 11:00 | 12:00   | 13:00 | 14:00 | 15:00 | 16:00 | 17:00 | 18:00      | 19:00 | 20:00   | 21:00   | 22:00 |
| 13   | 22/10/2010 | 08:00 | 09:00 | 22/10/2010 | 11:00 | 12:00   | 13:00 | 14:00 | 15:00 | 16:00 | 17:00 | 18:00      | 19:00 | 20:00   | 21:00   | 22:00 |
| 14   | 23/10/2010 | 08:00 | 09:00 | 23/10/2010 | 11:00 | 12:00   | 13:00 | 14:00 | 15:00 | 16:00 | 17:00 | 18:00      | 19:00 | 20:00   | 21:00   | 22:00 |
| 15   | 24/10/2010 | 08:00 | 09:00 | 24/10/2010 | 11:00 | 12:00   | 13:00 | 14:00 | 15:00 | 16:00 | 17:00 | 18:00      | 19:00 | 20:00   | 21:00   | 22:00 |
| 16   | 25/10/2010 | 08:00 | 09:00 | 25/10/2010 | 11:00 | 12:00   | 13:00 | 14:00 | 15:00 | 16:00 | 17:00 | 18:00      | 19:00 | 20:00   | 21:00   | 22:00 |
| 17   | 26/10/2010 | 08:00 | 09:00 | 26/10/2010 | 11:00 | 12:00   | 13:00 | 14:00 | 15:00 | 16:00 | 17:00 | 18:00      | 19:00 | 20:00   | 21:00   | 22:00 |
| 18   | 27/10/2010 | 08:00 | 09:00 | 27/10/2010 | 11:00 | 12:00   | 13:00 | 14:00 | 15:00 | 16:00 | 17:00 | 18:00      | 19:00 | 20:00   | 21:00   | 22:00 |
| 19   | 28/10/2010 | 08:00 | 09:00 | 28/10/2010 | 11:00 | 12:00   | 13:00 | 14:00 | 15:00 | 16:00 | 17:00 | 18:00      | 19:00 | 20:00   | 21:00   | 22:00 |
| 20   | 29/10/2010 | 08:00 | 09:00 | 29/10/2010 | 11:00 | 12:00   | 13:00 | 14:00 | 15:00 | 16:00 | 17:00 | 18:00      | 19:00 | 20:00   | 21:00</ |       |









| T.M. 11-12-2019 |     |     |     |     |     |     |     |     |      |
|-----------------|-----|-----|-----|-----|-----|-----|-----|-----|------|
| 1               | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10   |
| 11              | 12  | 13  | 14  | 15  | 16  | 17  | 18  | 19  | 20   |
| 21              | 22  | 23  | 24  | 25  | 26  | 27  | 28  | 29  | 30   |
| 31              | 32  | 33  | 34  | 35  | 36  | 37  | 38  | 39  | 40   |
| 41              | 42  | 43  | 44  | 45  | 46  | 47  | 48  | 49  | 50   |
| 51              | 52  | 53  | 54  | 55  | 56  | 57  | 58  | 59  | 60   |
| 61              | 62  | 63  | 64  | 65  | 66  | 67  | 68  | 69  | 70   |
| 71              | 72  | 73  | 74  | 75  | 76  | 77  | 78  | 79  | 80   |
| 81              | 82  | 83  | 84  | 85  | 86  | 87  | 88  | 89  | 90   |
| 91              | 92  | 93  | 94  | 95  | 96  | 97  | 98  | 99  | 100  |
| 101             | 102 | 103 | 104 | 105 | 106 | 107 | 108 | 109 | 110  |
| 111             | 112 | 113 | 114 | 115 | 116 | 117 | 118 | 119 | 120  |
| 121             | 122 | 123 | 124 | 125 | 126 | 127 | 128 | 129 | 130  |
| 131             | 132 | 133 | 134 | 135 | 136 | 137 | 138 | 139 | 140  |
| 141             | 142 | 143 | 144 | 145 | 146 | 147 | 148 | 149 | 150  |
| 151             | 152 | 153 | 154 | 155 | 156 | 157 | 158 | 159 | 160  |
| 161             | 162 | 163 | 164 | 165 | 166 | 167 | 168 | 169 | 170  |
| 171             | 172 | 173 | 174 | 175 | 176 | 177 | 178 | 179 | 180  |
| 181             | 182 | 183 | 184 | 185 | 186 | 187 | 188 | 189 | 190  |
| 191             | 192 | 193 | 194 | 195 | 196 | 197 | 198 | 199 | 200  |
| 201             | 202 | 203 | 204 | 205 | 206 | 207 | 208 | 209 | 210  |
| 211             | 212 | 213 | 214 | 215 | 216 | 217 | 218 | 219 | 220  |
| 221             | 222 | 223 | 224 | 225 | 226 | 227 | 228 | 229 | 230  |
| 231             | 232 | 233 | 234 | 235 | 236 | 237 | 238 | 239 | 240  |
| 241             | 242 | 243 | 244 | 245 | 246 | 247 | 248 | 249 | 250  |
| 251             | 252 | 253 | 254 | 255 | 256 | 257 | 258 | 259 | 260  |
| 261             | 262 | 263 | 264 | 265 | 266 | 267 | 268 | 269 | 270  |
| 271             | 272 | 273 | 274 | 275 | 276 | 277 | 278 | 279 | 280  |
| 281             | 282 | 283 | 284 | 285 | 286 | 287 | 288 | 289 | 290  |
| 291             | 292 | 293 | 294 | 295 | 296 | 297 | 298 | 299 | 300  |
| 301             | 302 | 303 | 304 | 305 | 306 | 307 | 308 | 309 | 310  |
| 311             | 312 | 313 | 314 | 315 | 316 | 317 | 318 | 319 | 320  |
| 321             | 322 | 323 | 324 | 325 | 326 | 327 | 328 | 329 | 330  |
| 331             | 332 | 333 | 334 | 335 | 336 | 337 | 338 | 339 | 340  |
| 341             | 342 | 343 | 344 | 345 | 346 | 347 | 348 | 349 | 350  |
| 351             | 352 | 353 | 354 | 355 | 356 | 357 | 358 | 359 | 360  |
| 361             | 362 | 363 | 364 | 365 | 366 | 367 | 368 | 369 | 370  |
| 371             | 372 | 373 | 374 | 375 | 376 | 377 | 378 | 379 | 380  |
| 381             | 382 | 383 | 384 | 385 | 386 | 387 | 388 | 389 | 390  |
| 391             | 392 | 393 | 394 | 395 | 396 | 397 | 398 | 399 | 400  |
| 401             | 402 | 403 | 404 | 405 | 406 | 407 | 408 | 409 | 410  |
| 411             | 412 | 413 | 414 | 415 | 416 | 417 | 418 | 419 | 420  |
| 421             | 422 | 423 | 424 | 425 | 426 | 427 | 428 | 429 | 430  |
| 431             | 432 | 433 | 434 | 435 | 436 | 437 | 438 | 439 | 440  |
| 441             | 442 | 443 | 444 | 445 | 446 | 447 | 448 | 449 | 450  |
| 451             | 452 | 453 | 454 | 455 | 456 | 457 | 458 | 459 | 460  |
| 461             | 462 | 463 | 464 | 465 | 466 | 467 | 468 | 469 | 470  |
| 471             | 472 | 473 | 474 | 475 | 476 | 477 | 478 | 479 | 480  |
| 481             | 482 | 483 | 484 | 485 | 486 | 487 | 488 | 489 | 490  |
| 491             | 492 | 493 | 494 | 495 | 496 | 497 | 498 | 499 | 500  |
| 501             | 502 | 503 | 504 | 505 | 506 | 507 | 508 | 509 | 510  |
| 511             | 512 | 513 | 514 | 515 | 516 | 517 | 518 | 519 | 520  |
| 521             | 522 | 523 | 524 | 525 | 526 | 527 | 528 | 529 | 530  |
| 531             | 532 | 533 | 534 | 535 | 536 | 537 | 538 | 539 | 540  |
| 541             | 542 | 543 | 544 | 545 | 546 | 547 | 548 | 549 | 550  |
| 551             | 552 | 553 | 554 | 555 | 556 | 557 | 558 | 559 | 560  |
| 561             | 562 | 563 | 564 | 565 | 566 | 567 | 568 | 569 | 570  |
| 571             | 572 | 573 | 574 | 575 | 576 | 577 | 578 | 579 | 580  |
| 581             | 582 | 583 | 584 | 585 | 586 | 587 | 588 | 589 | 590  |
| 591             | 592 | 593 | 594 | 595 | 596 | 597 | 598 | 599 | 600  |
| 601             | 602 | 603 | 604 | 605 | 606 | 607 | 608 | 609 | 610  |
| 611             | 612 | 613 | 614 | 615 | 616 | 617 | 618 | 619 | 620  |
| 621             | 622 | 623 | 624 | 625 | 626 | 627 | 628 | 629 | 630  |
| 631             | 632 | 633 | 634 | 635 | 636 | 637 | 638 | 639 | 640  |
| 641             | 642 | 643 | 644 | 645 | 646 | 647 | 648 | 649 | 650  |
| 651             | 652 | 653 | 654 | 655 | 656 | 657 | 658 | 659 | 660  |
| 661             | 662 | 663 | 664 | 665 | 666 | 667 | 668 | 669 | 670  |
| 671             | 672 | 673 | 674 | 675 | 676 | 677 | 678 | 679 | 680  |
| 681             | 682 | 683 | 684 | 685 | 686 | 687 | 688 | 689 | 690  |
| 691             | 692 | 693 | 694 | 695 | 696 | 697 | 698 | 699 | 700  |
| 701             | 702 | 703 | 704 | 705 | 706 | 707 | 708 | 709 | 710  |
| 711             | 712 | 713 | 714 | 715 | 716 | 717 | 718 | 719 | 720  |
| 721             | 722 | 723 | 724 | 725 | 726 | 727 | 728 | 729 | 730  |
| 731             | 732 | 733 | 734 | 735 | 736 | 737 | 738 | 739 | 740  |
| 741             | 742 | 743 | 744 | 745 | 746 | 747 | 748 | 749 | 750  |
| 751             | 752 | 753 | 754 | 755 | 756 | 757 | 758 | 759 | 760  |
| 761             | 762 | 763 | 764 | 765 | 766 | 767 | 768 | 769 | 770  |
| 771             | 772 | 773 | 774 | 775 | 776 | 777 | 778 | 779 | 780  |
| 781             | 782 | 783 | 784 | 785 | 786 | 787 | 788 | 789 | 790  |
| 791             | 792 | 793 | 794 | 795 | 796 | 797 | 798 | 799 | 800  |
| 801             | 802 | 803 | 804 | 805 | 806 | 807 | 808 | 809 | 810  |
| 811             | 812 | 813 | 814 | 815 | 816 | 817 | 818 | 819 | 820  |
| 821             | 822 | 823 | 824 | 825 | 826 | 827 | 828 | 829 | 830  |
| 831             | 832 | 833 | 834 | 835 | 836 | 837 | 838 | 839 | 840  |
| 841             | 842 | 843 | 844 | 845 | 846 | 847 | 848 | 849 | 850  |
| 851             | 852 | 853 | 854 | 855 | 856 | 857 | 858 | 859 | 860  |
| 861             | 862 | 863 | 864 | 865 | 866 | 867 | 868 | 869 | 870  |
| 871             | 872 | 873 | 874 | 875 | 876 | 877 | 878 | 879 | 880  |
| 881             | 882 | 883 | 884 | 885 | 886 | 887 | 888 | 889 | 890  |
| 891             | 892 | 893 | 894 | 895 | 896 | 897 | 898 | 899 | 900  |
| 901             | 902 | 903 | 904 | 905 | 906 | 907 | 908 | 909 | 910  |
| 911             | 912 | 913 | 914 | 915 | 916 | 917 | 918 | 919 | 920  |
| 921             | 922 | 923 | 924 | 925 | 926 | 927 | 928 | 929 | 930  |
| 931             | 932 | 933 | 934 | 935 | 936 | 937 | 938 | 939 | 940  |
| 941             | 942 | 943 | 944 | 945 | 946 | 947 | 948 | 949 | 950  |
| 951             | 952 | 953 | 954 | 955 | 956 | 957 | 958 | 959 | 960  |
| 961             | 962 | 963 | 964 | 965 | 966 | 967 | 968 | 969 | 970  |
| 971             | 972 | 973 | 974 | 975 | 976 | 977 | 978 | 979 | 980  |
| 981             | 982 | 983 | 984 | 985 | 986 | 987 | 988 | 989 | 990  |
| 991             | 992 | 993 | 994 | 995 | 996 | 997 | 998 | 999 | 1000 |



| TWO-STEP EQUATIONS |    |    |    |    |    |    |    |    |     |
|--------------------|----|----|----|----|----|----|----|----|-----|
| 1                  | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10  |
| 11                 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20  |
| 21                 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30  |
| 31                 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40  |
| 41                 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50  |
| 51                 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60  |
| 61                 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70  |
| 71                 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80  |
| 81                 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90  |
| 91                 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |

# 1. Introduction

## 2. Problem Statement

### 3. Methodology

#### 4. Results

##### 5. Conclusion

The purpose of this study is to investigate the effects of various factors on the performance of a system. The study is divided into five main sections: Introduction, Problem Statement, Methodology, Results, and Conclusion. The Introduction section provides an overview of the study and its objectives. The Problem Statement section describes the specific problem being investigated. The Methodology section details the experimental setup and the methods used to collect and analyze data. The Results section presents the findings of the study, and the Conclusion section summarizes the key results and provides recommendations for future research.

| Factor      | Value | Unit | Notes                         |
|-------------|-------|------|-------------------------------|
| Temperature | 25    | °C   | Room temperature              |
| Humidity    | 50    | %    | Relative humidity             |
| Pressure    | 1013  | hPa  | Standard atmospheric pressure |
| Speed       | 10    | m/s  | Wind speed                    |
| Direction   | 0     | °    | Wind direction                |
| Time        | 10    | min  | Duration of test              |
| Distance    | 100   | m    | Distance traveled             |
| Energy      | 100   | J    | Energy consumed               |
| Power       | 10    | W    | Power output                  |
| Efficiency  | 0.8   |      | Efficiency of system          |

The results of the study show that the system performs well under the tested conditions. The efficiency of the system is high, and the power output is consistent. The study also shows that the system is robust to changes in environmental conditions.

In conclusion, the study has shown that the system is capable of performing well under a variety of conditions. The results of the study provide a basis for further research and development.

# 1. Introduction

## 2. Problem Statement

### 3. Methodology

#### 4. Results

The first part of the study was to identify the key factors influencing the performance of the system. This was done through a series of interviews with experts in the field. The second part was to develop a model that could predict the performance of the system based on these factors. This was done using a combination of statistical analysis and machine learning techniques. The third part was to validate the model using a set of test data. This was done by comparing the predicted performance with the actual performance of the system.

The results of the study show that the model is able to predict the performance of the system with a high degree of accuracy. This suggests that the model is a useful tool for predicting the performance of the system. The study also identified several key factors that influence the performance of the system, which can be used to optimize the system.

The study was limited by the availability of data and the expertise of the researchers. Future research should focus on expanding the data set and involving more experts in the field. This will help to improve the accuracy of the model and identify more factors that influence the performance of the system.

In conclusion, the study has shown that the model is a useful tool for predicting the performance of the system. The study also identified several key factors that influence the performance of the system, which can be used to optimize the system.

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In conclusion, the study has shown that the model is a useful tool for predicting the performance of the system. The study also identified several key factors that influence the performance of the system, which can be used to optimize the system.



| Year |      | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 | 2034 | 2035 | 2036 | 2037 | 2038 | 2039 | 2040 | 2041 | 2042 | 2043 | 2044 | 2045 | 2046 | 2047 | 2048 | 2049 | 2050 | 2051 | 2052 | 2053 | 2054 | 2055 | 2056 | 2057 | 2058 | 2059 | 2060 | 2061 | 2062 | 2063 | 2064 | 2065 | 2066 | 2067 | 2068 | 2069 | 2070 | 2071 | 2072 | 2073 | 2074 | 2075 | 2076 | 2077 | 2078 | 2079 | 2080 | 2081 | 2082 | 2083 | 2084 | 2085 | 2086 | 2087 | 2088 | 2089 | 2090 | 2091 | 2092 | 2093 | 2094 | 2095 | 2096 | 2097 | 2098 | 2099 | 2100 |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 | 2034 | 2035 | 2036 | 2037 | 2038 | 2039 | 2040 | 2041 | 2042 | 2043 | 2044 | 2045 | 2046 | 2047 | 2048 | 2049 | 2050 | 2051 | 2052 | 2053 | 2054 | 2055 | 2056 | 2057 | 2058 | 2059 | 2060 | 2061 | 2062 | 2063 | 2064 | 2065 | 2066 | 2067 | 2068 | 2069 | 2070 | 2071 | 2072 | 2073 | 2074 | 2075 | 2076 | 2077 | 2078 | 2079 | 2080 | 2081 | 2082 | 2083 | 2084 | 2085 | 2086 | 2087 | 2088 | 2089 | 2090 | 2091 | 2092 | 2093 | 2094 | 2095 | 2096 | 2097 | 2098 | 2099 | 2100 |      |      |

[illegible]

# 1. Introduction

## 2. Theoretical Background

### 3. Methodology

### 4. Results

The first part of the study

involved a series of experiments

designed to test the hypothesis

that the proposed model

could explain the observed

data. The results of these

experiments are presented

in Table 1. The data show

that the model is able to

explain the observed

data. The results of these

experiments are presented

in Table 1. The data show

that the model is able to

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data. The results of these

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in Table 1. The data show

that the model is able to

explain the observed

data. The results of these

experiments are presented

in Table 1. The data show

| Project Name |          | Start Date | End Date   | Duration | Progress | Status      |
|--------------|----------|------------|------------|----------|----------|-------------|
| Project A    | Task A.1 | 2023-01-01 | 2023-01-15 | 14 days  | 100%     | Completed   |
| Project B    | Task B.1 | 2023-01-16 | 2023-02-01 | 16 days  | 50%      | In Progress |
|              | Task B.2 | 2023-02-02 | 2023-02-15 | 13 days  | 0%       | Not Started |
| Project C    | Task C.1 | 2023-02-16 | 2023-03-01 | 15 days  | 0%       | Not Started |
|              | Task C.2 | 2023-03-02 | 2023-03-15 | 13 days  | 0%       | Not Started |
| Project D    | Task D.1 | 2023-03-16 | 2023-03-31 | 15 days  | 0%       | Not Started |
| Project E    | Task E.1 | 2023-04-01 | 2023-04-15 | 14 days  | 0%       | Not Started |





| TWO-STEP PROBLEM                                                                                                              |        |        |        |        |        |        |        |        |        |
|-------------------------------------------------------------------------------------------------------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Problem                                                                                                                       | Step 1 | Step 2 | Step 3 | Step 4 | Step 5 | Step 6 | Step 7 | Step 8 | Step 9 |
| 1. A car starts at 0 miles per hour and accelerates to 60 miles per hour in 10 seconds. How far does it travel in that time?  | 0      | 60     | 10     |        |        |        |        |        |        |
| 2. A car starts at 0 miles per hour and accelerates to 60 miles per hour in 10 seconds. How far does it travel in that time?  | 0      | 60     | 10     |        |        |        |        |        |        |
| 3. A car starts at 0 miles per hour and accelerates to 60 miles per hour in 10 seconds. How far does it travel in that time?  | 0      | 60     | 10     |        |        |        |        |        |        |
| 4. A car starts at 0 miles per hour and accelerates to 60 miles per hour in 10 seconds. How far does it travel in that time?  | 0      | 60     | 10     |        |        |        |        |        |        |
| 5. A car starts at 0 miles per hour and accelerates to 60 miles per hour in 10 seconds. How far does it travel in that time?  | 0      | 60     | 10     |        |        |        |        |        |        |
| 6. A car starts at 0 miles per hour and accelerates to 60 miles per hour in 10 seconds. How far does it travel in that time?  | 0      | 60     | 10     |        |        |        |        |        |        |
| 7. A car starts at 0 miles per hour and accelerates to 60 miles per hour in 10 seconds. How far does it travel in that time?  | 0      | 60     | 10     |        |        |        |        |        |        |
| 8. A car starts at 0 miles per hour and accelerates to 60 miles per hour in 10 seconds. How far does it travel in that time?  | 0      | 60     | 10     |        |        |        |        |        |        |
| 9. A car starts at 0 miles per hour and accelerates to 60 miles per hour in 10 seconds. How far does it travel in that time?  | 0      | 60     | 10     |        |        |        |        |        |        |
| 10. A car starts at 0 miles per hour and accelerates to 60 miles per hour in 10 seconds. How far does it travel in that time? | 0      | 60     | 10     |        |        |        |        |        |        |

[illegible]

# THE UNIVERSITY OF CHICAGO

| NAME              | STREET                  | CITY    | STATE | ZIP   | PHONE        |
|-------------------|-------------------------|---------|-------|-------|--------------|
| JOHN DOE          | 1234 E. 57TH ST.        | CHICAGO | IL    | 60637 | 773-555-1234 |
| JANE SMITH        | 5678 N. ELSTON AVE.     | CHICAGO | IL    | 60630 | 773-555-5678 |
| BOB JONES         | 9101 W. FULLER AVE.     | CHICAGO | IL    | 60644 | 773-555-9101 |
| ALICE BROWN       | 2345 S. MICHIGAN AVE.   | CHICAGO | IL    | 60605 | 773-555-2345 |
| CHARLIE GREEN     | 3456 N. LAKEVIEW AVE.   | CHICAGO | IL    | 60641 | 773-555-3456 |
| DAVID WHITE       | 4567 W. 35TH ST.        | CHICAGO | IL    | 60649 | 773-555-4567 |
| EVE BLACK         | 5678 E. 71ST AVE.       | CHICAGO | IL    | 60631 | 773-555-5678 |
| FRANK GRAY        | 6789 N. CASS AVE.       | CHICAGO | IL    | 60640 | 773-555-6789 |
| GRACE HARRIS      | 7890 S. HALSTED AVE.    | CHICAGO | IL    | 60620 | 773-555-7890 |
| HELEN KING        | 8901 W. 95TH ST.        | CHICAGO | IL    | 60643 | 773-555-8901 |
| IRVING LYNN       | 9012 E. 47TH AVE.       | CHICAGO | IL    | 60630 | 773-555-9012 |
| JACK MASON        | 1234 N. STATE ST.       | CHICAGO | IL    | 60610 | 773-555-1234 |
| JILL NELSON       | 2345 W. 11TH AVE.       | CHICAGO | IL    | 60627 | 773-555-2345 |
| JOHN O'BRIEN      | 3456 E. 91ST AVE.       | CHICAGO | IL    | 60619 | 773-555-3456 |
| JANE PETERSON     | 4567 N. DEMPSTER AVE.   | CHICAGO | IL    | 60647 | 773-555-4567 |
| BOB QUINN         | 5678 S. PULASKI AVE.    | CHICAGO | IL    | 60629 | 773-555-5678 |
| ALICE ROSS        | 6789 W. 63RD ST.        | CHICAGO | IL    | 60638 | 773-555-6789 |
| CHARLIE STEVENSON | 7890 E. 12TH AVE.       | CHICAGO | IL    | 60617 | 773-555-7890 |
| DAVID TAYLOR      | 8901 N. WILSON AVE.     | CHICAGO | IL    | 60642 | 773-555-8901 |
| EVE VAN DYKE      | 9012 S. UNIVERSITY AVE. | CHICAGO | IL    | 60607 | 773-555-9012 |
| FRANK WATSON      | 1234 E. 83RD AVE.       | CHICAGO | IL    | 60619 | 773-555-1234 |
| GRACE WILSON      | 2345 N. MICHIGAN AVE.   | CHICAGO | IL    | 60611 | 773-555-2345 |
| IRVING YOUNG      | 3456 W. 49TH ST.        | CHICAGO | IL    | 60632 | 773-555-3456 |
| JACK ZIMMERMAN    | 4567 E. 19TH AVE.       | CHICAGO | IL    | 60614 | 773-555-4567 |



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| Date |       | Time  |       | Location |       | Weather |       | Remarks |       |
|------|-------|-------|-------|----------|-------|---------|-------|---------|-------|
| 1941 | 10/10 | 10:00 | 11:00 | 12:00    | 13:00 | 14:00   | 15:00 | 16:00   | 17:00 |
| 1941 | 10/11 | 10:00 | 11:00 | 12:00    | 13:00 | 14:00   | 15:00 | 16:00   | 17:00 |
| 1941 | 10/12 | 10:00 | 11:00 | 12:00    | 13:00 | 14:00   | 15:00 | 16:00   | 17:00 |
| 1941 | 10/13 | 10:00 | 11:00 | 12:00    | 13:00 | 14:00   | 15:00 | 16:00   | 17:00 |
| 1941 | 10/14 | 10:00 | 11:00 | 12:00    | 13:00 | 14:00   | 15:00 | 16:00   | 17:00 |
| 1941 | 10/15 | 10:00 | 11:00 | 12:00    | 13:00 | 14:00   | 15:00 | 16:00   | 17:00 |
| 1941 | 10/16 | 10:00 | 11:00 | 12:00    | 13:00 | 14:00   | 15:00 | 16:00   | 17:00 |
| 1941 | 10/17 | 10:00 | 11:00 | 12:00    | 13:00 | 14:00   | 15:00 | 16:00   | 17:00 |
| 1941 | 10/18 | 10:00 | 11:00 | 12:00    | 13:00 | 14:00   | 15:00 | 16:00   | 17:00 |
| 1941 | 10/19 | 10:00 | 11:00 | 12:00    | 13:00 | 14:00   | 15:00 | 16:00   | 17:00 |
| 1941 | 10/20 | 10:00 | 11:00 | 12:00    | 13:00 | 14:00   | 15:00 | 16:00   | 17:00 |
| 1941 | 10/21 | 10:00 | 11:00 | 12:00    | 13:00 | 14:00   | 15:00 | 16:00   | 17:00 |
| 1941 | 10/22 | 10:00 | 11:00 | 12:00    | 13:00 | 14:00   | 15:00 | 16:00   | 17:00 |
| 1941 | 10/23 | 10:00 | 11:00 | 12:00    | 13:00 | 14:00   | 15:00 | 16:00   | 17:00 |
| 1941 | 10/24 | 10:00 | 11:00 | 12:00    | 13:00 | 14:00   | 15:00 | 16:00   | 17:00 |
| 1941 | 10/25 | 10:00 | 11:00 | 12:00    | 13:00 | 14:00   | 15:00 | 16:00   | 17:00 |
| 1941 | 10/26 | 10:00 | 11:00 | 12:00    | 13:00 | 14:00   | 15:00 | 16:00   | 17:00 |
| 1941 | 10/27 | 10:00 | 11:00 | 12:00    | 13:00 | 14:00   | 15:00 | 16:00   | 17:00 |
| 1941 | 10/28 | 10:00 | 11:00 | 12:00    | 13:00 | 14:00   | 15:00 | 16:00   | 17:00 |
| 1941 | 10/29 | 10:00 | 11:00 | 12:00    | 13:00 | 14:00   | 15:00 | 16:00   | 17:00 |
| 1941 | 10/30 | 10:00 | 11:00 | 12:00    | 13:00 | 14:00   | 15:00 | 16:00   | 17:00 |
| 1941 | 10/31 | 10:00 | 11:00 | 12:00    | 13:00 | 14:00   | 15:00 | 16:00   | 17:00 |

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|--|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|
|--|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|

| Date |   | Time |   | Location |   | Weather |   | Wind |    | Sea |    | Visibility |    | Temperature |    | Humidity |    | Pressure |    | Barometer |    | Compass |    | Log |    |    |    |    |    |
|------|---|------|---|----------|---|---------|---|------|----|-----|----|------------|----|-------------|----|----------|----|----------|----|-----------|----|---------|----|-----|----|----|----|----|----|
| 1    | 2 | 3    | 4 | 5        | 6 | 7       | 8 | 9    | 10 | 11  | 12 | 13         | 14 | 15          | 16 | 17       | 18 | 19       | 20 | 21        | 22 | 23      | 24 | 25  | 26 | 27 | 28 | 29 | 30 |
| 1    | 2 | 3    | 4 | 5        | 6 | 7       | 8 | 9    | 10 | 11  | 12 | 13         | 14 | 15          | 16 | 17       | 18 | 19       | 20 | 21        | 22 | 23      | 24 | 25  | 26 | 27 | 28 | 29 | 30 |
| 1    | 2 | 3    | 4 | 5        | 6 | 7       | 8 | 9    | 10 | 11  | 12 | 13         | 14 | 15          | 16 | 17       | 18 | 19       | 20 | 21        | 22 | 23      | 24 | 25  | 26 | 27 | 28 | 29 | 30 |
| 1    | 2 | 3    | 4 | 5        | 6 | 7       | 8 | 9    | 10 | 11  | 12 | 13         | 14 | 15          | 16 | 17       | 18 | 19       | 20 | 21        | 22 | 23      | 24 | 25  | 26 | 27 | 28 | 29 | 30 |
| 1    | 2 | 3    | 4 | 5        | 6 | 7       | 8 | 9    | 10 | 11  | 12 | 13         | 14 | 15          | 16 | 17       | 18 | 19       | 20 | 21        | 22 | 23      | 24 | 25  | 26 | 27 | 28 | 29 | 30 |
| 1    | 2 | 3    | 4 | 5        | 6 | 7       | 8 | 9    | 10 | 11  | 12 | 13         | 14 | 15          | 16 | 17       | 18 | 19       | 20 | 21        | 22 | 23      | 24 | 25  | 26 | 27 | 28 | 29 | 30 |
| 1    | 2 | 3    | 4 | 5        | 6 | 7       | 8 | 9    | 10 | 11  | 12 | 13         | 14 | 15          | 16 | 17       | 18 | 19       | 20 | 21        | 22 | 23      | 24 | 25  | 26 | 27 | 28 | 29 | 30 |
| 1    | 2 | 3    | 4 | 5        | 6 | 7       | 8 | 9    | 10 | 11  | 12 | 13         | 14 | 15          | 16 | 17       | 18 | 19       | 20 | 21        | 22 | 23      | 24 | 25  | 26 | 27 | 28 | 29 | 30 |
| 1    | 2 | 3    | 4 | 5        | 6 | 7       | 8 | 9    | 10 | 11  | 12 | 13         | 14 | 15          | 16 | 17       | 18 | 19       | 20 | 21        | 22 | 23      | 24 | 25  | 26 | 27 | 28 | 29 | 30 |
| 1    | 2 | 3    | 4 | 5        | 6 | 7       | 8 | 9    | 10 | 11  | 12 | 13         | 14 | 15          | 16 | 17       | 18 | 19       | 20 | 21        | 22 | 23      | 24 | 25  | 26 | 27 | 28 | 29 | 30 |
| 1    | 2 | 3    | 4 | 5        | 6 | 7       | 8 | 9    | 10 | 11  | 12 | 13         | 14 | 15          | 16 | 17       | 18 | 19       | 20 | 21        | 22 | 23      | 24 | 25  | 26 | 27 | 28 | 29 | 30 |
| 1    | 2 | 3    | 4 | 5        | 6 | 7       | 8 | 9    | 10 | 11  | 12 | 13         | 14 | 15          | 16 | 17       | 18 | 19       | 20 | 21        | 22 | 23      | 24 | 25  | 26 | 27 | 28 | 29 | 30 |
| 1    | 2 | 3    | 4 | 5        | 6 | 7       | 8 | 9    | 10 | 11  | 12 | 13         | 14 | 15          | 16 | 17       | 18 | 19       | 20 | 21        | 22 | 23      | 24 | 25  | 26 | 27 | 28 | 29 | 30 |
| 1    | 2 | 3    | 4 | 5        | 6 | 7       | 8 | 9    | 10 | 11  | 12 | 13         | 14 | 15          | 16 | 17       | 18 | 19       | 20 | 21        | 22 | 23      | 24 | 25  | 26 | 27 | 28 | 29 | 30 |
| 1    | 2 | 3    | 4 | 5        | 6 | 7       | 8 | 9    | 10 | 11  | 12 | 13         | 14 | 15          | 16 | 17       | 18 | 19       | 20 | 21        | 22 | 23      | 24 | 25  | 26 | 27 | 28 | 29 | 30 |
| 1    | 2 | 3    | 4 | 5        | 6 | 7       | 8 | 9    | 10 | 11  | 12 | 13         | 14 | 15          | 16 | 17       | 18 | 19       | 20 | 21        | 22 | 23      | 24 | 25  | 26 | 27 | 28 | 29 | 30 |
| 1    | 2 | 3    | 4 | 5        | 6 | 7       | 8 | 9    | 10 | 11  | 12 | 13         | 14 | 15          | 16 | 17       |    |          |    |           |    |         |    |     |    |    |    |    |    |

| Date |   | Time |   | Location |   | Weather |   | Wind |    | Sea |    | Visibility |    | Temperature |    | Humidity |    | Pressure |    | Barometer |    | Compass |    | Log |    | Remarks |    |    |    |
|------|---|------|---|----------|---|---------|---|------|----|-----|----|------------|----|-------------|----|----------|----|----------|----|-----------|----|---------|----|-----|----|---------|----|----|----|
| 1    | 2 | 3    | 4 | 5        | 6 | 7       | 8 | 9    | 10 | 11  | 12 | 13         | 14 | 15          | 16 | 17       | 18 | 19       | 20 | 21        | 22 | 23      | 24 | 25  | 26 | 27      | 28 | 29 | 30 |
| 1    | 2 | 3    | 4 | 5        | 6 | 7       | 8 | 9    | 10 | 11  | 12 | 13         | 14 | 15          | 16 | 17       | 18 | 19       | 20 | 21        | 22 | 23      | 24 | 25  | 26 | 27      | 28 | 29 | 30 |
| 1    | 2 | 3    | 4 | 5        | 6 | 7       | 8 | 9    | 10 | 11  | 12 | 13         | 14 | 15          | 16 | 17       | 18 | 19       | 20 | 21        | 22 | 23      | 24 | 25  | 26 | 27      | 28 | 29 | 30 |
| 1    | 2 | 3    | 4 | 5        | 6 | 7       | 8 | 9    | 10 | 11  | 12 | 13         | 14 | 15          | 16 | 17       | 18 | 19       | 20 | 21        | 22 | 23      | 24 | 25  | 26 | 27      | 28 | 29 | 30 |
| 1    | 2 | 3    | 4 | 5        | 6 | 7       | 8 | 9    | 10 | 11  | 12 | 13         | 14 | 15          | 16 | 17       | 18 | 19       | 20 | 21        | 22 | 23      | 24 | 25  | 26 | 27      | 28 | 29 | 30 |
| 1    | 2 | 3    | 4 | 5        | 6 | 7       | 8 | 9    | 10 | 11  | 12 | 13         | 14 | 15          | 16 | 17       | 18 | 19       | 20 | 21        | 22 | 23      | 24 | 25  | 26 | 27      | 28 | 29 | 30 |
| 1    | 2 | 3    | 4 | 5        | 6 | 7       | 8 | 9    | 10 | 11  | 12 | 13         | 14 | 15          | 16 | 17       | 18 | 19       | 20 | 21        | 22 | 23      | 24 | 25  | 26 | 27      | 28 | 29 | 30 |
| 1    | 2 | 3    | 4 | 5        | 6 | 7       | 8 | 9    | 10 | 11  | 12 | 13         | 14 | 15          | 16 | 17       | 18 | 19       | 20 | 21        | 22 | 23      | 24 | 25  | 26 | 27      | 28 | 29 | 30 |
| 1    | 2 | 3    | 4 | 5        | 6 | 7       | 8 | 9    | 10 | 11  | 12 | 13         | 14 | 15          | 16 | 17       | 18 | 19       | 20 | 21        | 22 | 23      | 24 | 25  | 26 | 27      | 28 | 29 | 30 |
| 1    | 2 | 3    | 4 | 5        | 6 | 7       | 8 | 9    | 10 | 11  | 12 | 13         | 14 | 15          | 16 | 17       | 18 | 19       | 20 | 21        | 22 | 23      | 24 | 25  | 26 | 27      | 28 | 29 | 30 |
| 1    | 2 | 3    | 4 | 5        | 6 | 7       | 8 | 9    | 10 | 11  | 12 | 13         | 14 | 15          | 16 | 17       | 18 | 19       | 20 | 21        | 22 | 23      | 24 | 25  | 26 | 27      | 28 | 29 | 30 |
| 1    | 2 | 3    | 4 | 5        | 6 | 7       | 8 | 9    | 10 | 11  | 12 | 13         | 14 | 15          | 16 | 17       | 18 | 19       | 20 | 21        | 22 | 23      | 24 | 25  | 26 | 27      | 28 | 29 | 30 |
| 1    | 2 | 3    | 4 | 5        | 6 | 7       | 8 | 9    | 10 | 11  | 12 | 13         | 14 | 15          | 16 | 17       | 18 | 19       | 20 | 21        | 22 | 23      | 24 | 25  | 26 | 27      | 28 | 29 | 30 |
| 1    | 2 | 3    | 4 | 5        | 6 | 7       | 8 | 9    | 10 | 11  | 12 | 13         | 14 | 15          | 16 | 17       | 18 | 19       | 20 | 21        | 22 | 23      | 24 | 25  | 26 | 27      | 28 | 29 | 30 |
| 1    | 2 | 3    | 4 | 5        | 6 | 7       | 8 | 9    | 10 | 11  | 12 | 13         | 14 | 15          | 16 | 17       | 18 | 19       | 20 | 21        | 22 | 23      | 24 | 25  | 26 | 27      | 28 | 29 | 30 |
| 1    | 2 | 3    | 4 | 5        | 6 | 7       | 8 | 9    | 10 | 11  | 12 | 13         | 14 | 15          | 16 | 17       | 18 | 19       | 20 | 21        | 22 | 23      | 24 | 25  | 26 | 27      | 28 | 29 | 30 |
| 1    | 2 | 3    | 4 | 5        | 6 | 7       | 8 | 9    | 10 | 11  | 12 | 13         | 14 | 15          | 16 |          |    |          |    |           |    |         |    |     |    |         |    |    |    |







| DATE     |          | DESCRIPTION |          | AMOUNT   |          | BALANCE  |          |
|----------|----------|-------------|----------|----------|----------|----------|----------|
| 1/1/20   | 1/1/20   | 1/1/20      | 1/1/20   | 1/1/20   | 1/1/20   | 1/1/20   | 1/1/20   |
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| 2/15/20  | 2/15/20  | 2/15/20     | 2/15/20  | 2/15/20  | 2/15/20  | 2/15/20  | 2/15/20  |
| 3/1/20   | 3/1/20   | 3/1/20      | 3/1/20   | 3/1/20   | 3/1/20   | 3/1/20   | 3/1/20   |
| 3/15/20  | 3/15/20  | 3/15/20     | 3/15/20  | 3/15/20  | 3/15/20  | 3/15/20  | 3/15/20  |
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| 12/1/22  | 12/1/22  | 12/1/22     | 12/1/22  | 12/1/22  | 12/1/22  | 12/1/22  | 12/1/22  |
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| 7/15/23  | 7/15/23  | 7/15/23     | 7/15/23  | 7/15/23  | 7/15/23  | 7/15/23  | 7/15/23  |
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| 3/15/25  | 3/15/25  | 3/15/25     | 3/15/25  | 3/15/25  | 3/15/25  | 3/15/25  | 3/15/25  |
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## **Cyber to remove Double and Differentials**

### **Cyber to remove reason:**

The revenue performance of the Assembly for 2024 demonstrates a significant fall in total collection of revenue as compared to 2023. The total income estimated for 2024 for all sources estimated to 330(11,104-411.1) while the actual income received amounted to 282(5,116,711), representing 11.7% of the target.

The Assembly's major sources of funds have been the District Government transfer to NSCDA (GGG Dons), the District Antislavery Citizens Fund (DACT), the District Antislavery Citizens Fund Management Project Grant (DACT-SM), and the Assembly's Internal Revenue Fund (IRF). Other funding sources include property taxation, direct funds include (Home Protection Safety Net Program (HPSNP), Home Care Fund (HCF)) and other local funding.

### **Revenue Mobilization Challenges in 2024:**

- Delayed and reduced volume of revenue funds such as the DACT DACT-SM, GGG, and others, disrupted project implementation and completion.
- Weak enforcement of revenue policies and low public compliance.
- Inadequate public education on the payment of revenue.
- Limited revenue of taxable properties.
- Inadequate capacity for revenue collection required the effectiveness of revenue mobilization and collection.
- Over-reliance on central government transfer for capital projects.
- Limited revenue diversification.

### **Effect to improve revenue generation**

Generally, the 2024 revenue performance reflects disappointing performance of effect, acknowledging the need for a more robust revenue framework. Therefore, the Assembly is actively seeking to assess efficient measures to carry out its planned activities by strengthening District General Fund (DGF) to compliance around funding through a range of measures including:

- Improvement in property tax collection by conducting property valuation and updating revenue database.
- The maximization of revenue on the importance of revenue payment compliance and low revenue is critical for development.
- Enhancement of tax collection project mechanisms to ensure compliance with revenue policies.
- Expansion of alternative revenue streams such as public-private partnerships (PPP) and investment in revenue generating ventures.
- Strengthening of regional, trade, and local economic development initiatives that generate revenue.
- Expansion of the District Local Revenue Initiative to ensure efficient trading and collection of revenue.

- Development and refinement of an effective revenue collection system to clearly set and my legislative, monitoring, payment revenue is reported.
- Investment in infrastructure and facilities to create additional revenue opportunities and improve service delivery to users.
- Engagement with existing donor agencies to build strong relationships and demonstrate the Authority's commitment to transparency and efficient use of funds for development projects.
- Investment in revenue administration through capacity-building programs for revenue collection and the treasury debt structure.
- Organization of community forums to address revenue collection and encourage voluntary compliance with revenue payment.
- Investment in logistics, such as vehicles and digital payment systems, for field officers to enhance efficiency in revenue collection and outreach efforts.

The above measures have been incorporated into the Authority's Business Improvement Action Plan for implementation in the 2021 fiscal year to enhance revenue performance.

Table 10: All revenue sources

| Revenue Source | Baseline 2021 | Actual 2021  | Actual 2022  | Target 2024   | Actual 2024   |
|----------------|---------------|--------------|--------------|---------------|---------------|
| ISF            | 453,000.00    | 675,671.87   | 705,000.00   | 821,000.00    | 940,000.00    |
| L&S            | 4,300,000.00  | 1,770,000.00 | 1,300,000.00 | 1,750,000.00  | 1,300,000.00  |
| MP & CP        | 111,000.00    | 460,000.00   | 400,000.00   | 1,000,000.00  | 900,000.00    |
| PPG & CP       | 100,000.00    | 200,000.00   | 200,000.00   | 200,000.00    | 100,000.00    |
| M&AP           | 5,000.00      | 11,000.00    | 11,000.00    | 11,000.00     | 11,000.00     |
| ISF            | 800,000.00    | 1,100,000.00 | 1,000,000.00 | 1,200,000.00  | 1,200,000.00  |
| ISF            |               | 1,000,000.00 |              |               |               |
| ISF            |               |              |              | 1,000,000.00  | 1,000,000.00  |
| Total          | 5,800,000.00  | 9,700,000.00 | 1,700,000.00 | 10,000,000.00 | 10,000,000.00 |

Source: DDCU, January 2021

# The following table shows the results of the experiment.



The results of the experiment show that the distance traveled by the object is directly proportional to the time taken. This is evident from the linear relationship between the two variables. The slope of the line represents the speed of the object, which is constant throughout the experiment.

The following table shows the results of the experiment. The data indicates that the distance traveled by the object is directly proportional to the time taken. This is evident from the linear relationship between the two variables. The slope of the line represents the speed of the object, which is constant throughout the experiment.

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 7. Date of the investigation  
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TABLE 1. SUMMARY OF THE SURVEYS AND MONITORING DATA FOR THE STUDY AREA

| Study Area<br>Location (km <sup>2</sup> ) | Survey 1 (2000-2001)    |                         | Survey 2 (2002-2003)    |                         | Survey 3 (2004-2005)    |                         |                         |                         | Survey 4 (2006-2007)    |                         | Total     |
|-------------------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-----------|
|                                           | Area<br>km <sup>2</sup> | Area<br>km <sup>2</sup> | Area<br>km <sup>2</sup> | Area<br>km <sup>2</sup> | Area<br>km <sup>2</sup> | Area<br>km <sup>2</sup> | Area<br>km <sup>2</sup> | Area<br>km <sup>2</sup> | Area<br>km <sup>2</sup> | Area<br>km <sup>2</sup> |           |
| 1000 1000                                 | 1000 1000               | 1000 1000               | 1000 1000               | 1000 1000               | 1000 1000               | 1000 1000               | 1000 1000               | 1000 1000               | 1000 1000               | 1000 1000               | 1000 1000 |

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# 1. Introduction

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1. The first step is to identify the problem. In this case, the problem is that the company is not meeting its sales targets.

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    Pre --> Output[Output]
    Output --> Post[Post-processor]
    Post --> Final[Final Output]
  
```

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**1997** *Journal of the American Academy of Child and Adolescent Psychiatry* 36:103-110

The average for the active projects is 3 years and 4 months with an average time overrun of 1 year and 3 months. Except for the construction of Ethical slaughter which the original cost has been revised due to delay in implementation and delivery cost, all other active projects have not revised their original cost. This is because all these projects have been completed not waiting for their full payment. The total cost for all the active projects stood at GHS 1,139,100.00 with GHS 113,800.00 being expenditure paid to date leaving an outstanding balance of GHS 1,025,300.00.

The above cost has an implication for project management in the municipality. It is therefore recommended that project costs should be revised to reduce cost overruns by reviewing estimates and providing accurate estimates, spending up releases, especially for high impact projects like the road, and expediting payment collection to finance more projects without relying on costly SGC bank. There are recommendations are expected to reduce further delays and hence completion rates for projects in the future.

#### **4 Update on Indicators**

##### **4.1 Update on the Core Strategic Indicators and Targets**

The purpose highlights the performance of 24 indicators which is the benchmark under the Strategic Plan. The indicators and their corresponding targets have been set up to track the implementation of the plan and their performance for use in the analysis of the performance for the period over or over as presented in Appendix 6.

##### **4.1.1 Economic Development**

The Strategic Plan under this dimension is to build a competitive economy. The implication under this dimension includes local industrial and agricultural production, provision of goods and services, reduction, number of registered companies, and number of newly created, creation of job opportunities of those registered companies presented in appendix 6.

The objective of this dimension under the Ethical Slaughter Farm Plan is to promote agriculture, livestock, industrial development and promote tourism and local business development. The various production facilities is to produce, distribute and supply of supplies to members to manufacturing industries through the exchange of resources. Training of staff, Extension Officers in the non-IGD members the Extension Officers to provide them quality materials for local consumption and for export, sales of the products for the high growth market areas, poultry, vegetable and goat (see appendix 6).

##### **4.1.2 Intellectual Development**

###### **Education**

The table below shows current enrolment from January to the present period of intake as presented in case 2201 was 11,000 no. It means the less enrolment the highest level of education the student is 2201.

Table 2.1.1 Enrolment enrolment at 1000 learning

| Total estimated<br>agriculture production<br>+ capital infls | Jan-Mar 2024 | Apr-Jun 2024 | Jul-Sep 2024 |
|--------------------------------------------------------------|--------------|--------------|--------------|
| Wheat                                                        | 4,222        | 6,000        | 5,400        |
| Corn                                                         | 21,400       | 24,000       | 22,000       |
| Soybean                                                      | 14,000       | 14,800       | 14,800       |
| Others                                                       | 11,100       | 11,200       | 10,800       |

(USD million)

Agriculture's performance, 2024

## 2.2 Social Development

### 2.2.1 Introduction

Social development includes education, health services, gender, disability and other social development issues.

The health assessment in 2023 was an endeavor to help set an evidence-based framework of Government health planning and resource (budget) priority by establishing five key development, non-financial issues and their key health consequences and the way forward.

The survey results indicate a high prevalence of sustaining a substantial number of health-related diseases and services.

The regional differences in place the government programs including disease-free status, hygiene and the use of water, toilets, latrine, etc. have been significantly been distributed in the regions in the various geographical situations ensuring that they keep their health and hygiene status to prevent the spread of diseases.

Maternal health care also continues to improve.

The National Health Insurance Scheme (NHIS) covered 11,588 registrants and achieved 12,022 registrants which goes further to support the objective of strengthening the health financing.

The disease burden is composed of infectious, non-communicable and maternal and child health issues. It is partially being addressed with a large proportion of the population have access to safe drinking water (about 80% from boreholes).

The issues to improve are availability of maternal and child services (especially maternal health) and the need to ensure that the most vulnerable have access to health. The government has engaged civil society to provide people with health insurance and also provide services along with the health insurance. Health care services for the most vulnerable are also a responsibility of funds. The Government is

### 2.1.1 Education

The following policy objectives were identified under the heading to improve educational outcomes targeted for our competitive tenders in education:

#### Terminals over 2021 results

Improve educational performance

Successfully promote teaching and learning of science, technology, engineering and mathematics (STEM) and IT education among girls of basic and secondary education

Improve quality of teaching and learning environments in all levels

Transfer of experience and lessons of practice

Establish a solid framework of laws for learning and teaching and facilitate its smooth implementation in schools of basic education

Develop a curriculum to support user-friendly educational resources

Support Teachers' and staff capacity

Support early career teachers and other teaching and learning materials

Coordinate and implementation of career development and provide ongoing career study for students

Providing teachers' compensation and other incentives

Initiating an more effective monitoring of teaching and learning

### 2.1.2 Health

Introduction

The overall objective is to ensure timely progress in the continuous improvement quality health care including the following:

Strengthening the National Health Insurance Agency (NHIA)

Strengthening the Health referral system

Strengthening partnerships with emergency health agencies especially in the rural areas with the

Health care system information management

Accelerate implementation of community-based health financing and insurance (CBHI) pilot

Strengthen professional education for health care and other including recruitment of specialized staff

The status of these selected measures at the end of financial 2021 are shown in the table below:

Table 12.2: Gender response in health

| Indicator                                                 | 2014/15 FY    | 2015/16 FY    | 2016/17 FY    | 2017/18 FY |
|-----------------------------------------------------------|---------------|---------------|---------------|------------|
| Infant mortality rate per 1,000 live births               | 24.000000     | 23.840000     | 22.000000     | 21.400000  |
| Under-5 mortality rate per 1,000 live births              | 75.000000     | 73.200000     | 68.000000     | 67.000000  |
| Female of Reproductive Age (15-49 years)                  | 100,000,000.0 | 100,000,000.0 | 100,000,000.0 | 0          |
| Total number of health staff                              | 22,350        | 22,441        | -             | 22,344     |
| Male                                                      | 89%           | 87.74         | 89%           | 89.89%     |
| Female                                                    | 9%            | 12.26         | 9%            | 10.11%     |
| Ratio 1                                                   | 10%           | 12.26%        | 10%           | 12.12%     |
| Maternal Case Fatality in District under 1 year per 1,000 | 0.04          | 0.040000      | 0.18          | 0          |
| Number of maternal deaths                                 | 42            | 49            | -             | -          |
| Male                                                      | 4             | 0             | 0             | 0          |
| Female Deaths                                             | 0             | 0             | 0             | 0          |
| Infants                                                   | 1             | 2             | 0             | 0          |

Source: District Health 3 responses, 2014/15 FY, 2015/16 FY

#### Key findings summary

The district respondents consistently agreed to forward 40% of the 2016-2018 development of the district because of the potential impact on human capital development, production and social service delivery. The capacity has been increasing as many programmes are being rolled out on the health sector of the district. Some of the activities include:

Training, Counseling and other services during outbreaks and mass campaigns

Adult Education reproductive health

The table below shows the development of the district with 40% of the 2016-2018 development

© 2003 Blackwell Publishing Ltd *Journal of Internal Medicine* 253: 105–112

| Year | Number of people (in thousands) |        |       |
|------|---------------------------------|--------|-------|
|      | Male                            | Female | Total |
| 2000 | 10                              | 10     | 20    |
| 2001 | 10                              | 10     | 20    |
| 2002 | 10                              | 10     | 20    |
| 2003 | 10                              | 10     | 20    |
| 2004 | 10                              | 10     | 20    |
| 2005 | 10                              | 10     | 20    |

James Baker & Co. Creators, [www.jbco.com](http://www.jbco.com)

These findings are consistent with the previous studies that have found a positive relationship between the use of social media and the use of mobile devices.

3

Table 1.1 *Timeline of Critical Developments, 1945-2000*

| FFY16 Disbursement and Receipts                           | FFY16        | FFY16        | No. of beneficiaries |        |
|-----------------------------------------------------------|--------------|--------------|----------------------|--------|
| State                                                     | FFY16        | FFY16        | Target               | Actual |
| State Clinical Training Programs                          | —            | \$2,775,000  | 2200                 | 2200   |
| Depression Care                                           | —            | \$7,180,000  | —                    | —      |
| January through November 2016                             | \$22,200,000 | \$22,180,000 | 75,460               | 75,200 |
| Violence Intervention against Recidivists (VIAR) programs | \$20,000,000 | \$20,000,000 | 600                  | 600    |
| National Youth Employment Program                         | —            | —            | —                    | 200    |
| Funding for Taxes and Fees                                | —            | —            | 2000                 | 2000   |
| Free HIV programs                                         | —            | \$9,800,000  | 5000                 | 5000   |





**Table 2.2.1: Response FOCs to the Survey**

| TYPE OF RESPONSE            | Actual | Desired | Ratio |
|-----------------------------|--------|---------|-------|
| none                        |        |         | 0%    |
| small/none                  |        |         | 4%    |
| Provisional Satisfaction    |        |         | 33%   |
| partial/limited Satisfying  |        |         | 22%   |
| Complete Satisfying         |        |         | 41%   |
| cannot judge/satisfying     |        |         | 11%   |
| not Satisfying/unsatisfying |        |         | 0%    |
| grand total                 |        |         | 100%  |

Source: South Sahel Survey, Department/INSTAT, Jan 2020

#### 2.2.4 Characterization of the Survey Participants' Satisfaction Tier

The representation of the Survey FOCs plan has been provided for respondents' feedback including a criteria. Thus, the FOCs were broken up in sub-area the evaluation system as a summary. In a result, the FOCs only and monitoring activities were found to be working as a model of shaping the local stakeholders' satisfaction. The Survey participants' FOCs were not too complex. Rather, the FOCs were considered well at the key stakeholders' project including local stakeholder, authorities, community members, civil societies, monitoring and reports of government, religious leaders, media, community and the public at large.

#### 2.2.5 Developing Evidence Generated, Findings and Recommendations

The evaluation was conducted based on the planning cycle of the project. Considering the characteristics of the funding sources of the projects (private resources), the Assembly established an ongoing learning, monitoring, and evaluation system, and local stakeholders within a process of project development. Among the findings was the need of the project-based evidence the evaluation system should consider with the development needs of the project-based actors or target population. The project-based evidence assessment with the evidence of the matured development plan of the Assembly. Furthermore, the local actors realized that the project-based evidence is critical with the evaluation. Based on the findings of the evaluation, it was recommended that project-based local stakeholders in the development of local evidence the FOCs should be considered as a model for the response solution.

In evaluating the project at each stage of the project cycle, the evaluation was aimed at improving the development efforts of projects. Results of the evaluation conducted, major findings identified, and recommendations made have been summarized below.

The results could not be confirmed in subsequent experiments. It is possible that a more realistic presentation of the test persons' behavior during the experiment could have led to a more realistic assessment of the importance of the approach.

## CHAPTER THREE THE FIVE YEAR PLAN

### 3.0 Introduction

Following the presentation of the main findings and lessons learnt in the implementation of the 2007-2011 annual plans and recommendations, this chapter presents the prioritising of the above in order to develop capacity to effectively implement and monitor the implementation progress of the development projects aimed in the vision of the country. The chapter also reviews the key recommendations that have been discussed and those set to be followed. The chapter also reviews recommendations to help develop the implementation plan and the evaluation of progress and results in the future.

### 3.1 Key Issues Addressed and Their Treatment Addressed

#### 3.1.1 Issues addressed

The issue of developing a summary of implementation progress has been addressed. Progress of the effort to ensure that financial discipline and accountability measures are in place, a summary for the evaluation of the year has been discussed. Management has also resolved to strengthen House of Representatives and ensure that their reports duly capture during the reporting period.

Some critical issues that arise between the 2007-2011 activities and the National Development Plan (NDP) were identified by the 2011 Strategic and Policy Review through monitoring and meetings to ensure that all activities align with the overall objective of National Development Strategy, which encompasses general guidelines.

#### 3.1.2 Issues set to be addressed

Issues identified in 2011 included the absence of a dedicated unit for monitoring of projects and programmes in the Public Administration of capital and infrastructure development being implemented in the capital under the duty of some individuals in implementation of projects and programmes despite their importance as follows:

##### 3.1.2.1 Lack of Unit of Funds

The issue of developing a unit of funds under the development of a unit of funds has been addressed. However, the unit has not yet been established to monitor the internally generated funds.

##### 3.1.2.2 Lack of Capacity Building for the Monitoring

Some existing programmes are under the purview of capital of the Government under the monitoring of the unit of funds under the duty of the 2011 Strategic and Policy Review.

##### 3.1.2.3 Lack of Dedicated Unit for Project Monitoring

Again, the issue of the 2011 being monitored with a dedicated unit to ensure that under the monitoring of the unit of funds is set to be addressed. The unit knows the issue of having a dedicated unit for monitoring the progress of projects and programmes under the duty of the unit of funds is set to be addressed. The unit knows the issue of having a dedicated unit for monitoring the progress of projects and programmes under the duty of the unit of funds is set to be addressed.

## 3.2. Conclusion

There is the need to build the human resources capacity of the Assembly, more effective financial accountability mechanism and to be individual capacity with regard to internal revenue mobilization and collection.

It is hoped that the findings identified and recommended results presented and provided to ensure their acceptance of executive cooperation.

Also, the Assembly management has provided the following identified result opportunities with the help of consultants, developed the following ongoing programme activities sufficient to ensure monitoring and Evaluation Plan would be a product of help of the Monitoring and Evaluation within the House and Assembly.

### 3.3 Recommendations

The monitoring and evaluation activities conducted by the District Monitoring Coordinating Unit and the various units have exposed the implementation of several challenges within the implementation of official projects in the system. These challenges include the delay in the implementation of projects and the absence of project designs by various implementing entities. The following recommendations were provided, made based on the challenges identified for the enhancement of the Management of the Assembly.

It is advised monitoring activities should be increased for the monitoring team.

The improvement of project monitoring plan will be required also requires the availability of resources, especially a vehicle, major equipment for the monitoring team when required. It is recommended that the monitoring vehicle is provided to enhance vehicle for project monitoring and activities.

The assembly must consider all ongoing projects before starting new ones.

Project must be fully completed and handed over to the beneficiaries as advised. This is to ensure that the beneficiaries are fully satisfied and project completion is complete. To ensure this, the Assembly will be required to ensure the needs of the villages.

The Assembly must be in proper financial management.

Management must ensure that the budget allocation is properly and continuously adhered to to ensure that the assembly does not spend more than the budget allocated and to ensure that the budgeting is done.

The Assembly must ensure timely completion of projects.

It is necessary for projects/programmes are completed with, if it means that some projects are completed or completed before the end of the year.

The assembly must ensure timely submission of applications to ensure that the projects are completed.

The GP will significantly support future resource allocation and resource not investment in multiple forms.

While it may be better to provide common and avoid the time-consuming issues.

The combination of most of the Assembly's resources linked with the Digital Knowledge Centre. A previous introduction to the current status of the long-term indicators recommended by the Committee of Digital capabilities common and together effective change the first step is to have to ensure that programme other activities of the assembly are implemented across.

#### Capacity building for civic members

The completion of some projects was a challenge for the working team of the assembly. A key recommendation that some capacity building in areas management, monitoring and evaluation is required for the team to keep them abreast with changing positions in areas and the reporting format recommended by the NDC.





| Project Name | Project Manager | Project Start Date | Project End Date | Project Status | Project Budget | Project Progress | Project Risks | Project Issues                                 |
|--------------|-----------------|--------------------|------------------|----------------|----------------|------------------|---------------|------------------------------------------------|
| Project A    | John Doe        | 2023-01-01         | 2023-03-31       | Completed      | \$1,000,000    | 100%             | Low           | None                                           |
| Project B    | Jane Smith      | 2023-04-01         | 2023-06-30       | In Progress    | \$2,500,000    | 75%              | Medium        | Minor delays in resource allocation            |
| Project C    | Mike Johnson    | 2023-07-01         | 2023-09-30       | On Hold        | \$500,000      | 20%              | High          | Significant budget cuts and resource shortages |
| Project D    | Sarah Lee       | 2023-10-01         | 2023-12-31       | Planned        | \$750,000      | 0%               | Low           | None                                           |
| Project E    | David Brown     | 2024-01-01         | 2024-03-31       | Planned        | \$1,200,000    | 0%               | Medium        | None                                           |
| Project F    | Emily White     | 2024-04-01         | 2024-06-30       | Planned        | \$900,000      | 0%               | Low           | None                                           |
| Project G    | Chris Green     | 2024-07-01         | 2024-09-30       | Planned        | \$1,100,000    | 0%               | Medium        | None                                           |
| Project H    | Alex Black      | 2024-10-01         | 2024-12-31       | Planned        | \$800,000      | 0%               | Low           | None                                           |
| Project I    | Olivia Grey     | 2025-01-01         | 2025-03-31       | Planned        | \$1,300,000    | 0%               | Medium        | None                                           |
| Project J    | Noah Blue       | 2025-04-01         | 2025-06-30       | Planned        | \$600,000      | 0%               | Low           | None                                           |

| Item             | Unit           | Quantity | Unit Price | Total Price | Remarks |
|------------------|----------------|----------|------------|-------------|---------|
| 1. Cement        | kg             | 100      | 1.20       | 120.00      |         |
| 2. Sand          | m <sup>3</sup> | 1.5      | 150.00     | 225.00      |         |
| 3. Aggregate     | m <sup>3</sup> | 1.5      | 180.00     | 270.00      |         |
| 4. Labour        | man            | 10       | 100.00     | 1000.00     |         |
| 5. Water         | m <sup>3</sup> | 1.5      | 10.00      | 15.00       |         |
| 6. Formwork      | m <sup>2</sup> | 10       | 20.00      | 200.00      |         |
| 7. Reinforcement | kg             | 100      | 1.20       | 120.00      |         |
| 8. Concrete      | m <sup>3</sup> | 1.5      | 150.00     | 225.00      |         |
| 9. Gravel        | m <sup>3</sup> | 1.5      | 180.00     | 270.00      |         |
| 10. Steel        | kg             | 100      | 1.20       | 120.00      |         |

1. 姓名 (Name)  
 2. 性别 (Gender)  
 3. 年龄 (Age)  
 4. 职业 (Occupation)  
 5. 住址 (Address)  
 6. 电话 (Telephone)  
 7. 电子邮箱 (E-mail)  
 8. 身份证号 (ID Card No.)  
 9. 护照号 (Passport No.)  
 10. 其他 (Others)

1. 姓名 (Name)  
 2. 性别 (Gender)  
 3. 年龄 (Age)  
 4. 职业 (Occupation)  
 5. 住址 (Address)  
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 10. 其他 (Others)

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 3. 年龄 (Age)  
 4. 职业 (Occupation)  
 5. 住址 (Address)  
 6. 电话 (Telephone)  
 7. 电子邮箱 (E-mail)  
 8. 身份证号 (ID Card No.)  
 9. 护照号 (Passport No.)  
 10. 其他 (Others)

| Project   | Start Date | End Date   | Status      | Progress (%) | Notes                            |
|-----------|------------|------------|-------------|--------------|----------------------------------|
| Project A | 2023-01-15 | 2023-03-31 | Completed   | 100          | On time, budget within 5%.       |
| Project B | 2023-02-01 | 2023-04-30 | In Progress | 75           | Minor delays in procurement.     |
| Project C | 2023-03-01 | 2023-05-31 | On Hold     | 0            | Waiting for client requirements. |
| Project D | 2023-04-01 | 2023-06-30 | Planned     | 0            | Initial planning phase.          |
| Project E | 2023-05-01 | 2023-07-31 | On Hold     | 0            | Resource allocation pending.     |

| 姓名   | 性别 | 年龄 | 职业    | 住址                 | 联系电话        | 电子邮箱             | 备注 |
|------|----|----|-------|--------------------|-------------|------------------|----|
| 张三   | 男  | 35 | 教师    | 北京市海淀区中关村大街100号    | 13800138000 | zhangsan@163.com |    |
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| 王五   | 男  | 45 | 工程师   | 上海市浦东新区世纪大道100号    | 13600136000 | wangwu@163.com   |    |
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| 孙七   | 男  | 25 | 程序员   | 浙江省杭州市西湖区文三路100号   | 13400134000 | sunqi@163.com    |    |
| 周八   | 女  | 38 | 销售经理  | 江苏省南京市鼓楼区长江路100号   | 13300133000 | zhouba@163.com   |    |
| 吴九   | 男  | 40 | 律师    | 北京市西城区金融大街100号     | 13200132000 | wujiu@163.com    |    |
| 郑十   | 女  | 32 | 设计师   | 四川省成都市高新区天府大道100号  | 13100131000 | zhengshi@163.com |    |
| 冯十一  | 男  | 27 | 产品经理  | 广东省深圳市南山区科技园100号   | 13000130000 | fongsi@163.com   |    |
| 陈十二  | 女  | 33 | 人力资源  | 浙江省宁波市鄞州区中河路100号   | 12900129000 | chen12@163.com   |    |
| 林十三  | 男  | 36 | 市场专员  | 江苏省苏州市工业园区金鸡湖100号  | 12800128000 | lin13@163.com    |    |
| 周十四  | 女  | 29 | 运营助理  | 北京市昌平区回龙观100号      | 12700127000 | zhou14@163.com   |    |
| 吴十五  | 男  | 42 | 财务总监  | 上海市静安区南京西路100号     | 12600126000 | wu15@163.com     |    |
| 郑十六  | 女  | 31 | 数据分析师 | 广东省深圳市福田区华强南路100号  | 12500125000 | zheng16@163.com  |    |
| 冯十七  | 男  | 26 | 前端开发  | 浙江省杭州市余杭区未来科技城100号 | 12400124000 | fongsi@163.com   |    |
| 陈十八  | 女  | 34 | 品牌经理  | 江苏省南京市秦淮区新街口100号   | 12300123000 | chen18@163.com   |    |
| 林十九  | 男  | 37 | 销售总监  | 北京市东城区东直门100号      | 12200122000 | lin19@163.com    |    |
| 周二十  | 女  | 30 | 行政主管  | 四川省成都市武侯区武侯大道100号  | 12100121000 | zhou20@163.com   |    |
| 吴二十一 | 男  | 41 | 法务专员  | 上海市浦东新区陆家嘴100号     | 12000120000 | wu21@163.com     |    |
| 郑二十二 | 女  | 32 | 产品经理  | 广东省深圳市南山区蛇口100号    | 11900119000 | zheng22@163.com  |    |
| 冯二十三 | 男  | 27 | 运营专员  | 浙江省宁波市海曙区天一广场100号  | 11800118000 | fongsi@163.com   |    |
| 陈二十四 | 女  | 33 | 人力资源  | 江苏省苏州市吴江区太湖新城100号  | 11700117000 | chen24@163.com   |    |
| 林二十五 | 男  | 36 | 市场专员  | 北京市昌平区回龙观100号      | 11600116000 | lin25@163.com    |    |
| 周二十六 | 女  | 29 | 运营助理  | 上海市静安区南京西路100号     | 11500115000 | zhou26@163.com   |    |
| 吴二十七 | 男  | 42 | 财务总监  | 广东省深圳市福田区华强南路100号  | 11400114000 | wu27@163.com     |    |
| 郑二十八 | 女  | 31 | 数据分析师 | 浙江省杭州市余杭区未来科技城100号 | 11300113000 | zheng28@163.com  |    |
| 冯二十九 | 男  | 26 | 前端开发  | 江苏省南京市秦淮区新街口100号   | 11200112000 | fongsi@163.com   |    |
| 陈三十  | 女  | 34 | 品牌经理  | 北京市东城区东直门100号      | 11100111000 | chen30@163.com   |    |

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|                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                    |                                                                                                                                                                                                      |                                                                                                                                                                                                     |                                                                                                                                                                                                |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>1. <b>Introduction</b></p> <p>The purpose of this study is to investigate the effects of various factors on the performance of a system. The study is organized as follows:</p> <ul style="list-style-type: none"> <li>Chapter 2: Literature Review</li> <li>Chapter 3: Methodology</li> <li>Chapter 4: Results and Discussion</li> <li>Chapter 5: Conclusion</li> </ul> | <p>2. <b>Literature Review</b></p> <p>This chapter reviews the existing literature on the topic. It discusses the theoretical background and the empirical findings of previous studies. The review is organized into two main sections:</p> <ul style="list-style-type: none"> <li>2.1. Theoretical Background</li> <li>2.2. Empirical Findings</li> </ul> | <p>3. <b>Methodology</b></p> <p>This chapter describes the research methodology used in the study. It includes a detailed description of the experimental design, the data collection process, and the statistical methods used for data analysis.</p> | <p>4. <b>Results and Discussion</b></p> <p>This chapter presents the results of the study and discusses their implications. It includes a detailed description of the experimental results and a discussion of the factors that influence the performance of the system.</p> | <p>5. <b>Conclusion</b></p> <p>This chapter summarizes the findings of the study and provides recommendations for future research. It also discusses the limitations of the study and the potential for further investigation.</p> | <p>6. <b>References</b></p> <p>This chapter lists the references used in the study. It includes a detailed list of the books, articles, and other sources consulted during the research process.</p> | <p>7. <b>Appendix</b></p> <p>This chapter contains the supplementary material related to the study. It includes the raw data, the statistical analysis results, and other relevant information.</p> | <p>8. <b>Index</b></p> <p>This chapter provides an index of the key terms and concepts used in the study. It is designed to help readers find the relevant information quickly and easily.</p> |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

| Category       | Sub-category | Item         | Value | Unit   | Notes | Comments | Remarks | Signature |  |
|----------------|--------------|--------------|-------|--------|-------|----------|---------|-----------|--|
| Material       | Concrete     | Cement       | 100   | kg     |       |          |         |           |  |
|                |              | Sand         | 200   | m³     |       |          |         |           |  |
|                |              | Gravel       | 150   | m³     |       |          |         |           |  |
|                |              | Bricks       | 5000  | pieces |       |          |         |           |  |
| Labor          | Skilled      | Master mason | 10    | days   |       |          |         |           |  |
|                |              | Helper       | 20    | days   |       |          |         |           |  |
|                |              | Unskilled    | 30    | days   |       |          |         |           |  |
| Equipment      | Tools        | Shovel       | 5     | pieces |       |          |         |           |  |
|                |              | Wheelbarrow  | 3     | pieces |       |          |         |           |  |
| Transportation | Truck        | Truck        | 1     | days   |       |          |         |           |  |
|                |              | Truck        | 1     | days   |       |          |         |           |  |
| Miscellaneous  | Other        | Water        | 1000  | liters |       |          |         |           |  |
|                |              | Food         | 500   | kg     |       |          |         |           |  |
| Total          | Grand Total  |              | 1000  |        |       |          |         |           |  |
|                |              |              | 1000  |        |       |          |         |           |  |

| Project Name | Project Manager | Project Sponsor | Project Steering Committee       | Project Charter   | Project Plan   | Project Budget   | Project Risk Register   | Project Communication Plan   |
|--------------|-----------------|-----------------|----------------------------------|-------------------|----------------|------------------|-------------------------|------------------------------|
| Project A    | John Doe        | Jane Smith      | John Doe, Jane Smith, John Smith | Project A Charter | Project A Plan | Project A Budget | Project A Risk Register | Project A Communication Plan |
| Project B    | Jane Smith      | John Doe        | Jane Smith, John Doe, John Smith | Project B Charter | Project B Plan | Project B Budget | Project B Risk Register | Project B Communication Plan |
| Project C    | John Smith      | Jane Smith      | John Smith, Jane Smith, John Doe | Project C Charter | Project C Plan | Project C Budget | Project C Risk Register | Project C Communication Plan |
| Project D    | Jane Smith      | John Doe        | Jane Smith, John Doe, John Smith | Project D Charter | Project D Plan | Project D Budget | Project D Risk Register | Project D Communication Plan |
| Project E    | John Doe        | Jane Smith      | John Doe, Jane Smith, John Smith | Project E Charter | Project E Plan | Project E Budget | Project E Risk Register | Project E Communication Plan |
| Project F    | Jane Smith      | John Doe        | Jane Smith, John Doe, John Smith | Project F Charter | Project F Plan | Project F Budget | Project F Risk Register | Project F Communication Plan |
| Project G    | John Smith      | Jane Smith      | John Smith, Jane Smith, John Doe | Project G Charter | Project G Plan | Project G Budget | Project G Risk Register | Project G Communication Plan |
| Project H    | Jane Smith      | John Doe        | Jane Smith, John Doe, John Smith | Project H Charter | Project H Plan | Project H Budget | Project H Risk Register | Project H Communication Plan |
| Project I    | John Doe        | Jane Smith      | John Doe, Jane Smith, John Smith | Project I Charter | Project I Plan | Project I Budget | Project I Risk Register | Project I Communication Plan |
| Project J    | Jane Smith      | John Doe        | Jane Smith, John Doe, John Smith | Project J Charter | Project J Plan | Project J Budget | Project J Risk Register | Project J Communication Plan |

| Category         | Sub-category | Item             | Value | Unit   | Notes | Comments | Remarks | Additional |  |
|------------------|--------------|------------------|-------|--------|-------|----------|---------|------------|--|
| A. Materials     | 1. Concrete  | 1.1. Cement      | 100   | kg     |       |          |         |            |  |
|                  |              | 1.2. Sand        | 200   | m³     |       |          |         |            |  |
|                  |              | 1.3. Gravel      | 300   | m³     |       |          |         |            |  |
|                  |              | 1.4. Water       | 150   | liters |       |          |         |            |  |
|                  |              | 1.5. Admixture   | 5     | kg     |       |          |         |            |  |
| B. Labor         | 2. Masonry   | 2.1. Bricklayer  | 10    | hours  |       |          |         |            |  |
|                  |              | 2.2. Carpenter   | 5     | hours  |       |          |         |            |  |
|                  |              | 2.3. Painter     | 3     | hours  |       |          |         |            |  |
|                  |              | 2.4. Electrician | 2     | hours  |       |          |         |            |  |
|                  |              | 2.5. Plumber     | 1     | hours  |       |          |         |            |  |
| C. Equipment     | 3. Tools     | 3.1. Hammer      | 1     | unit   |       |          |         |            |  |
|                  |              | 3.2. Saw         | 1     | unit   |       |          |         |            |  |
|                  |              | 3.3. Trowel      | 1     | unit   |       |          |         |            |  |
|                  |              | 3.4. Level       | 1     | unit   |       |          |         |            |  |
|                  |              | 3.5. Bucket      | 1     | unit   |       |          |         |            |  |
| D. Miscellaneous | 4. Other     | 4.1. Transport   | 100   | km     |       |          |         |            |  |
|                  |              | 4.2. Insurance   | 5     | hours  |       |          |         |            |  |
|                  |              | 4.3. Maintenance | 2     | hours  |       |          |         |            |  |
|                  |              | 4.4. Safety      | 1     | hours  |       |          |         |            |  |
|                  |              | 4.5. Training    | 1     | hours  |       |          |         |            |  |

| Kategorie          | Beschreibung    | Menge | Einheit | Preis | Währung | Gesamt | Steuer | Netto |
|--------------------|-----------------|-------|---------|-------|---------|--------|--------|-------|
| 1. Materialkosten  | Materialkosten  |       |         |       |         |        |        |       |
| 2. Personalkosten  | Personalkosten  |       |         |       |         |        |        |       |
| 3. Gemeinkosten    | Gemeinkosten    |       |         |       |         |        |        |       |
| 4. Sonstige Kosten | Sonstige Kosten |       |         |       |         |        |        |       |
| 5. Abschreibungen  | Abschreibungen  |       |         |       |         |        |        |       |
| 6. Zinsen          | Zinsen          |       |         |       |         |        |        |       |
| 7. Steuern         | Steuern         |       |         |       |         |        |        |       |
| 8. Sonstige        | Sonstige        |       |         |       |         |        |        |       |



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1. Number of sets of the

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(1)

| Year | Number of cases | Percentage of cases |
|------|-----------------|---------------------|
| 1990 | 10              | 10.0                |
| 1991 | 15              | 15.0                |
| 1992 | 20              | 20.0                |
| 1993 | 25              | 25.0                |
| 1994 | 30              | 30.0                |
| 1995 | 35              | 35.0                |
| 1996 | 40              | 40.0                |
| 1997 | 45              | 45.0                |
| 1998 | 50              | 50.0                |
| 1999 | 55              | 55.0                |
| 2000 | 60              | 60.0                |
| 2001 | 65              | 65.0                |
| 2002 | 70              | 70.0                |
| 2003 | 75              | 75.0                |
| 2004 | 80              | 80.0                |
| 2005 | 85              | 85.0                |
| 2006 | 90              | 90.0                |
| 2007 | 95              | 95.0                |
| 2008 | 100             | 100.0               |
| 2009 | 105             | 105.0               |
| 2010 | 110             | 110.0               |
| 2011 | 115             | 115.0               |
| 2012 | 120             | 120.0               |
| 2013 | 125             | 125.0               |
| 2014 | 130             | 130.0               |
| 2015 | 135             | 135.0               |
| 2016 | 140             | 140.0               |
| 2017 | 145             | 145.0               |
| 2018 | 150             | 150.0               |
| 2019 | 155             | 155.0               |
| 2020 | 160             | 160.0               |
| 2021 | 165             | 165.0               |
| 2022 | 170             | 170.0               |
| 2023 | 175             | 175.0               |
| 2024 | 180             | 180.0               |
| 2025 | 185             | 185.0               |
| 2026 | 190             | 190.0               |
| 2027 | 195             | 195.0               |
| 2028 | 200             | 200.0               |
| 2029 | 205             | 205.0               |
| 2030 | 210             | 210.0               |
| 2031 | 215             | 215.0               |
| 2032 | 220             | 220.0               |
| 2033 | 225             | 225.0               |
| 2034 | 230             | 230.0               |
| 2035 | 235             | 235.0               |
| 2036 | 240             | 240.0               |
| 2037 | 245             | 245.0               |
| 2038 | 250             | 250.0               |
| 2039 | 255             | 255.0               |
| 2040 | 260             | 260.0               |
| 2041 | 265             | 265.0               |
| 2042 | 270             | 270.0               |
| 2043 | 275             | 275.0               |
| 2044 | 280             | 280.0               |
| 2045 | 285             | 285.0               |
| 2046 | 290             | 290.0               |
| 2047 | 295             | 295.0               |
| 2048 | 300             | 300.0               |
| 2049 | 305             | 305.0               |
| 2050 | 310             | 310.0               |
| 2051 | 315             | 315.0               |
| 2052 | 320             | 320.0               |
| 2053 | 325             | 325.0               |
| 2054 | 330             | 330.0               |
| 2055 | 335             | 335.0               |
| 2056 | 340             | 340.0               |
| 2057 | 345             | 345.0               |
| 2058 | 350             | 350.0               |
| 2059 | 355             | 355.0               |
| 2060 | 360             | 360.0               |
| 2061 | 365             | 365.0               |
| 2062 | 370             | 370.0               |
| 2063 | 375             | 375.0               |
| 2064 | 380             | 380.0               |
| 2065 | 385             | 385.0               |
| 2066 | 390             | 390.0               |
| 2067 | 395             | 395.0               |
| 2068 | 400             | 400.0               |
| 2069 | 405             | 405.0               |
| 2070 | 410             | 410.0               |
| 2071 | 415             | 415.0               |
| 2072 | 420             | 420.0               |
| 2073 | 425             | 425.0               |
| 2074 | 430             | 430.0               |
| 2075 | 435             | 435.0               |
| 2076 | 440             | 440.0               |
| 2077 | 445             | 445.0               |
| 2078 | 450             | 450.0               |
| 2079 | 455             | 455.0               |
| 2080 | 460             | 460.0               |
| 2081 | 465             | 465.0               |
| 2082 | 470             | 470.0               |
| 2083 | 475             | 475.0               |
| 2084 | 480             | 480.0               |
| 2085 | 485             | 485.0               |
| 2086 | 490             | 490.0               |
| 2087 | 495             | 495.0               |
| 2088 | 500             | 500.0               |
| 2089 | 505             | 505.0               |
| 2090 | 510             | 510.0               |
| 2091 | 515             | 515.0               |
| 2092 | 520             | 520.0               |
| 2093 | 525             | 525.0               |
| 2094 | 530             | 530.0               |
| 2095 | 535             | 535.0               |
| 2096 | 540             | 540.0               |
| 2097 | 545             | 545.0               |
| 2098 | 550             | 550.0               |
| 2099 | 555             | 555.0               |
| 2100 |                 |                     |

1000

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# Woolly Auklet

July 1996

1996-1997

1996-1997



Small, dark, brown  
with black, brown  
white, black, brown  
white, black, brown



1. What is the purpose of the study?

The purpose of the study is to

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| Date  |        | Description |        | Amount |        | Total |
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| Debit | Credit | Debit       | Credit | Debit  | Credit |       |
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| <p> <b>1. Name</b><br/> <b>2. Address</b><br/> <b>3. City</b><br/> <b>4. State</b><br/> <b>5. Zip</b> </p> | <p> <b>6. Date</b><br/> <b>7. Time</b><br/> <b>8. Day</b><br/> <b>9. Month</b><br/> <b>10. Year</b> </p> | <p> <b>11. Name</b><br/> <b>12. Address</b><br/> <b>13. City</b><br/> <b>14. State</b><br/> <b>15. Zip</b> </p> | <p> <b>16. Date</b><br/> <b>17. Time</b><br/> <b>18. Day</b><br/> <b>19. Month</b><br/> <b>20. Year</b> </p> | <p> <b>21. Name</b><br/> <b>22. Address</b><br/> <b>23. City</b><br/> <b>24. State</b><br/> <b>25. Zip</b> </p> | <p> <b>26. Date</b><br/> <b>27. Time</b><br/> <b>28. Day</b><br/> <b>29. Month</b><br/> <b>30. Year</b> </p> |
|------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|

| Item                  | Unit | Quantity | Unit Price | Total Price |
|-----------------------|------|----------|------------|-------------|
| 1. <u>Materials</u>   |      |          |            |             |
| 2. <u>Labour</u>      |      |          |            |             |
| 3. <u>Overhead</u>    |      |          |            |             |
| 4. <u>Profit</u>      |      |          |            |             |
| 5. <u>Subtotal</u>    |      |          |            |             |
| 6. <u>Discount</u>    |      |          |            |             |
| 7. <u>Net Price</u>   |      |          |            |             |
| 8. <u>Grand Total</u> |      |          |            |             |



| Item    | Unit | Quantity | Unit Price | Total Price | Tax     | Net Price | Gross Price |
|---------|------|----------|------------|-------------|---------|-----------|-------------|
| Item 1  | Unit | 100      | 1000       | 100000      | 10000   | 90000     | 110000      |
| Item 2  | Unit | 200      | 2000       | 400000      | 40000   | 360000    | 440000      |
| Item 3  | Unit | 300      | 3000       | 900000      | 90000   | 810000    | 990000      |
| Item 4  | Unit | 400      | 4000       | 1600000     | 160000  | 1440000   | 1800000     |
| Item 5  | Unit | 500      | 5000       | 2500000     | 250000  | 2250000   | 2750000     |
| Item 6  | Unit | 600      | 6000       | 3600000     | 360000  | 3240000   | 3960000     |
| Item 7  | Unit | 700      | 7000       | 4900000     | 490000  | 4410000   | 5390000     |
| Item 8  | Unit | 800      | 8000       | 6400000     | 640000  | 5760000   | 6960000     |
| Item 9  | Unit | 900      | 9000       | 8100000     | 810000  | 7290000   | 8910000     |
| Item 10 | Unit | 1000     | 10000      | 10000000    | 1000000 | 9000000   | 11000000    |



| Activity          | Frequency      | Duration  | Intensity    | Energy Expenditure (kcal) | Caloric Intake (kcal) | Net Energy Balance (kcal) | Weight Change (kg) |
|-------------------|----------------|-----------|--------------|---------------------------|-----------------------|---------------------------|--------------------|
| Resting           | 24 hours       | 24 hours  | Low          | ~1500                     | ~2500                 | +1000                     | ~0.1               |
| Light Activity    | 1-2 times/week | 30-60 min | Low-Moderate | ~150-300                  | ~2500                 | +150-1500                 | ~0.05-0.1          |
| Moderate Activity | 3-4 times/week | 30-60 min | Moderate     | ~300-600                  | ~2500                 | +500-1500                 | ~0.05-0.1          |
| Vigorous Activity | 5-6 times/week | 30-60 min | High         | ~600-1200                 | ~2500                 | -500-1500                 | ~0.05-0.1          |
| Extreme Activity  | 7-8 times/week | 30-60 min | Very High    | ~1200-2400                | ~2500                 | -1000-2000                | ~0.05-0.1          |

| Item         | Unit  | Quantity | Unit Price | Total Price | Remarks |
|--------------|-------|----------|------------|-------------|---------|
| 1. Labor     | Man   | 10       | 100        | 1000        |         |
| 2. Material  | kg    | 50       | 20         | 1000        |         |
| 3. Transport | km    | 100      | 10         | 1000        |         |
| 4. Fuel      | litre | 50       | 20         | 1000        |         |
| 5. Other     |       |          |            |             |         |
| <b>Total</b> |       |          |            | <b>4000</b> |         |

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185 | 186 | 187 | 188 | 189 | 190 | 191 | 192 | 193 | 194 | 195 | 196 | 197 | 198 | 199 | 200 | 201 | 202 | 203 | 204 | 205 | 206 | 207 | 208 | 209 | 210 | 211 | 212 | 213 | 214 | 215 | 216 | 217 | 218 | 219 | 220 | 221 | 222 | 223 | 224 | 225 | 226 | 227 | 228 | 229 | 230 | 231 | 232 | 233 | 234 | 235 | 236 | 237 | 238 | 239 | 240 | 241 | 242 | 243 | 244 | 245 | 246 | 247 | 248 | 249 | 250 | 251 | 252 | 253 | 254 | 255 | 256 | 257 | 258 | 259 | 260 | 261 | 262 | 263 | 264 | 265 | 266 | 267 | 268 | 269 | 270 | 271 | 272 | 273 | 274 | 275 | 276 | 277 | 278 | 279 | 280 | 281 | 282 | 283 | 284 | 285 | 286 | 287 | 288 | 289 | 290 | 291 | 292 | 293 | 294 | 295 | 296 | 297 | 298 | 299 | 300 | 301 | 302 | 303 | 304 | 305 | 306 | 307 | 308 | 309 | 310 | 311 | 312 | 313 | 314 | 315 | 316 | 317 | 318 | 319 | 320 | 321 | 322 | 323 | 324 | 325 | 326 | 327 | 328 | 329 | 330 | 331 | 332 | 333 | 334 | 335 | 336 | 337 | 338 | 339 | 340 | 341 | 342 | 343 | 344 | 345 | 346 | 347 | 348 | 349 | 350 | 351 | 352 | 353 | 354 | 355 | 356 | 357 | 358 | 359 | 360 | 361 | 362 | 363 | 364 | 365 | 366 | 367 | 368 | 369 | 370 | 371 | 372 | 373 | 374 | 375 | 376 | 377 | 378 | 379 | 380 | 381 | 382 | 383 | 384 | 385 | 386 | 387 | 388 | 389 | 390 | 391 | 392 | 393 | 394 | 395 | 396 | 397 | 398 | 399 | 400 | 401 | 402 | 403 | 404 | 405 | 406 | 407 | 408 | 409 | 410 | 411 | 412 | 413 | 414 | 415 | 416 | 417 | 418 | 419 | 420 | 421 | 422 | 423 | 424 | 425 | 426 | 427 | 428 | 429 | 430 | 431 | 432 | 433 | 434 | 435 | 436 | 437 | 438 | 439 | 440 | 441 | 442 | 443 | 444 | 445 | 446 | 447 | 448 | 449 | 450 | 451 | 452 | 453 | 454 | 455 | 456 | 457 | 458 | 459 | 460 | 461 | 462 | 463 | 464 | 465 | 466 | 467 | 468 | 469 | 470 | 471 | 472 | 473 | 474 | 475 | 476 | 477 | 478 | 479 | 480 | 481 | 482 | 483 | 484 | 485 | 486 | 487 | 488 | 489 | 490 | 491 | 492 | 493 | 494 | 495 | 496 | 497 | 498 | 499 | 500 | 501 | 502 | 503 | 504 | 505 | 506 | 507 | 508 | 509 | 510 | 511 | 512 | 513 | 514 | 515 | 516 | 517 | 518 | 519 | 520 | 521 | 522 | 523 | 524 | 525 | 526 | 527 | 528 | 529 | 530 | 531 | 532 | 533 | 534 | 535 | 536 | 537 | 538 | 539 | 540 | 541 | 542 | 543 | 544 | 545 | 546 | 547 | 548 | 549 | 550 | 551 | 552 | 553 | 554 | 555 | 556 | 557 | 558 | 559 | 560 | 561 | 562 | 563 | 564 | 565 | 566 | 567 | 568 | 569 | 570 | 571 | 572 | 573 | 574 | 575 | 576 | 577 | 578 | 579 | 580 | 581 | 582 | 583 | 584 | 585 | 586 | 587 | 588 | 589 | 590 | 591 | 592 | 593 | 594 | 595 | 596 | 597 | 598 | 599 | 600 | 601 | 602 | 603 | 604 | 605 | 606 | 607 | 608 | 609 | 610 | 611 | 612 | 613 | 614 | 615 | 616 | 617 | 618 | 619 | 620 | 621 | 622 | 623 | 624 | 625 | 626 | 627 | 628 | 629 | 630 | 631 | 632 | 633 | 634 | 635 | 636 | 637 | 638 | 639 | 640 | 641 | 642 | 643 | 644 | 645 | 646 | 647 | 648 | 649 | 650 | 651 | 652 | 653 | 654 | 655 | 656 | 657 | 658 | 659 | 660 | 661 | 662 | 663 | 664 | 665 | 666 | 667 | 668 | 669 | 670 | 671 | 672 | 673 | 674 | 675 | 676 | 677 | 678 | 679 | 680 | 681 | 682 | 683 | 684 | 685 | 686 | 687 | 688 | 689 | 690 | 691 | 692 | 693 | 694 | 695 | 696 | 697 | 698 | 699 | 700 | 701 | 702 | 703 | 704 | 705 | 706 | 707 | 708 | 709 | 710 | 711 | 712 | 713 | 714 | 715 | 716 | 717 | 718 | 719 | 720 | 721 | 722 | 723 | 724 | 725 | 726 | 727 | 728 | 729 | 730 | 731 | 732 | 733 | 734 | 735 | 736 | 737 | 738 | 739 | 740 | 741 | 742 | 743 | 744 | 745 | 746 | 747 | 748 | 749 | 750 | 751 | 752 | 753 | 754 | 755 | 756 | 757 | 758 | 759 | 760 | 761 | 762 | 763 | 764 | 765 | 766 | 767 | 768 | 769 | 770 | 771 | 772 | 773 | 774 | 775 | 776 | 777 | 778 | 779 | 780 | 781 | 782 | 783 | 784 | 785 | 786 | 787 | 788 | 789 | 790 | 791 | 792 | 793 | 794 | 795 | 796 | 797 | 798 | 799 | 800 | 801 | 802 | 803 | 804 | 805 | 806 | 807 | 808 | 809 | 810 | 811 | 812 | 813 | 814 | 815 | 816 | 817 | 818 | 819 | 820 | 821 | 822 | 823 | 824 | 825 | 826 | 827 | 828 | 829 | 830 | 831 | 832 | 833 | 834 | 835 | 836 | 837 | 838 | 839 | 840 | 841 | 842 | 843 | 844 | 845 | 846 | 847 | 848 | 849 | 850 | 851 | 852 | 853 | 854 | 855 | 856 | 857 | 858 | 859 | 860 | 861 | 862 | 863 | 864 | 865 | 866 | 867 | 868 | 869 | 870 | 871 | 872 | 873 | 874 | 875 | 876 | 877 | 878 | 879 | 880 | 881 | 882 | 883 | 884 | 885 | 886 | 887 | 888 | 889 | 890 | 891 | 892 | 893 | 894 | 895 | 896 | 897 | 898 | 899 | 900 | 901 | 902 | 903 | 904 | 905 | 906 | 907 | 908 | 909 | 910 | 911 | 912 | 913 | 914 | 915 | 916 | 917 | 918 | 919 | 920 | 921 | 922 | 923 | 924 | 925 | 926 | 927 | 928 | 929 | 930 | 931 | 932 | 933 | 934 | 935 | 936 | 937 | 938 | 939 | 940 | 941 | 942 | 943 | 944 | 945 | 946 | 947 | 948 | 949 | 950 | 951 | 952 | 953 | 954 | 955 | 956 | 957 | 958 | 959 | 960 | 961 | 962 | 963 | 964 | 965 | 966 | 967 | 968 | 969 | 970 | 971 | 972 | 973 | 974 | 975 | 976 | 977 | 978 | 979 | 980 | 981 | 982 | 983 | 984 | 985 | 986 | 987 | 988 | 989 | 990 | 991 | 992 | 993 | 994 | 995 | 996 | 997 | 998 | 999 | 1000 | 1001 | 1002 | 1003 | 1004 | 1005 | 1006 | 1007 | 1008 | 1009 | 1010 | 1011 | 1012 | 1013 | 1014 | 1015 | 1016 | 1017 | 1018 | 1019 | 1020 | 1021 | 1022 | 1023 | 1024 | 1025 | 1026 | 1027 | 1028 | 1029 | 1030 | 1031 | 1032 | 1033 | 1034 | 1035 | 1036 | 1037 | 1038 | 1039 | 1040 | 1041 | 1042 | 1043 | 1044 | 1045 | 1046 | 1047 | 1048 | 1049 | 1050 | 1051 | 1052 | 1053 | 1054 | 1055 | 1056 | 1057 | 1058 | 1059 | 1060 | 1061 | 1062 | 1063 | 1064 | 1065 | 1066 | 1067 | 1068 | 1069 | 1070 | 1071 | 1072 | 1073 | 1074 | 1075 | 1076 | 1077 | 1078 | 1079 | 1080 | 1081 | 1082 | 1083 | 1084 | 1085 | 1086 | 1087 | 1088 | 1089 | 1090 | 1091 | 1092 | 1093 | 1094 | 1095 | 1096 | 1097 | 1098 | 1099 | 1100 | 1101 | 1102 | 1103 | 1104 | 1105 | 1106 | 1107 | 1108 | 1109 | 1110 | 1111 | 1112 | 1113 | 1114 | 1115 | 1116 | 1117 | 1118 | 1119 | 1120 | 1121 | 1122 | 1123 | 1124 | 1125 | 1126 | 1127 | 1128 | 1129 | 1130 | 1131 | 1132 | 1133 | 1134 | 1135 | 1136 | 1137 | 1138 | 1139 | 1140 | 1141 | 1142 | 1143 | 1144 | 1145 | 1146 | 1147 | 1148 | 1149 | 1150 | 1151 | 1152 | 1153 | 1154 | 1155 | 1156 | 1157 | 1158 | 1159 | 1160 | 1161 | 1162 | 1163 | 1164 | 1165 | 1166 | 1167 | 1168 | 1169 | 1170 | 1171 | 1172 | 1173 | 1174 | 1175 | 1176 | 1177 | 1178 | 1179 | 1180 | 1181 | 1182 | 1183 | 1184 | 1185 | 1186 | 1187 | 1188 | 1189 | 1190 | 1191 | 1192 | 1193 | 1194 | 1195 | 1196 | 1197 | 1198 | 1199 | 1200 | 1201 | 1202 | 1203 | 1204 | 1205 | 1206 | 1207 | 1208 | 1209 | 1210 | 1211 | 1212 | 1213 | 1214 | 1215 | 1216 | 1217 | 1218 | 1219 | 1220 | 1221 | 1222 | 1223 | 1224 | 1225 | 1226 | 1227 | 1228 | 1229 | 1230 | 1231 | 1232 | 1233 | 1234 | 1235 | 1236 | 1237 | 1238 | 1239 | 1240 | 1241 | 1242 | 1243 | 1244 | 1245 | 1246 | 1247 | 1248 | 1249 | 1250 | 1251 | 1252 | 1253 | 1254 | 1255 | 1256 | 1257 | 1258 | 1259 | 1260 | 1261 | 1262 | 1263 | 1264 | 1265 | 1266 | 1267 | 1268 | 1269 | 1270 | 1271 | 1272 | 1273 | 1274 | 1275 | 1276 | 1277 | 1278 | 1279 | 1280 | 1281 | 1282 | 1283 | 1284 | 1285 | 1286 | 1287 | 1288 | 1289 | 1290 | 1291 | 1292 | 1293 | 1294 | 1295 | 1296 | 1297 | 1298 | 1299 | 1300 | 1301 | 1302 | 1303 | 1304 | 1305 | 1306 | 1307 | 1308 | 1309 | 1310 | 1311 | 1312 | 1313 | 1314 | 1315 | 1316 | 1317 | 1318 | 1319 | 1320 | 1321 | 1322 | 1323 | 1324 | 1325 | 1326 | 1327 | 1328 | 1329 | 1330 | 1331 | 1332 | 1333 | 1334 | 1335 | 1336 | 1337 | 1338 | 1339 | 1340 | 1341 | 1342 | 1343 | 1344 | 1345 | 1346 | 1347 | 1348 | 1349 | 1350 | 1351 | 1352 | 1353 | 1354 | 1355 | 1356 | 1357 | 1358 | 1359 | 1360 | 1361 | 1362 | 1363 | 1364 | 1365 | 1366 | 1367 | 1368 | 1369 | 1370 | 1371 | 1372 | 1373 | 1374 | 1375 | 1376 | 1377 | 1378 | 1379 | 1380 | 1381 | 1382 | 1383 | 1384 | 1385 | 1386 | 1387 | 1388 | 1389 | 1390 | 1391 | 1392 | 1393 | 1394 | 1395 | 1396 | 1397 | 1398 | 1399 | 1400 | 1401 | 1402 | 1403 | 1404 | 1405 | 1406 | 1407 | 1408 | 1409 | 1410 | 1411 | 1412 | 1413 | 1414 | 1415 | 1416 | 1417 | 1418 | 1419 | 1420 | 1421 | 1422 | 1423 | 1424 | 1425 | 1426 | 1427 | 1428 | 1429 | 1430 | 1431 | 1432 | 1433 | 1434 | 1435 | 1436 | 1437 | 1438 | 1439 | 1440 | 1441 | 1442 | 1443 | 1444 | 1445 | 1446 | 1447 | 1448 | 1449 | 1450 | 1451 | 1452 | 1453 | 1454 | 1455 | 1456 | 1457 | 1458 | 1459 | 1460 | 1461 | 1462 | 1463 | 1464 | 1465 | 1466 | 1467 | 1468 | 1469 | 1470 | 1471 | 1472 | 1473 | 1474 | 1475 | 1476 | 1477 | 1478 | 1479 | 1480 | 1481 | 1482 | 1483 | 1484 | 1485 | 1486 | 1487 | 1488 | 1489 | 1490 | 1491 | 1492 | 1493 | 1494 | 1495 | 149 |
|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-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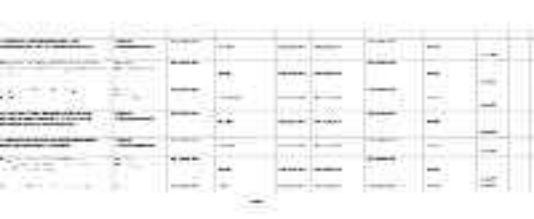
[illegible]



| Category    | Item        | Value | Unit |
|-------------|-------------|-------|------|
| A. Total    | 1. Total    | 100   | %    |
|             | 2. Total    | 100   | %    |
|             | 3. Total    | 100   | %    |
|             | 4. Total    | 100   | %    |
| B. Subtotal | 5. Subtotal | 100   | %    |
|             | 6. Subtotal | 100   | %    |
|             | 7. Subtotal | 100   | %    |
|             | 8. Subtotal | 100   | %    |

| Item                   | Unit           | Quantity | Unit Price | Total Price | Remarks |
|------------------------|----------------|----------|------------|-------------|---------|
| 1. Cement              | kg             | 100      | 1.20       | 120.00      |         |
| 2. Sand                | m <sup>3</sup> | 1.5      | 150.00     | 225.00      |         |
| 3. Aggregate           | m <sup>3</sup> | 1.5      | 180.00     | 270.00      |         |
| 4. Labour              | man            | 10       | 100.00     | 1000.00     |         |
| 5. Formwork            | m <sup>2</sup> | 10       | 20.00      | 200.00      |         |
| 6. Steel reinforcement | kg             | 100      | 1.20       | 120.00      |         |
| 7. Water               | m <sup>3</sup> | 1.5      | 10.00      | 15.00       |         |
| 8. Transport           | km             | 10       | 10.00      | 100.00      |         |
| 9. Miscellaneous       | kg             | 100      | 1.20       | 120.00      |         |
| 10. Total              |                |          |            | 3000.00     |         |

| Item             | Unit           | Quantity | Unit Price | Total Price | Remarks |
|------------------|----------------|----------|------------|-------------|---------|
| 1. Cement        | kg             | 1000     | 1.20       | 1200.00     |         |
| 2. Sand          | m <sup>3</sup> | 5        | 150.00     | 750.00      |         |
| 3. Aggregate     | m <sup>3</sup> | 5        | 180.00     | 900.00      |         |
| 4. Labour        | man            | 10       | 100.00     | 1000.00     |         |
| 5. Water         | m <sup>3</sup> | 10       | 10.00      | 100.00      |         |
| 6. Formwork      | m <sup>2</sup> | 20       | 50.00      | 1000.00     |         |
| 7. Reinforcement | kg             | 100      | 10.00      | 1000.00     |         |
| 8. Concrete      | m <sup>3</sup> | 10       | 150.00     | 1500.00     |         |
| 9. Foundation    | m <sup>3</sup> | 10       | 150.00     | 1500.00     |         |
| 10. Wall         | m <sup>3</sup> | 10       | 150.00     | 1500.00     |         |
| 11. Floor        | m <sup>2</sup> | 100      | 10.00      | 1000.00     |         |
| 12. Roof         | m <sup>2</sup> | 100      | 10.00      | 1000.00     |         |
| 13. Window       | m <sup>2</sup> | 10       | 100.00     | 1000.00     |         |
| 14. Door         | m <sup>2</sup> | 10       | 100.00     | 1000.00     |         |
| 15. Plaster      | m <sup>2</sup> | 100      | 10.00      | 1000.00     |         |
| 16. Paint        | kg             | 100      | 10.00      | 1000.00     |         |
| 17. Electrical   | m              | 100      | 10.00      | 1000.00     |         |
| 18. Plumbing     | m              | 100      | 10.00      | 1000.00     |         |
| 19. Sanitary     | m              | 100      | 10.00      | 1000.00     |         |
| 20. Furniture    | m              | 100      | 10.00      | 1000.00     |         |



|                                        |                                                   |
|----------------------------------------|---------------------------------------------------|
| 1. Name of the project                 | 2. Location of the project                        |
| 3. Date of the project                 | 4. Duration of the project                        |
| 5. Objectives of the project           | 6. Scope of the project                           |
| 7. Budget of the project               | 8. Resources of the project                       |
| 9. Risks of the project                | 10. Stakeholders of the project                   |
| 11. Communication plan of the project  | 12. Monitoring and evaluation plan of the project |
| 13. Reporting mechanism of the project | 14. Approval of the project                       |
| 15. Signatures of the project team     | 16. Signatures of the project sponsor             |

|                                                      |                                                      |
|------------------------------------------------------|------------------------------------------------------|
| 17. Name of the project manager                      | 18. Name of the project sponsor                      |
| 19. Name of the project steering committee           | 20. Name of the project steering committee chair     |
| 21. Name of the project steering committee members   | 22. Name of the project steering committee secretary |
| 23. Name of the project steering committee treasurer | 24. Name of the project steering committee clerk     |
| 25. Name of the project steering committee auditor   | 26. Name of the project steering committee assessor  |
| 27. Name of the project steering committee reviewer  | 28. Name of the project steering committee validator |
| 29. Name of the project steering committee verifier  | 30. Name of the project steering committee checker   |
| 31. Name of the project steering committee approver  | 32. Name of the project steering committee signatory |
| 33. Name of the project steering committee signer    | 34. Name of the project steering committee signee    |
| 35. Name of the project steering committee signee    | 36. Name of the project steering committee signee    |
| 37. Name of the project steering committee signee    | 38. Name of the project steering committee signee    |
| 39. Name of the project steering committee signee    | 40. Name of the project steering committee signee    |
| 41. Name of the project steering committee signee    | 42. Name of the project steering committee signee    |
| 43. Name of the project steering committee signee    | 44. Name of the project steering committee signee    |
| 45. Name of the project steering committee signee    | 46. Name of the project steering committee signee    |
| 47. Name of the project steering committee signee    | 48. Name of the project steering committee signee    |
| 49. Name of the project steering committee signee    | 50. Name of the project steering committee signee    |
| 51. Name of the project steering committee signee    | 52. Name of the project steering committee signee    |
| 53. Name of the project steering committee signee    | 54. Name of the project steering committee signee    |
| 55. Name of the project steering committee signee    | 56. Name of the project steering committee signee    |
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| 59. Name of the project steering committee signee    | 60. Name of the project steering committee signee    |
| 61. Name of the project steering committee signee    | 62. Name of the project steering committee signee    |
| 63. Name of the project steering committee signee    | 64. Name of the project steering committee signee    |
| 65. Name of the project steering committee signee    | 66. Name of the project steering committee signee    |
| 67. Name of the project steering committee signee    | 68. Name of the project steering committee signee    |
| 69. Name of the project steering committee signee    | 70. Name of the project steering committee signee    |
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| 89. Name of the project steering committee signee    | 90. Name of the project steering committee signee    |
| 91. Name of the project steering committee signee    | 92. Name of the project steering committee signee    |
| 93. Name of the project steering committee signee    | 94. Name of the project steering committee signee    |
| 95. Name of the project steering committee signee    | 96. Name of the project steering committee signee    |
| 97. Name of the project steering committee signee    | 98. Name of the project steering committee signee    |
| 99. Name of the project steering committee signee    | 100. Name of the project steering committee signee   |

|                                 |                                  |                                  |                                   |                               |                                 |                                    |                                  |                               |
|---------------------------------|----------------------------------|----------------------------------|-----------------------------------|-------------------------------|---------------------------------|------------------------------------|----------------------------------|-------------------------------|
| 1. <b>Project Overview</b>      | Project Name                     | Project Manager                  | Project Sponsor                   | Project Start Date            | Project End Date                | Project Status                     | Project Budget                   | Project Risk                  |
| 2. <b>Project Objectives</b>    | Project Purpose                  | Project Goals                    | Project Outcomes                  | Project Deliverables          | Project Milestones              | Project Risks                      | Project Resources                | Project Stakeholders          |
| 3. <b>Project Scope</b>         | Project Scope Statement          | Project Scope Definition         | Project Scope Management          | Project Scope Control         | Project Scope Change            | Project Scope Verification         | Project Scope Validation         | Project Scope Closure         |
| 4. <b>Project Schedule</b>      | Project Schedule Management      | Project Schedule Definition      | Project Schedule Development      | Project Schedule Control      | Project Schedule Change         | Project Schedule Verification      | Project Schedule Validation      | Project Schedule Closure      |
| 5. <b>Project Cost</b>          | Project Cost Management          | Project Cost Definition          | Project Cost Development          | Project Cost Control          | Project Cost Change             | Project Cost Verification          | Project Cost Validation          | Project Cost Closure          |
| 6. <b>Project Quality</b>       | Project Quality Management       | Project Quality Definition       | Project Quality Development       | Project Quality Control       | Project Quality Change          | Project Quality Verification       | Project Quality Validation       | Project Quality Closure       |
| 7. <b>Project Risk</b>          | Project Risk Management          | Project Risk Definition          | Project Risk Development          | Project Risk Control          | Project Risk Change             | Project Risk Verification          | Project Risk Validation          | Project Risk Closure          |
| 8. <b>Project Communication</b> | Project Communication Management | Project Communication Definition | Project Communication Development | Project Communication Control | Project Communication Change    | Project Communication Verification | Project Communication Validation | Project Communication Closure |
| 9. <b>Project Procurement</b>   | Project Procurement Management   | Project Procurement Definition   | Project Procurement Development   | Project Procurement Control   | Project Procurement Change      | Project Procurement Verification   | Project Procurement Validation   | Project Procurement Closure   |
| 10. <b>Project Stakeholder</b>  | Project Stakeholder Management   | Project Stakeholder Definition   | Project Stakeholder Development   | Project Stakeholder Control   | Project Stakeholder Change      | Project Stakeholder Verification   | Project Stakeholder Validation   | Project Stakeholder Closure   |
| 11. <b>Project Management</b>   | Project Management Definition    | Project Management Development   | Project Management Control        | Project Management Change     | Project Management Verification | Project Management Validation      | Project Management Closure       | Project Management Closure    |
| 12. <b>Project Summary</b>      | Project Summary Definition       | Project Summary Development      | Project Summary Control           | Project Summary Change        | Project Summary Verification    | Project Summary Validation         | Project Summary Closure          | Project Summary Closure       |



1. **General Information**  
 2. **Project Description**  
 3. **Objectives**  
 4. **Methodology**  
 5. **Results**  
 6. **Conclusion**  
 7. **References**  
 8. **Appendix**  
 9. **Index**  
 10. **Table of Contents**

| No. | Date       | Time  | Topic             | Speaker      | Duration | Status    | Remarks | Signature | Date |
|-----|------------|-------|-------------------|--------------|----------|-----------|---------|-----------|------|
|     |            |       |                   |              |          |           |         |           |      |
| 1   | 2023-10-26 | 09:00 | Introduction      | Dr. A. B. C. | 10 min   | Completed |         |           |      |
| 2   | 2023-10-26 | 09:15 | Project Overview  | Dr. A. B. C. | 10 min   | Completed |         |           |      |
| 3   | 2023-10-26 | 09:30 | Objectives        | Dr. A. B. C. | 10 min   | Completed |         |           |      |
| 4   | 2023-10-26 | 09:45 | Methodology       | Dr. A. B. C. | 10 min   | Completed |         |           |      |
| 5   | 2023-10-26 | 10:00 | Results           | Dr. A. B. C. | 10 min   | Completed |         |           |      |
| 6   | 2023-10-26 | 10:15 | Conclusion        | Dr. A. B. C. | 10 min   | Completed |         |           |      |
| 7   | 2023-10-26 | 10:30 | References        | Dr. A. B. C. | 10 min   | Completed |         |           |      |
| 8   | 2023-10-26 | 10:45 | Appendix          | Dr. A. B. C. | 10 min   | Completed |         |           |      |
| 9   | 2023-10-26 | 11:00 | Index             | Dr. A. B. C. | 10 min   | Completed |         |           |      |
| 10  | 2023-10-26 | 11:15 | Table of Contents | Dr. A. B. C. | 10 min   | Completed |         |           |      |
| 11  | 2023-10-26 | 11:30 | Q&A Session       | Dr. A. B. C. | 10 min   | Completed |         |           |      |
| 12  | 2023-10-26 | 11:45 | Summary           | Dr. A. B. C. | 10 min   | Completed |         |           |      |
| 13  | 2023-10-26 | 12:00 | Next Steps        | Dr. A. B. C. | 10 min   | Completed |         |           |      |
| 14  | 2023-10-26 | 12:15 | Feedback          | Dr. A. B. C. | 10 min   | Completed |         |           |      |
| 15  | 2023-10-26 | 12:30 | Closing Remarks   | Dr. A. B. C. | 10 min   | Completed |         |           |      |



| Item                           | Unit           | Quantity | Unit Price | Total Price | Remarks |
|--------------------------------|----------------|----------|------------|-------------|---------|
| 1. 100mm thick concrete slab   | m <sup>2</sup> | 100      | 120        | 12000       |         |
| 2. 150mm thick concrete slab   | m <sup>2</sup> | 150      | 150        | 22500       |         |
| 3. 200mm thick concrete slab   | m <sup>2</sup> | 200      | 180        | 36000       |         |
| 4. 250mm thick concrete slab   | m <sup>2</sup> | 250      | 200        | 50000       |         |
| 5. 300mm thick concrete slab   | m <sup>2</sup> | 300      | 220        | 66000       |         |
| 6. 350mm thick concrete slab   | m <sup>2</sup> | 350      | 240        | 84000       |         |
| 7. 400mm thick concrete slab   | m <sup>2</sup> | 400      | 260        | 104000      |         |
| 8. 450mm thick concrete slab   | m <sup>2</sup> | 450      | 280        | 126000      |         |
| 9. 500mm thick concrete slab   | m <sup>2</sup> | 500      | 300        | 150000      |         |
| 10. 550mm thick concrete slab  | m <sup>2</sup> | 550      | 320        | 176000      |         |
| 11. 600mm thick concrete slab  | m <sup>2</sup> | 600      | 340        | 204000      |         |
| 12. 650mm thick concrete slab  | m <sup>2</sup> | 650      | 360        | 234000      |         |
| 13. 700mm thick concrete slab  | m <sup>2</sup> | 700      | 380        | 266000      |         |
| 14. 750mm thick concrete slab  | m <sup>2</sup> | 750      | 400        | 300000      |         |
| 15. 800mm thick concrete slab  | m <sup>2</sup> | 800      | 420        | 336000      |         |
| 16. 850mm thick concrete slab  | m <sup>2</sup> | 850      | 440        | 374000      |         |
| 17. 900mm thick concrete slab  | m <sup>2</sup> | 900      | 460        | 414000      |         |
| 18. 950mm thick concrete slab  | m <sup>2</sup> | 950      | 480        | 456000      |         |
| 19. 1000mm thick concrete slab | m <sup>2</sup> | 1000     | 500        | 500000      |         |
| 20. 1050mm thick concrete slab | m <sup>2</sup> | 1050     | 520        | 546000      |         |
| 21. 1100mm thick concrete slab | m <sup>2</sup> | 1100     | 540        | 594000      |         |
| 22. 1150mm thick concrete slab | m <sup>2</sup> | 1150     | 560        | 644000      |         |
| 23. 1200mm thick concrete slab | m <sup>2</sup> | 1200     | 580        | 696000      |         |
| 24. 1250mm thick concrete slab | m <sup>2</sup> | 1250     | 600        | 750000      |         |
| 25. 1300mm thick concrete slab | m <sup>2</sup> | 1300     | 620        | 806000      |         |
| 26. 1350mm thick concrete slab | m <sup>2</sup> | 1350     | 640        | 864000      |         |
| 27. 1400mm thick concrete slab | m <sup>2</sup> | 1400     | 660        | 924000      |         |
| 28. 1450mm thick concrete slab | m <sup>2</sup> | 1450     | 680        | 986000      |         |
| 29. 1500mm thick concrete slab | m <sup>2</sup> | 1500     | 700        | 1050000     |         |
| 30. 1550mm thick concrete slab | m <sup>2</sup> | 1550     | 720        | 1116000     |         |
| 31. 1600mm thick concrete slab | m <sup>2</sup> | 1600     | 740        | 1184000     |         |
| 32. 1650mm thick concrete slab | m <sup>2</sup> | 1650     | 760        | 1254000     |         |
| 33. 1700mm thick concrete slab | m <sup>2</sup> | 1700     | 780        | 1326000     |         |
| 34. 1750mm thick concrete slab | m <sup>2</sup> | 1750     | 800        | 1400000     |         |
| 35. 1800mm thick concrete slab | m <sup>2</sup> | 1800     | 820        | 1476000     |         |
| 36. 1850mm thick concrete slab | m <sup>2</sup> | 1850     | 840        | 1554000     |         |
| 37. 1900mm thick concrete slab | m <sup>2</sup> | 1900     | 860        | 1634000     |         |
| 38. 1950mm thick concrete slab | m <sup>2</sup> | 1950     | 880        | 1716000     |         |
| 39. 2000mm thick concrete slab | m <sup>2</sup> | 2000     | 900        | 1800000     |         |
| 40. 2050mm thick concrete slab | m <sup>2</sup> | 2050     | 920        | 1886000     |         |
| 41. 2100mm thick concrete slab | m <sup>2</sup> | 2100     | 940        | 1974000     |         |
| 42. 2150mm thick concrete slab | m <sup>2</sup> | 2150     | 960        | 2064000     |         |
| 43. 2200mm thick concrete slab | m <sup>2</sup> | 2200     | 980        | 2156000     |         |
| 44. 2250mm thick concrete slab | m <sup>2</sup> | 2250     | 1000       | 2250000     |         |
| 45. 2300mm thick concrete slab | m <sup>2</sup> | 2300     | 1020       | 2346000     |         |
| 46. 2350mm thick concrete slab | m <sup>2</sup> | 2350     | 1040       | 2444000     |         |
| 47. 2400mm thick concrete slab | m <sup>2</sup> | 2400     | 1060       | 2544000     |         |
| 48. 2450mm thick concrete slab | m <sup>2</sup> | 2450     | 1080       | 2646000     |         |
| 49. 2500mm thick concrete slab | m <sup>2</sup> | 2500     | 1100       | 2750000     |         |
| 50. 2550mm thick concrete slab | m <sup>2</sup> | 2550     | 1120       | 2856000     |         |
| 51. 2600mm thick concrete slab | m <sup>2</sup> | 2600     | 1140       | 2964000     |         |
| 52. 2650mm thick concrete slab | m <sup>2</sup> | 2650     | 1160       | 3074000     |         |
| 53. 2700mm thick concrete slab | m <sup>2</sup> | 2700     | 1180       | 3186000     |         |
| 54. 2750mm thick concrete slab | m <sup>2</sup> | 2750     | 1200       | 3300000     |         |
| 55. 2800mm thick concrete slab | m <sup>2</sup> | 2800     | 1220       | 3416000     |         |
| 56. 2850mm thick concrete slab | m <sup>2</sup> |          |            |             |         |

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[illegible]

| Year | Country        | Population (millions) | Urban population (millions) | Urban population (%) | Population density (per sq km) | Urban population density (per sq km) | Notes |
|------|----------------|-----------------------|-----------------------------|----------------------|--------------------------------|--------------------------------------|-------|
| 1950 | India          | 360                   | 100                         | 28                   | 170                            | 1,000                                |       |
| 1950 | China          | 550                   | 100                         | 18                   | 150                            | 1,000                                |       |
| 1950 | USA            | 150                   | 100                         | 67                   | 30                             | 1,000                                |       |
| 1950 | UK             | 50                    | 40                          | 80                   | 250                            | 1,000                                |       |
| 1950 | France         | 40                    | 30                          | 75                   | 200                            | 1,000                                |       |
| 1950 | Germany        | 50                    | 30                          | 60                   | 250                            | 1,000                                |       |
| 1950 | Japan          | 90                    | 40                          | 44                   | 330                            | 1,000                                |       |
| 1950 | Soviet Union   | 170                   | 100                         | 59                   | 100                            | 1,000                                |       |
| 1950 | Italy          | 40                    | 30                          | 75                   | 200                            | 1,000                                |       |
| 1950 | Spain          | 25                    | 10                          | 40                   | 100                            | 1,000                                |       |
| 1950 | Sweden         | 8                     | 5                           | 63                   | 150                            | 1,000                                |       |
| 1950 | Norway         | 3                     | 2                           | 67                   | 100                            | 1,000                                |       |
| 1950 | Denmark        | 2                     | 1                           | 50                   | 200                            | 1,000                                |       |
| 1950 | Netherlands    | 15                    | 10                          | 67                   | 300                            | 1,000                                |       |
| 1950 | Belgium        | 9                     | 6                           | 67                   | 300                            | 1,000                                |       |
| 1950 | Luxembourg     | 0.5                   | 0.3                         | 60                   | 1,000                          | 1,000                                |       |
| 1950 | Switzerland    | 2.5                   | 1.5                         | 60                   | 200                            | 1,000                                |       |
| 1950 | Austria        | 7                     | 4                           | 57                   | 150                            | 1,000                                |       |
| 1950 | Poland         | 30                    | 15                          | 50                   | 100                            | 1,000                                |       |
| 1950 | Czech Republic | 12                    | 6                           | 50                   | 150                            | 1,000                                |       |
| 1950 | Slovakia       | 5                     | 2                           | 40                   | 100                            | 1,000                                |       |
| 1950 | Hungary        | 10                    | 5                           | 50                   | 100                            | 1,000                                |       |
| 1950 | Romania        | 20                    | 10                          | 50                   | 100                            | 1,000                                |       |
| 1950 | Bulgaria       | 8                     | 4                           | 50                   | 100                            | 1,000                                |       |
| 1950 | Greece         | 7                     | 2                           | 29                   | 100                            | 1,000                                |       |
| 1950 | Turkey         | 15                    | 5                           | 33                   | 100                            | 1,000                                |       |
| 1950 | Iran           | 20                    | 5                           | 25                   | 100                            | 1,000                                |       |
| 1950 | Pakistan       | 40                    | 10                          | 25                   | 100                            | 1,000                                |       |
| 1950 | India          | 360                   | 100                         | 28                   | 170                            | 1,000                                |       |
| 1950 | China          | 550                   | 100                         | 18                   | 150                            | 1,000                                |       |
| 1950 | USA            | 150                   | 100                         | 67                   | 30                             | 1,000                                |       |
| 1950 | UK             | 50                    | 40                          | 80                   | 250                            | 1,000                                |       |
| 1950 | France         | 40                    | 30                          | 75                   | 200                            | 1,000                                |       |
| 1950 | Germany        | 50                    | 30                          | 60                   | 250                            | 1,000                                |       |
| 1950 | Japan          | 90                    | 40                          | 44                   | 330                            | 1,000                                |       |
| 1950 | Soviet Union   | 170                   | 100                         | 59                   | 100                            | 1,000                                |       |
| 1950 | Italy          | 40                    | 30                          | 75                   | 200                            | 1,000                                |       |
| 1950 | Spain          | 25                    | 10                          | 40                   | 100                            | 1,000                                |       |
| 1950 | Sweden         | 8                     | 5                           | 63                   | 150                            | 1,000                                |       |
| 1950 | Norway         | 3                     | 2                           | 67                   | 100                            | 1,000                                |       |
| 1950 | Denmark        | 2                     | 1                           | 50                   | 200                            | 1,000                                |       |
| 1950 | Netherlands    | 15                    | 10                          | 67                   | 300                            | 1,000                                |       |
| 1950 | Belgium        | 9                     | 6                           | 67                   | 300                            | 1,000                                |       |
| 1950 | Luxembourg     | 0.5                   | 0.3                         | 60                   | 1,000                          | 1,000                                |       |
| 1950 | Switzerland    | 2.5                   | 1.5                         | 60                   | 200                            | 1,000                                |       |
| 1950 | Austria        | 7                     | 4                           | 57                   | 150                            | 1,000                                |       |
| 1950 | Poland         | 30                    | 15                          | 50                   | 100                            | 1,000                                |       |
| 1950 | Czech Republic | 12                    | 6                           | 50                   | 150                            | 1,000                                |       |
| 1950 | Slovakia       | 5                     | 2                           | 40                   | 100                            | 1,000                                |       |
| 1950 | Hungary        | 10                    | 5                           | 50                   | 100                            | 1,000                                |       |
| 1950 | Romania        | 20                    | 10                          | 50                   | 100                            | 1,000                                |       |
| 1950 | Bulgaria       | 8                     | 4                           | 50                   | 100                            | 1,000                                |       |
| 1950 | Greece         | 7                     | 2                           | 29                   | 100                            | 1,000                                |       |
| 1950 | Turkey         | 15                    | 5                           | 33                   | 100                            | 1,000                                |       |
| 1950 | Iran           | 20                    | 5                           | 25                   | 100                            | 1,000                                |       |

| Kategorie       | Lernaktivitäten |             | Lernergebnisse |             | Lernaktivitäten |             |         |             | Lernergebnisse |             |          |             |
|-----------------|-----------------|-------------|----------------|-------------|-----------------|-------------|---------|-------------|----------------|-------------|----------|-------------|
|                 | Wissen          | Fähigkeiten | Wissen         | Fähigkeiten | Wissen          | Fähigkeiten | Wissen  | Fähigkeiten | Wissen         | Fähigkeiten | Wissen   | Fähigkeiten |
| Grundlagen      | 1.1.1.1         | 1.1.1.2     | 1.1.1.3        | 1.1.1.4     | 1.1.1.5         | 1.1.1.6     | 1.1.1.7 | 1.1.1.8     | 1.1.1.9        | 1.1.1.10    | 1.1.1.11 | 1.1.1.12    |
| Vertiefung      | 2.1.1.1         | 2.1.1.2     | 2.1.1.3        | 2.1.1.4     | 2.1.1.5         | 2.1.1.6     | 2.1.1.7 | 2.1.1.8     | 2.1.1.9        | 2.1.1.10    | 2.1.1.11 | 2.1.1.12    |
|                 | 2.1.1.1         | 2.1.1.2     | 2.1.1.3        | 2.1.1.4     | 2.1.1.5         | 2.1.1.6     | 2.1.1.7 | 2.1.1.8     | 2.1.1.9        | 2.1.1.10    | 2.1.1.11 | 2.1.1.12    |
| Spezialisierung | 3.1.1.1         | 3.1.1.2     | 3.1.1.3        | 3.1.1.4     | 3.1.1.5         | 3.1.1.6     | 3.1.1.7 | 3.1.1.8     | 3.1.1.9        | 3.1.1.10    | 3.1.1.11 | 3.1.1.12    |
|                 | 3.1.1.1         | 3.1.1.2     | 3.1.1.3        | 3.1.1.4     | 3.1.1.5         | 3.1.1.6     | 3.1.1.7 | 3.1.1.8     | 3.1.1.9        | 3.1.1.10    | 3.1.1.11 | 3.1.1.12    |
| Forschung       | 4.1.1.1         | 4.1.1.2     | 4.1.1.3        | 4.1.1.4     | 4.1.1.5         | 4.1.1.6     | 4.1.1.7 | 4.1.1.8     | 4.1.1.9        | 4.1.1.10    | 4.1.1.11 | 4.1.1.12    |
|                 | 4.1.1.1         | 4.1.1.2     | 4.1.1.3        | 4.1.1.4     | 4.1.1.5         | 4.1.1.6     | 4.1.1.7 | 4.1.1.8     | 4.1.1.9        | 4.1.1.10    | 4.1.1.11 | 4.1.1.12    |
| Praxis          | 5.1.1.1         | 5.1.1.2     | 5.1.1.3        | 5.1.1.4     | 5.1.1.5         | 5.1.1.6     | 5.1.1.7 | 5.1.1.8     | 5.1.1.9        | 5.1.1.10    | 5.1.1.11 | 5.1.1.12    |
|                 | 5.1.1.1         | 5.1.1.2     | 5.1.1.3        | 5.1.1.4     | 5.1.1.5         | 5.1.1.6     | 5.1.1.7 | 5.1.1.8     | 5.1.1.9        | 5.1.1.10    | 5.1.1.11 | 5.1.1.12    |











# For comparison purposes

| required     | required                     | actual                       | comments                                                                           |
|--------------|------------------------------|------------------------------|------------------------------------------------------------------------------------|
| equipment    | equipment 17<br>equipment 11 | equipment 14<br>equipment 10 | 11 equipment not required, 2 surplus<br>11 obsolete to meet reports                |
| Personnel    | 11                           | 11                           | 11 personnel                                                                       |
| expenses     | 1                            | 1                            | 100% met                                                                           |
| Office space | 11                           | 11                           | 11 more office needed                                                              |
| Vehicle      | 11                           | 11                           | 11 in good condition and<br>in use<br>11 not in good condition<br>11 very outdated |



