

THE FEDERAL DEMOCRATIC REPUBLIC OF
ETHIOPIA
CENTRAL STATISTICAL AUTHORITY

REPORT ON CONTRACT CONSTRUCTION
ACTIVITIES SURVEY

MAY 2000

ADDIS ABABA
DEC. 2000

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ACTIVITIES SURVEY**

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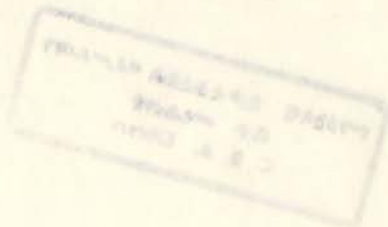
**ADDIS ABABA
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232 STATISTICAL BULLETIN 232

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STATISTICAL BULLETIN 232

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CONTENTS

	<u>PAGE NO</u>
LIST OF TABLES	II
LIST OF FIGURES	VI
ABBREVIATIONS	VI
PART I. INTRODUCTION AND OBJECTIVES OF THE SURVEY	
1. INTRODUCTION	1
2. OBJECTIVES OF THE SURVEY	2
PART II. SURVEY METHODOLOGY, DATA COLLECTION AND PROCESSING	
1. SCOPE AND COVERAGE	3
2. BASIC CONCEPTS AND DEFINITIONS	5
3. TRAINING OF FIELD STAFF	11
4. METHODS OF DATA COLLECTION AND FIELD ORGANIZATION	11
5. DATA PROCESSING	12
a. EDITING, CODING AND VERIFICATION	12
b. DATA ENTRY, CLEANING AND TABULATION	13
PART III. REVIEW OF SELECTED SURVEY RESULTS	15
PART IV STATISTICAL TABLES	27
ANNEX: SURVEY QUESTIONNAIRE	67

C. B. A. Sivan

LIST OF TABLES

<u>TABLE NO.</u>	<u>PAGE NO</u>
C.1 PAID UP CAPITAL OF REPORTING ENTERPRISES BY SOURCE OF OWNERSHIP AND MAIN CONSTRUCTION ACTIVITY	29
C.2 NUMBER OF ENTERPRISES BY FORM OF OWNERSHIP AND MAIN CONSTRUCTION ACTIVITY	29
C.3 NUMBER OF REPORTING ENTERPRISES BY SIZE OF PAID-UP CAPITAL, OWNERSHIP AND MAIN CONSTRUCTION ACTIVITY	30
C.4 NUMBER OF ENTERPRISES WITH OR WITHOUT BOOKS OF ACCOUNTS BY THE CALENDAR YEAR THEIR BOOKS OF ACCOUNTS ARE KEPT AND MAIN CONSTRUCTION ACTIVITY	31
C.5 PERCENTAGE DISTRIBUTION OF ENTERPRISES BY FIRST MAJOR OPERATIONAL PROBLEMS FACED AND MAIN CONSTRUCTION ACTIVITY	32
C.6 NUMBER OF PERSONS ENGAGED AND WAGES AND SALARIES BY SEX, OWNERSHIP AND MAIN CONSTRUCTION ACTIVITY	33
C.7 NUMBER OF PERSONS ENGAGED BY OCCUPATIONAL GROUP AND MAIN CONSTRUCTION ACTIVITY	34
C.8 GROSS WAGES AND SALARIES, OTHER EMPLOYEE BENEFITS, SUPPLEMENTS TO WAGES AND SALARIES BY MAIN CONSTRUCTION ACTIVITY	35
C.9 GROSS WAGES AND SALARIES BY OCCUPATIONAL GROUP, SEX AND MAIN CONSTRUCTION ACTIVITY	36

TABLE NO.**PAGE NO.**

C.10	NUMBER OF ENTERPRISES AND NUMBER OF PERSONS ENGAGED BY SIZE OF PERSONS ENGAGED AND MAIN CONSTRUCTION ACTIVITY	37
C.11	NUMBER OF ENTERPRISES AND NUMBER OF PERSONS ENGAGED BY SIZE OF CAPITAL AND MAIN CONSTRUCTION ACTIVITY	38
C.12	DEMANDS ON AND OUTPUT OF CONTRACTORS BY MAIN CONSTRUCTION ACTIVITY	39
C.13	DEMANDS ON AND OUTPUT OF CONTRACTORS BY TYPE OF CONSTRUCTION WORK DONE, PUBLIC & PRIVATE	40
C.14	DEMANDS ON AND OUTPUT OF CONTRACTORS BY TYPE OF CONSTRUCTION WORK DONE, PUBLIC	41
C.15	DEMANDS ON AND OUTPUT OF CONTRACTORS BY TYPE OF CONSTRUCTION WORK DONE, PRIVATE	42
C.16	NUMBER OF ENTERPRISES, GROSS VALUE OF CONSTRUCTION OUTPUT, EXPENSES DIRECTLY RELATED TO CONSTRUCTION, INDIRECT TAXES NET AND CENSUS VALUE ADDED BY MAIN CONSTRUCTION ACTIVITY	43
C.17	NUMBER OF ENTERPRISES, GROSS VALUE OF CONSTRUCTION OUTPUT, EXPENSES DIRECTLY RELATED TO CONSTRUCTION AND NON- CONSTRUCTION EXPENSES, INDIRECT TAXES NET AND VALUE ADDED IN THE NATIONAL ACCOUNT CONCEPT BY MAIN CONSTRUCTION ACTIVITY	44
C.18	COMPONENTS OF GROSS VALUE OF CONSTRUCTION OUTPUT BY MAIN CONSTRUCTION ACTIVITY	45

TABLE NO.**PAGE NO**

C.19	GROSS VALUE OF CONSTRUCTION OUTPUT BY SIZE OF PERSONS ENGAGED AND MAIN CONSTRUCTION ACTIVITY	46
C.20	GROSS VALUE OF CONSTRUCTION OUTPUT BY SIZE OF CAPITAL AND MAIN CONSTRUCTION ACTIVITY	47
C.21	VALUE ADDED BY SIZE OF PERSONS ENGAGED AND MAIN CONSTRUCTION ACTIVITY	48
C.22	VALUE ADDED BY SIZE OF CAPITAL AND MAIN CONSTRUCTION ACTIVITY	49
C.23	NUMBER OF ENTERPRISES, TOTAL REVENUE FROM NEW CONSTRUCTION INCLUDING EXTENSION, VALUE OF CAPITAL REPAIR AND MAINTENANCE BY TYPE OF MAIN CONSTRUCTION ACTIVITY	50
C.24	VALUE OF NEW CONSTRUCTION INCLUDING EXTENSION AND CAPITAL REPAIR AND MAINTENANCE BY TYPE OF CONSTRUCTION WORK DONE - PUBLIC AND PRIVATE	51
C.25	VALUE OF NEW CONSTRUCTION INCLUDING EXTENSION AND CAPITAL REPAIR AND MAINTENANCE BY TYPE OF CONSTRUCTION WORK DONE - PUBLIC	52
C.26	VALUE OF NEW CONSTRUCTION INCLUDING EXTENSION AND CAPITAL REPAIR AND MAINTENANCE BY TYPE OF CONSTRUCTION WORK DONE - PRIVATE	53
C.27	NUMBER OF ENTERPRISES, COST OF RAW MATERIALS CONSUMED, PAYMENTS TO SUBCONTRACTORS, ENERGY CONSUMED AND CONSTRUCTION AND NON - CONSTRUCTION SERVICES RENDERED BY OTHERS BY MAIN CONSTRUCTION ACTIVITY	54

TABLE NO.**PAGE NO**

C.28	NUMBER OF ENTERPRISES AND COST OF ENERGY CONSUMED BY MAIN CONSTRUCTION ACTIVITY	55
C.29	FIXED ASSETS AND NEW CAPITAL EXPENDITURE BY OWNERSHIP AND MAIN CONSTRUCTION ACTIVITY	56
C.30	INVESTMENT IN FIXED ASSETS OF REPORTING ENTERPRISES BY SOURCE AND MAIN CONSTRUCTION ACTIVITY	57
C.31	FIXED ASSETS OF REPORTING ENTERPRISES BY TYPE AND MAIN CONSTRUCTION ACTIVITY	58
C.32	FIXED ASSETS AND NEW CAPITAL EXPENDITURE OF REPORTING ENTERPRISES BY SIZE OF PERSONS ENGAGED AND MAIN CONSTRUCTION ACTIVITY	59
C.33	FIXED ASSETS OF REPORTING ENTERPRISES BY SIZE OF CAPITAL AND MAIN CONSTRUCTION ACTIVITY	60
C.34	NEW CAPITAL EXPENDITURE OF REPORTING ENTERPRISES BY SIZE OF CAPITAL AND MAIN CONSTRUCTION ACTIVITY	61
C.35	VALUE OF NEW CONSTRUCTION INCLUDING EXTENSION AND CAPITAL REPAIR AND MAINTENANCE BY TYPE OF CONSTRUCTION WORK DONE AND REGION - PUBLIC AND PRIVATE	62
C.36	VALUE OF NEW CONSTRUCTION INCLUDING EXTENSION AND CAPITAL REPAIR AND MAINTENANCE BY TYPE OF CONSTRUCTION WORK DONE AND REGION - PUBLIC	63
C.37	VALUE OF NEW CONSTRUCTION INCLUDING EXTENSION AND CAPITAL REPAIR AND MAINTENANCE BY TYPE OF CONSTRUCTION WORK DONE AND REGION - PRIVATE	64

<u>TABLE NO.</u>	<u>PAGE NO</u>
C.38 INDICATORS OF CONSTRUCTION ACTIVITY BY TYPE OF OWNERSHIP AND MAIN CONSTRUCTION ACTIVITY	65
C.39 ANALYTICAL RATIOS ON CONSTRUCTION ACTIVITIES BY MAIN CONSTRUCTION ACTIVITY	66

LIST OF FIGURES

<u>FIGURE NO.</u>	<u>PAGE NO.</u>
FIG. I GROSS VALUE OF CONSTRUCTION OUTPUT BY OWNERSHIP - 1998/99 (1991 E.F.Y.)	21
FIG. II VALUE ADDED BY OWNERSHIP - 1998/99 (1991 E.F.Y.)	22
FIG. III PERCENTAGE DISTRIBUTION OF VALUE ADDED BY MAIN CONSTRUCTION ACTIVITIES - 1998/99 (1991 E.F.Y.)	23
FIG. IV RATIO OF IMPORTED TO TOTAL RAW MATERIALS COST BY MAIN CONSTRUCTION ACTIVITIES 1998/99 (1991 E.F.Y.)	24
FIG. V RATIO OF VALUE ADDED TO GROSS VALUE OF CONSTRUCTION OUTPUT BY MAIN CONSTRUCTION ACTIVITY - 1998/99 (1991 E.F.Y.)	25

ABBREVIATIONS

- C.S.A. - CENTRAL STATISTICAL AUTHORITY
- E.F.Y. - ETHIOPIAN FISCAL YEAR
- G.C. - GREGORIAN CALENDAR
- S.N.N.P. - SOUTHERN NATIONS, NATIONALITIES AND PEOPLES' REGION

PART I

INTRODUCTION AND OBJECTIVES OF THE SURVEY

1. Introduction

Construction activity may be defined generally as economic activity directed to the creation, renovation, repair or extension of fixed assets in the form of buildings, land improvements of engineering nature, and other such engineering constructions as roads, bridges, dams etc.. More specifically, construction activity is an activity engaged in constructing, altering, repairing and demolition of buildings, highways and streets, bridges, sewers, water, electricity mains, airport and parking areas, dams, drainage, irrigation, flood control and water power projects and hydroelectric plants, pipelines, water wells, communication systems such as telephone and telegraph lines and related activities. An activity primarily engaged in performing mining services such as preparing and constructing mining sites and drilling crude oil and natural gas wells are also classified in this group.

The assembly and installation of the site of prefabricated integral parts into bridges, water tanks, storage and warehouses facilities, lift, ventilating and air conditioning, lighting and electric wiring, etc. system of buildings and all kinds of structure is a construction activity.

It is also important further to distinguish construction activity, as it may be carried out by any enterprise regardless of its industrial classification, and the "construction industry proper". The latter classification restricts the scope to enterprises mainly performing contract construction.

This is the annual official publication of statistics on construction enterprises, for the year 1998/99 (1991 E.F.Y.), which were obtained from the annual sample survey of "construction industry proper," conducted by the Central Statistical Authority (CSA). The results of the survey did not strictly follow the International Standard Industrial Classification System - Revision-3 (ISIC-Revision-3), because of the fact that the only possible statistical and reporting unit for this survey was at the enterprise level. Thus, it was not possible for us to break down the data collected at an enterprise level, to a single 3-digit ISIC system (i.e., as Site preparation, Building of complete construction, Building installation, Building completion and Rent of construction or Demolition equipment with operator), as suggested by the "International Recommendations for Construction Statistics."

In other words, the major cause for this problem was that, the data gathered were not from those statistical and reporting units engaged in one kind of economic activity such as “kinds of activity units”, the “establishment” or other sources as suggested by the international recommendations. The only source of information in our case was the enterprise, where fully articulated business register covering all construction industry proper were available. So the compilation of the collected data were organized in accordance with the main construction activity of the enterprises covered by the survey, i.e., as General Contractors, Building Contractors, Road Contractors and Specialized Contractors (the definition for these terms are given in the concept and definitions of this publication).

Furthermore, the data collected in this survey gives priority to the economic data that can easily be supplied by the enterprises and which mainly contributes to the system of national accounts. Thus, the compilation of the survey is based only on the value of inputs and outputs rather than physical classification and quantities.

This publication presents the objectives, scope and coverage, methods of data collection of the survey and structure and performance at the national level and value of construction works by type in each region for construction industries under the scope of the survey.

2. Objectives of the Survey

It can be estimated that construction activity generally contributes much to the country's total activity, at least with the corresponding demand for materials, labour inputs and backward and forward linkage effects in the economy. Construction activity is sensitive to movements in the general level of business activity, the movements in construction tending to both **amplify** and to lead the movements in the economy as a whole. The swings in the levels of **construction** activity correspond to, indeed are direct reflections of, shifts from consumption to savings (capital formation) and vice versa in the economy as a whole. It is for this reason, any **available** construction statistics and indicators tend to be closely watched by economic administrators and planners. Furthermore, statistics on the construction activity also contributes to the System of National Accounts (SNA) in the same way that statistics for other economic sectors do.

Thus, though, this publication deals, as explained in the scope and coverage with only one component of construction activity (construction industry proper), it is intended to meet at least partially the demands of economic administrators (policy makers), planners and researchers.

PART II

SURVEY METHODOLOGY, DATA COLLECTION AND PROCESSING

1. Scope and Coverage

Construction activity may be carried out not only by enterprises classified in the “construction industry proper” (or simply the construction industry), but also a significant amount of construction activities in countries like Ethiopia are carried out by enterprises not classified to this sector. Such activity, incidental to the main activity of the enterprise will usually be predominantly own account construction, either for the enterprise itself or for its parent organization. Finally, a significant amount of construction in Ethiopia is expected to be own-account construction by households.

Thus, in organizational terms construction activity may be seen as being comprised of five components.

(1) **Construction Industry Proper**:- construction units whose main activity is contract construction including unregistered units and self employed individuals carrying out construction for others.

(2) **Non-construction Units**:- carrying out construction but for which such contract construction is not the main activity.

(3) Construction units whose main activity is **Own Account Construction** for their parent non-construction enterprise. Some of the examples, that can be included here are:- rural road construction, and irrigation works under the Ministry of Agriculture, construction works under ministries like Education, Mining, Health, Water Development and/or corresponding Bureaux in the Regions and construction of net work systems in organizations such as Ethiopian Electric Light Corporation and Telecommunication, etc..

(4) Non-construction enterprises carrying out **Some Own Account Construction** incidental to the main activity - this component includes Government Ministries and Agencies engaged in public new construction work and capital repair and maintenance work for their small buildings, internal asphalt works and garages, etc.. without contractor.

(5) Own account construction by Individuals/Households/Co-operatives - individuals or co-operatives may construct and/or make capital repair and maintenance works without contractor by themselves.

As mentioned in the introduction of this report, since the current survey is based on registered enterprises, obviously, the scope for this survey is enterprises classified under construction industry proper, excluding unregistered units and self employed individuals carrying out construction for others.

As a result, the data collection of this census of contract construction activities covers as a frame only those enterprises registered or licensed by Trade and Industry Bureaux of all the Regions of the country. Construction enterprises no matter where their head office is located usually operate throughout the regions of the country; and so the census covers all regions of the country.

The total list of enterprises obtained from the above sources were 1887 enterprises out of which eight of them were publicly owned. However, for various reasons only 472 private and public enterprises were found to be operational and covered in the 1991 E.F.Y. contract construction activities census. The rest of 1415 list of private enterprises were not included in the census due to the following reasons:

- a. 500 enterprises were reported not totally operational because of being unable to get projects in the reference period.
- b. 743 enterprises couldn't be traced by their address given, due to various reasons mainly by changing their address (some of them reported had gone abroad specially to Eritrea) and others didn't start operation, though, they had licenses on contract construction in the reference period.
- c. 82 enterprises officially returned their licenses during the reference period.
- d. 22 enterprises were not found to be construction contractors according to the definition given in this section of the report.
- e. 64 enterprises were very small in size and unwilling to give data.
- f. The data for four foreign owned contractors were found inconsistent, incomplete and unreliable and thus excluded from this report.

2. Basic Concepts and Definitions

- (i) **An Enterprise:-** is an institutional unit or smallest combination of institutional units that encloses and directly or indirectly controls all necessary functions to carry out its productive activities.
- (ii) **General Contractor:-** is an enterprise engaged in carrying out, or organize and partly carry out, or repair buildings and other civil engineering construction activities. By the latter term we mean to include construction activities such as roads, bridges, airfields, dams, pipelines and other similar activities.
- (iii) **Building Contractor:-** includes units whose main activity is to carry out, or organize and partly carry out or repair building projects.
- (iv) **Road Contract:-** is an enterprise engaged in constructing, maintaining and repairing roads, bridges and other similar activities.
- (v) **Specialized Contractors:-** are engaged in only part of the work of the construction project; which includes plumbing, brick-laying, stone setting, carpentry, plastering, painting and decorating, air condition installation, tile setting, electric and water pipe installations, etc..
- (vi) **Paid-up Capital:-** is that part of the issued capital of an enterprise that has been paid by the shareholders.
- (vii) **Working Proprietors, Active Partners and Family Workers:-** include all unpaid working proprietors, active partners and members of their household who actively participate in the operation of the enterprise.
- (viii) **Operatives:-** are those employees who are directly engaged in building and construction work and related activities. (Example - carpenters, bricklayers, painters, electricians, plumbers, plasters, welders and concrete workers, etc..).

- (ix) **Other Employees:-** all employees other than operatives are included here, such as, salaried managers, directors, technicians, superintendents, research workers, draftsmen and designers, engineers, architects, accountants, bookkeepers, cashiers, typists, clerks, guards, administrative supervisors and other office staff.
- (x) **Average Persons Engaged:-** includes all persons engaged in building and construction unit, including working proprietors and active business partners, unpaid family workers, active members of construction co-operatives and employees, whether on site or off site. Included are also persons on leave with pay such as sick leave or paid vacation. However, it excludes directors of incorporated enterprises who are paid only for their attendance at board of directors meeting.
- (xi) **Total Number of Persons Engaged During a Single (Peak) Period:-** is defined as the total number of persons who work in or for each establishment under the enterprise, whether full-time or part-time, such as working proprietors, unpaid family members as well as paid employees outside the physical location(s) of each establishment provided they are paid by and under the control of the enterprise. Here a single (peak period) refers to that of the last week of the pay period.
- (xii) **Gross Wages and Salaries:-** includes basic wages and salaries and overtime payments in cash or in kind made to employees during the reference year in connection with work done for the enterprises. It also includes wages and salaries paid during vacations, holidays, sick leave, taxes, social insurance contribution and the like payable by the employees and deducted by the employer.
- (xiii) **Other Employee Benefits:-** includes bonus, cost of living allowances (excluding car allowance and per diem) and cost of goods and services furnished to the employee free of charge or at reduced cost (the cost refers here to the net cost to the employer).

- (xiv) **Supplements to Wages and Salaries of Employees:-** represents payments made by the employer on behalf of his employees. Included here are employer's contribution to pension, insurance premiums, etc.
- (xv) **New Construction:-** refer to site preparation for, and construction of, entirely new structures and/or significant extensions to existing structures whether or not the site was previously occupied.
- (xvi) **Revenue From New Construction:-** this includes all construction work done during the reference year, i.e., part or all of the works for both completed and on progress projects under the enterprises during the reference year. All the value of the construction work of the project will be taken as construction work during the reference year, if and only if, the project is a new contract and completed during the same year. Otherwise, in all other cases (such as works outstanding at the first day of the year and still on progress; works outstanding at the first day of the year and completed during the reference period and new contracts during the reference period and on progress) only that part of the value of the project performed during the reference year will be considered as construction output of this year.
- (xvii) **Receipts From Repair and Maintenance:-** include income from both capital and current repair and maintenance.
- (xviii) **Capital Repairs Including Restorations and Conversions:-** is the value including, in principle, all construction work performed for others and intended to extend the normal economic life or to increase the productivity of existing structures.
- (xix) **Current Repair and Maintenance:-** includes all construction work performed for others and not classified as capital repairs, restorations, or conversions, i.e., in order to prevent the normal deterioration of existing structures or to maintain them in a normal functional state.

- (xx) **Gross Value of Construction Output:-** comprises revenue from new construction output including extensions, receipts from capital and current repair and maintenance and other receipts and service income.
- (xxi) **Other Receipts and Service Income:-** includes income from renting construction or demolition equipment, goods sold in the same condition as received, professional services, interest, subsidies and other related receipts.
- (xxii) **Building:-** a building is an independent structure comprising one or more rooms or other spaces, covered by a roof, enclosed with external walls or dividing walls which extend from the foundation to the roof and intended for residential and non-residential purposes as explained below.
- (xxiii) **Residential Buildings:-** buildings are considered as residential when the major part of the building (i.e., more than half of its floor area) is intended for dwelling purposes.
- (xxiv) **Non-Residential Buildings:-** all buildings not classified as residential.
- (xxv) **Commercial Buildings:-** office buildings and all buildings which are intended for use primarily in whole sale, retail and service trading. (i.e., Hotels, Restaurants, Shops, Warehouses and Public Garages, etc..).
- (xxvi) **Industrial Buildings:-** all buildings which are used to house the production assembly and warehousing activities of industrial establishments, (i.e., factories, plants, workshops, etc.).
- (xxvii) **Educational Buildings:-** all buildings which are intended for use directly in the instructional activities, furnishing academic and technical courses, (i.e., schools, universities, museums, art galleries, libraries, etc..).
- (xxviii) **Health Buildings:-** all buildings which are primarily engaged in providing hospital and institutional care (i.e., hospitals, infirmaries, clinics, etc..).

- (xxix) **Other Construction Works:-** comprising all construction works not predominantly the erection of buildings. The construction work in this part includes Roads, Bridges, Airfields, Dams, Pipelines and others.
- (xxx) **Value of Work Done as Sub-Contractor:-** includes the amounts, which the enterprise has been paid or expected to be paid by main contractors during the reference period.
- (xxxii) **Value of Work Done by Sub-Contractor:-** includes all progress and final payments made to sub-contractors and allowance for profit margins; received or receivable from the owner/investor of the project.
- (xxxiii) **Cost of Raw Materials Consumed:-** included here are all raw materials, components, prefabricated elements etc.. that are physically incorporated in the construction work, such as cement, gravel, structural steel, windows, doors, etc.. The value of local raw material is the value of locally produced and used raw materials, which includes purchase price, transport charges, taxes paid and other incidental costs. The value of imported raw material is the value of raw materials produced in other countries and obtained directly or from local source and is the cost that includes the purchase price, transport charges, taxes and other incidental costs.
- (xxxiv) **Payments to Sub-Contractors:-** includes advances, progress and final payments made to sub-contractors during the reporting period, for construction work on which the establishments under the enterprises are main contractors.
- (xxxv) **Cost of Energy Consumed:-** is the value of fuel oil, diesel fuel oil, lubricating oil, coal, charcoal, wood, and other types of fuel and electricity consumed during the reference period. It excludes the fuel consumed for transport purposes.
- (xxxvi) **Payments for Construction Related Services Rendered:-** included here are cost of repair and maintenance for the enterprise's machinery and equipment, cost of hiring buildings, machinery and equipment, cost of goods sold in the same condition as received and cost of other services rendered by others.

- (xxxvi) **Total Expenses Directly Related to Construction:-** includes the cost of raw materials and other components consumed, payments to sub-contractors, cost of energy consumed and payments for construction related services rendered.
- (xxxvii) **Transport Cost:-** includes all payments for hired transport as well as value of fuel, used for transport purposes by own vehicles.
- (xxxviii) **Payments for Non-Construction Services Rendered:-** includes payments like professional services, license fee, stationery, postal services, telephone, insurance premium and other non-construction costs.
- (xxxix) **Total Construction Related and Non-Construction Costs:-** is the sum of total expenses directly related to construction, transport cost and payments for non-construction services rendered.
- (xl) **Census Value Added (At Market Price):-** is the difference between gross value of construction output and total expenses directly related to construction. Census value added at market price minus indirect taxes net (i.e., indirect taxes less subsidies) gives census value added at factor cost.
- (xli) **Value Added in the National Account Concept (At Market Price):-** is defined as the difference between the gross value of construction output and total expenses directly related to construction and total non-construction expenses. To get the same indicator at factor cost indirect taxes net (i.e., indirect taxes less subsidies) are subtracted.
- (xlii) **Fixed Assets:-** are all acquisitions by the enterprise for its construction activities, whether obtained from others or produced by the enterprise of physical assets which are expected to have a productive life of more than a year, such as buildings, machinery, equipment and vehicles. They are valued in this report at book-value end of the reference year, that is the net book-value at the beginning plus new capital expenditure minus those sold and disposed and depreciation during the reference year.

- (xliii) **New Capital Expenditure:-** is the cost of new or used capital equipment bought and cost of capital repair and maintenance during the reference period.
- (xliv) **Public Sector:-** is an enterprise owned and controlled by the state, i.e., those which were fully as well as partially owned by the Government.
- (xlv) **Private Sector:-** includes enterprises such as individual ownership, partnership, private limited company, share company, co-operatives and others.

3. **Training of Field Staff**

As mentioned above, this census of construction activities was based on the contract construction activities licensed by all Trade and Industry Bureaux of the country and accordingly enumerators and field editors (supervisors) were appointed from the existing CSA field staff and the head office. The training of all field staff including branch statistical office heads and statisticians from the head office was carried out at the head office.

A thorough training was given for the appointed staff for seven days which consisted of class room discussions, filling in mock questionnaires for practice using financial statements of selected enterprises by the trainees. Also, the filled in questionnaires by the trainees were checked and corrections were made. Hence, omissions and incorrect responses were pointed out to the trainees, so that these should not be repeated in the actual field work.

4. **Methods of Data Collection and Field Organization**

Before starting the data collection activity for the census an attempt was made to include all enterprises under the scope of the survey in the frame (list of enterprises) by using lists obtained from all Regions. Thus, all enterprises were covered by the census in which all CSA statistical branch offices were involved in undertaking the census activity. Accordingly, 22 statistical branch office heads and their assistances, overall about 112 enumerators (64 from Region 14 and 48 from the remaining branch offices) were involved in the data collection activity.

In Region 14 where the majority of the enterprises under the scope of the census are located, the field staff were organized into teams for the data collection activities. Each team consisted of four enumerators and a field editor (a supervisor). All trained enumerators and field editors were deployed to all enterprises of the country to collect the data in collaboration with concerned personnel of each enterprise. The data collection activities were completed within 30 working days in most of the regions of the country. Finally, it is important to note some of the problems associated with the data collection activities i.e., most of the construction enterprises go in and out of business, change their address quite frequently and operate in premises, particularly dwellings not readily identifiable as business offices of the construction enterprises. Therefore, it was very difficult for the enumerators to trace specially small enterprises in their addresses as registered by the Trade and Industry Bureaux of the Regions.

5. Data Processing

a. Editing, Coding and Verification

A number of quality control steps were taken to ensure the quality of data of this survey. The first step taken in this direction was to prepare questionnaires both in Amharic and English, which were precise, conceptually clear and easy for internal consistency checking or editing both at field and office level. Furthermore, based on the final version of the questionnaire instruction manuals and editing procedures were prepared in both languages for enumerators, field and office editors.

After the majority of the completed questionnaires were brought back to head office a final editing, coding and verification were performed. The coding and the manual editing and verification activity was performed by six statisticians and statistical technicians and ten editors. Finally, the edited and coded questionnaires were re-checked and verified by five other senior statisticians.

b. **Data Entry, Cleaning and Processing**

The data was entered and verified in personal computers using IMPS (Integrated Microcomputer Processing System) Software. Fifteen data entry operators were utilized for this purpose for a period of one week with close supervision of the activities by two professionals. The entered data was then checked and cleaned using the edit specification prepared earlier for this purpose. Finally, the tabulation was done using the same software by one programmer with technical assistance given by the staff of the Industry, Construction and Mining Statistics to produce results indicated in the tabulation plan.

PART III

*REVIEW OF SELECTED SURVEY
RESULTS*

PART III

REVIEW OF SELECTED SURVEY RESULTS

Number of enterprises and paid-up capital, number of enterprises by date of ownership and number of enterprises by applied capital are given in Tables C-1, C-2 and C-3, respectively. These Tables make it clear that young enterprises (less than one year old) and building contractors took the highest share in the majority of total enterprises. However, in terms of paid-up capital, though the old contractors are small in number, their contribution was significantly higher than the other main construction activities. It is also evident from the same Tables that from the total active construction construction enterprises there were 264 (27 percent) out of which 207 (78 percent) were individually owned. Also in the fact that the most of the small enterprises used construction with a paid-up capital of 20 million and above.

PART III

REVIEW OF SELECTED SURVEY RESULTS

The data in Table C-5 depicts the firm status operations of private firms by contract construction enterprises at the survey period. As indicated, the first overall problem for private enterprises was being unable to get construction projects followed by shortage of new materials and shortage of capital, which were reported by about 28, 13 and 14 percent, respectively. On the other hand, the public enterprises shortage of supply of spare parts and unable to get projects (each with 25 percent) followed by shortage of capital and unable to increase the market (each with 13 percent) were the major difficulties faced during the reference period.

Table C-6 (C-7) gives a detailed information about persons engaged, total wages and salaries in the contract construction activities by main construction sub-branches or material group. It shows that there were 60,265 people engaged out of which 60,000 employees in contract construction activities in 1991 A.F.Y. Its peak time of the year is in the peak period the number of persons engaged in contract construction activities reached 88,092 (see Table C-6). As can be seen from Table C-6, the construction activities had the highest in terms of number of persons engaged in the survey period.

PART III

REVIEW OF SELECTED SURVEY RESULTS

Number of enterprises and paid-up capital, number of enterprises by form of ownership and number of enterprises by size of capital are presented in Tables C-1, C-2 and C-3, respectively. These Tables makes clear that among main contract construction activities the building contractors took the highest share in the number of total enterprises. However, in terms of paid-up capital, though, the road contractors are small in number, their contribution were significantly higher than the other main construction activities. It is also evident from the same Tables that, from the total active contract construction enterprises during the reference period the number of private contractors were 464 (98 percent) out of which 391 were individually owned. Due to the fact that six out of the total eight publicly owned enterprises were with a paid-up capital of 20 million and above, though, their contribution in terms of number of enterprises were only about two percent, their share in paid-up capital were found highly significant (77 percent). In most of the cases, number of private enterprises were higher for small size of capital and lower for large sizes and the vice-versa was true for the publicly owned enterprises.

The data in Table C-5 depict the first major operational problem faced by contract construction enterprises at the survey period. As indicated, the first current problem for private enterprises were being unable to get construction projects followed by shortage of supply of raw materials and shortage of capital which were reported by about 24, 15 and 10 percent, respectively. On the other hand, for public enterprises shortage of supply of spare parts and unable to get projects (each with 25 percent) followed by shortage of capital and unable to compete the market (each with 13 percent) were the major difficulties faced during the reference period.

Tables C6 - C11 gives a detailed information about persons engaged and wages and salaries in the contract construction activities by main construction activities and occupational group. It shows that there were 60,865 people engaged out of which 60,560 employees in contract construction activities in 1991 E.F.Y. In some time of the year i.e. in the peak period the number of persons engaged in contract construction activities reached 88,092 (see Table C-6). As indicated in the same Table the private contractors lead the activity in terms of number of persons engaged (67 percent), though, their paid-

up capital is significantly small as compared to that of publicly owned contract construction activities in 1991 E.F.Y. In terms of occupational group the operatives occupational group took 86 percent share from the total number of persons engaged in the same year (see Table C-7).

Number of private enterprises are higher for small size of persons engaged and lower for large sizes. However, number of persons engaged are lower for lower size and higher for higher size of persons engaged (see Table C-10).

As Table C-11 shows 447 enterprises from the total 472 enterprises were with a capital under 5 million Birr and these enterprises had 22,951 number of persons engaged from the total 60,865 in 1991 E.F.Y.

Tables C-12 to C-15 shows demands on and output of contractors by main construction activity and construction work done. As indicated in Table 12 the total output of contract construction work for both public and private contractors were about 1.7 billion Birr during the reference period. The total new contracts during the same period was about 598 million Birr. The share of public contractors in the total work done and new contracts taken on during the year were about 18 and 27 percent, respectively.

In respect to that of type of construction work done for the total public and private contractors in terms of both work done during the year and new contracts taken on residential buildings took relatively higher share than other types of construction work done. However, in the publicly owned contract construction activities for both work done during the year and new contracts taken on other construction work done more particularly that of roads took by far the highest share.

The data given in Tables C-16 to C-22 present gross value of production and value added of the contract construction activities by main construction activity. The private contractors took the biggest share both in gross value of production and value added, though, publicly owned construction activities as indicated earlier had significantly higher proportion in paid-up capital.

Regarding the distribution by main construction activities, the general contractors in privately and the road contractors in publicly owned contract construction activities contributed highly significant amount of gross value of construction output and value added as compared to that of other main construction activities (see Table C-16 and C-17).

The gross value of construction output and value added of the total private and public contract construction activities by size of persons engaged and capital indicated that, the contribution of enterprises increased as their size increase both in terms of size of persons engaged and size of capital, though, the number of enterprises are too small in higher intervals (see Table C-19 to C-22).

Value of new construction including extension and capital repair and maintenance by type of construction work done is shown in Tables C-24 to C-26. The results in these Tables indicated that in the total public and private contract construction activities the highest proportion of construction work was performed in the area of non-residential buildings (45 percent) out of which commercial buildings took the leading share followed by educational buildings. However, if one examines the type of construction work done separately for private and public contract construction activities, in the publicly owned construction activities other construction work done took by far the highest share i.e. more than 82 percent, out of which roads had about 58 percent contribution in the reference period.

Tables C-29 to C-34 shades light on fixed assets and investment structure of contract construction activities. In respect of ownership the publicly owned contractors had 4 billion Birr from the total 4.9 billion Birr fixed assets which was about 88 percent.

The big share of new capital expenditure (investment) in fixed assets in 1991 E.F.Y. was made by road contractors as compared to that of other main contract construction activities. In terms of ownership distribution the higher proportion of investment in fixed assets was made by public contractors as compared to that of private construction activities (see Table C-30).

As the results in Tables C-32 to C-34 indicated the share in fixed assets and new capital expenditure increased as their size increased in terms of size of persons engaged.

Value of new construction including extension and capital repair and maintenance by type of construction work done and its regional distribution is treated in Tables 35 to 37. Regarding the regional distribution of the total public and private contract construction Addis Ababa, Oromiya, Tigray and S.N.N.P. are the leading four regions contributing each more than 10 percent from the total, with 523.0, 387.0, 215.1 and 209.9 million Birr contract construction work done, respectively in 1991 E.F.Y.

Indicators of construction activity by type of ownership i.e. in terms of percentage distribution of persons engaged and value added by main construction activity is summarized in Table C-38. As this Table makes clear the share of private general

contractors in terms of number of persons engaged and value added out of main construction activities were 61.46 and 79.29 percent, while that of the public road contract construction activities took 60.53 and public general contractors 69.48 percent.

Various analytical ratios on contract construction activities is presented in Table C-39. This Table makes clear that, on average i.e., for all main contract construction activities, annual gross construction output and value added per operatives were Birr 33,338 and 8,612, respectively in 1991 E.F.Y. For gross construction output per operatives, the intra-major construction activities distribution ranged from Birr 15,200 in road contractors to Birr 75,637 in specialized contractors. In value added per operatives the lowest value was found to be Birr 3,090 in road contractors and the highest Birr 22,311 in specialized contractors.

The result for those construction enterprises reporting their raw material consumed classified by local and imported indicated that on average i.e. for both publicly and privately owned enterprises the ratio of imported to total raw materials was 21 percent. However, the ratio was significantly higher for road and specialized contract construction activities compared to that of the total average, which were 60 and 72 percent, respectively (for details see Table C-39).

The ratio of energy consumed to total direct construction expenses on average for both private and public contract construction activities was less than 10 percent in 1991 E.F.Y. as given in Table C-39. The same Table indicated that, the over all average ratio of value added to gross value of construction output was 26 percent for contract construction activities.

Fig I GROSS VALUE OF CONSTRUCTION OUTPUT BY OWNERSHIP

1998/99(1991 E.F.Y)

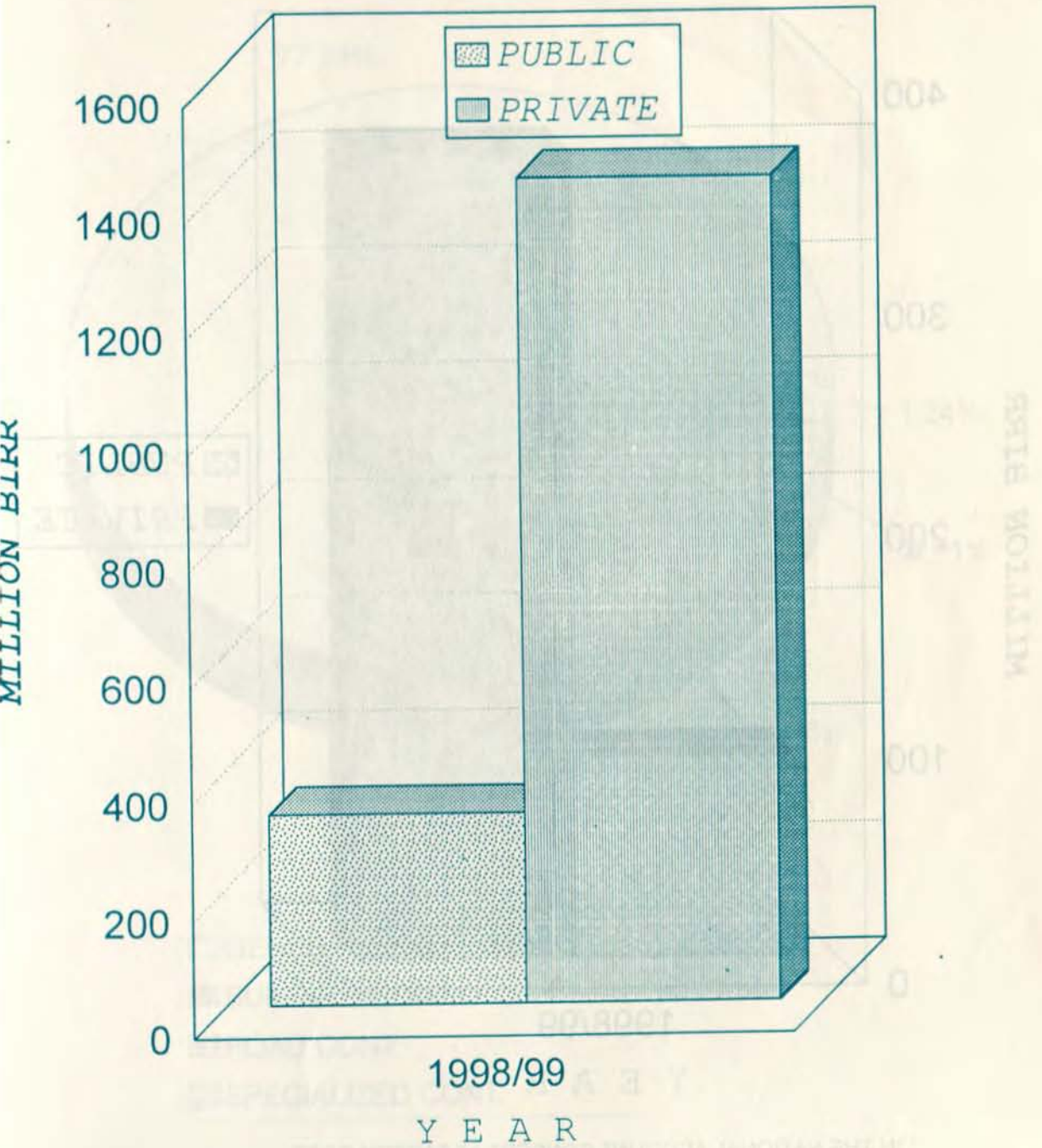
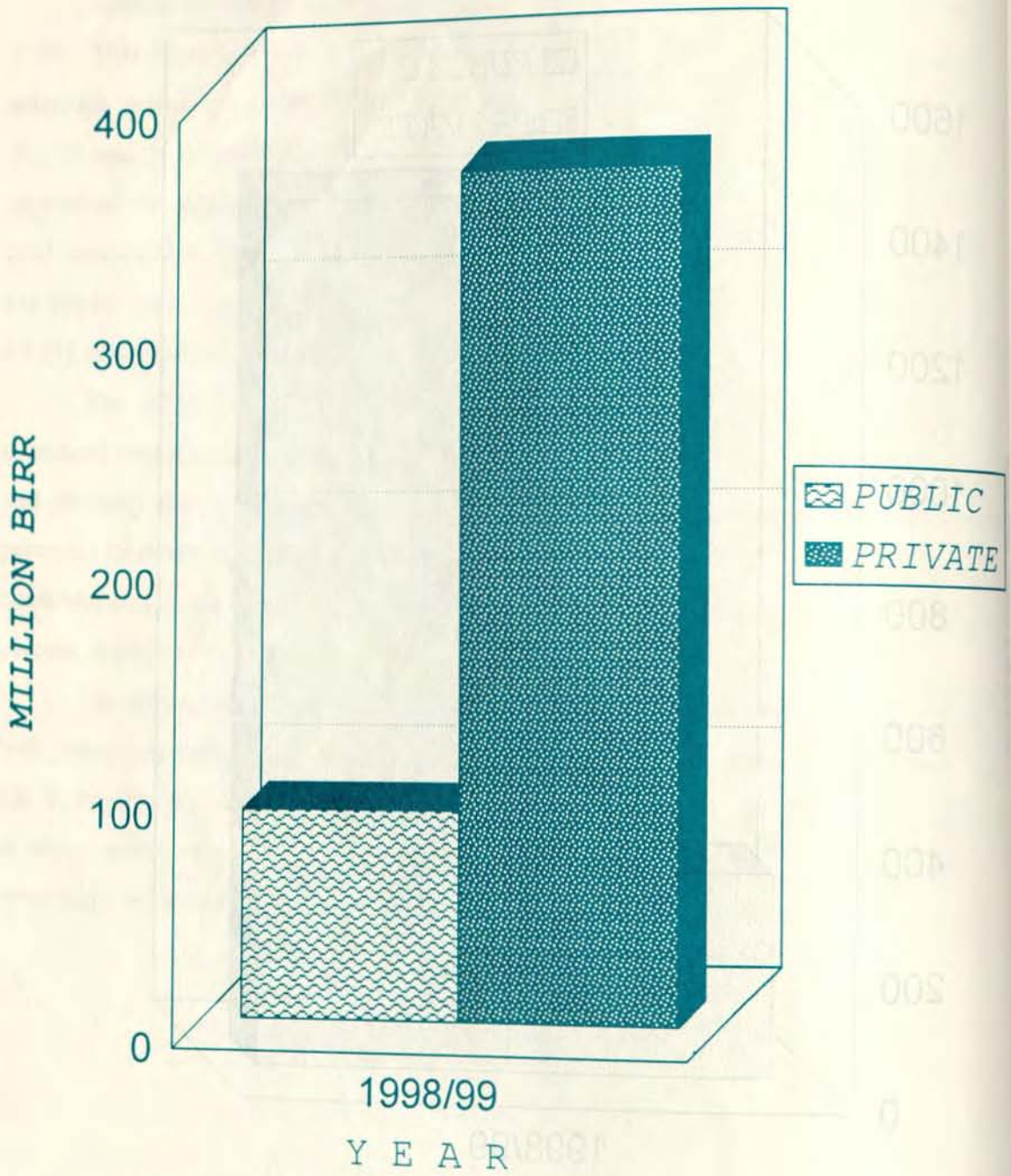


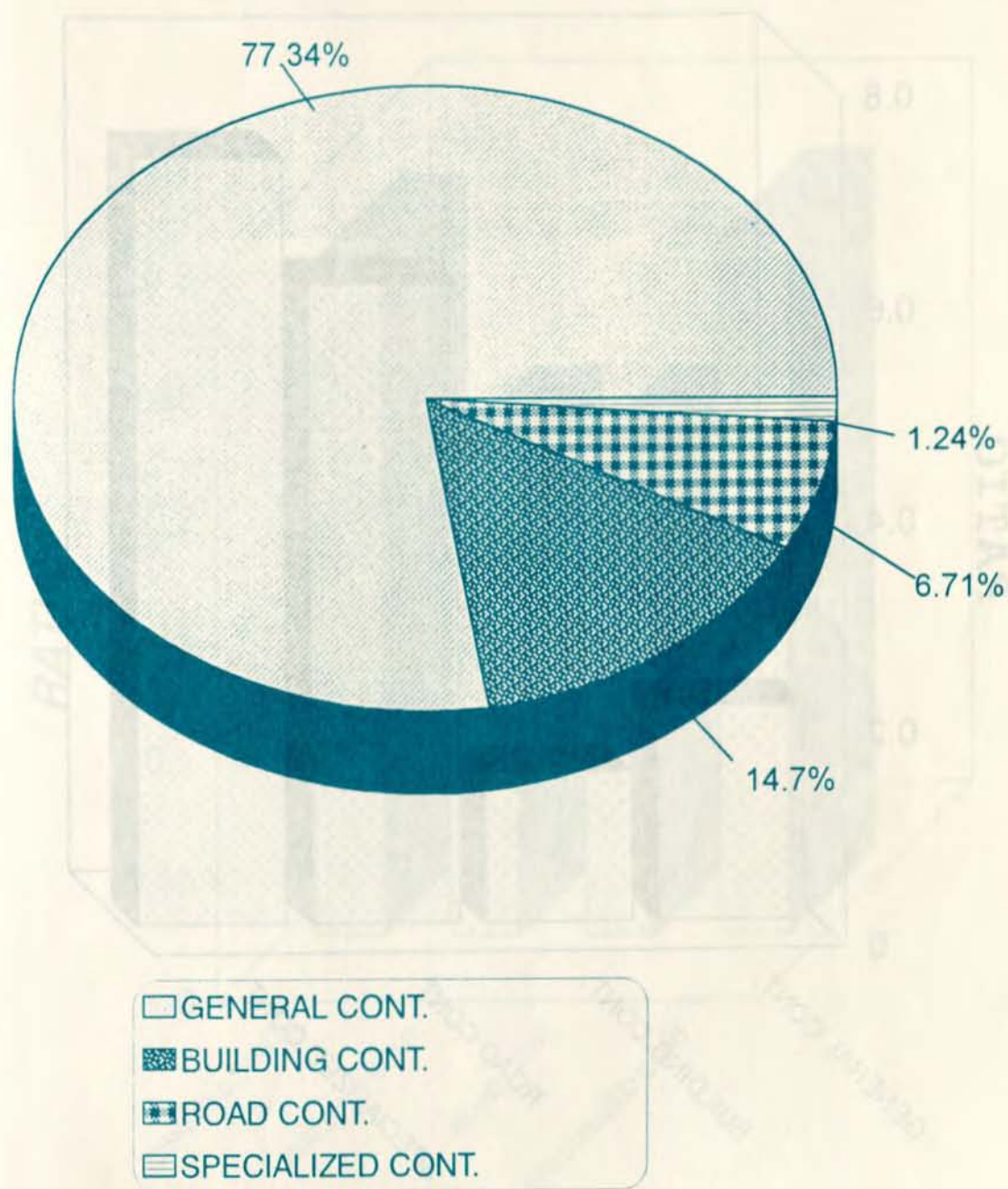
Fig II VALUE ADDED* BY OWNERSHIP
1998/99(1991 E.F.Y)



* IN THE NATIONAL ACCOUNT CONCEPT AT FACTOR COST

Fig III PERCENTAGE DISTRIBUTION OF VALUE ADDED* BY MAIN CONSTRUCTION ACTIVITIES - PUBLIC AND PRIVATE

1998/99(1991 E.F.Y)



* IN NATIONAL ACCOUNT CONCEPT AT FACTOR COST

FIG IV RATIO OF IMPORTED TO TOTAL RAW MATERIALS COST BY MAIN CONSTRUCTION ACTIVITIES - PUBLIC AND PRIVATE

1998/99 (1991 E.F.Y)

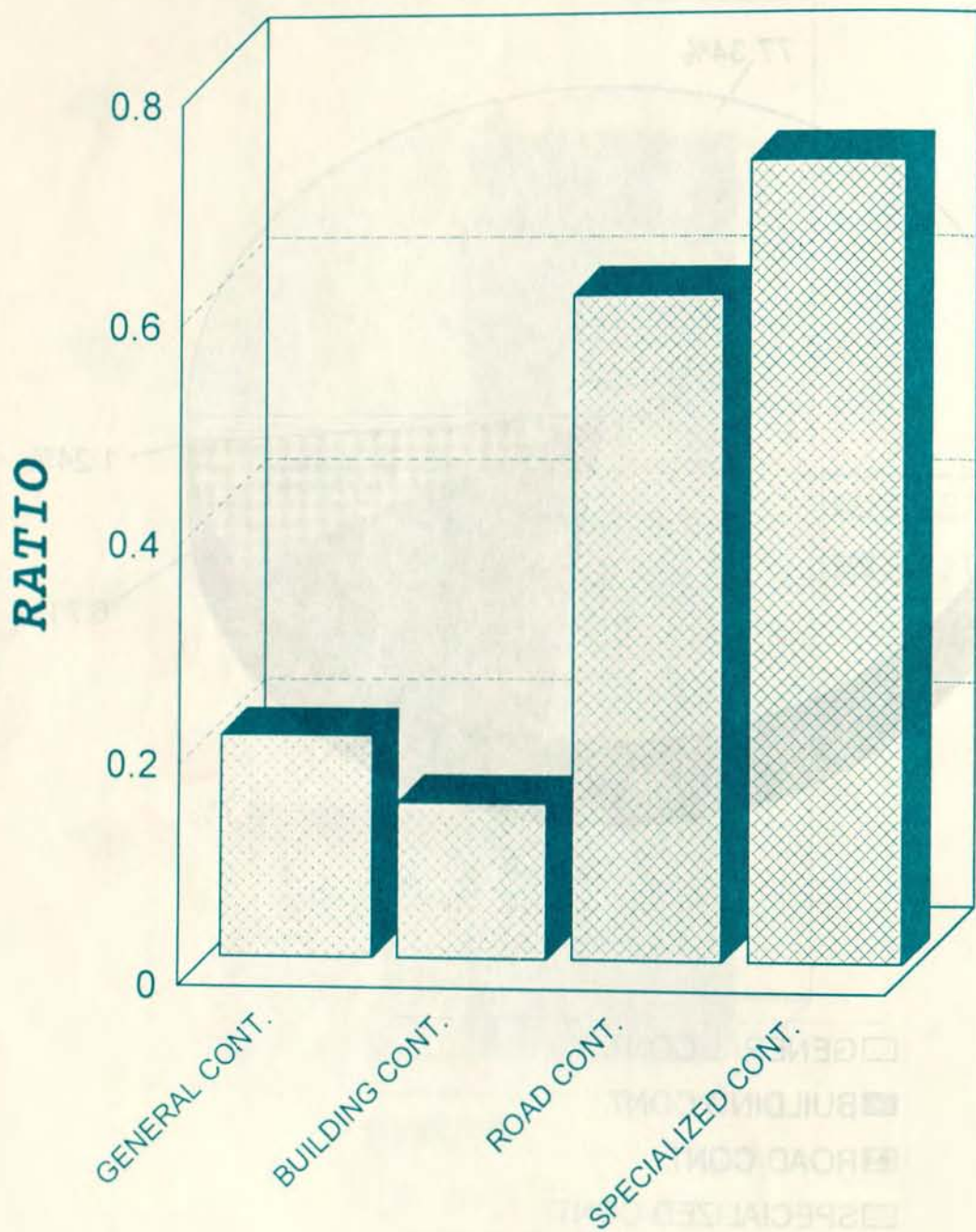
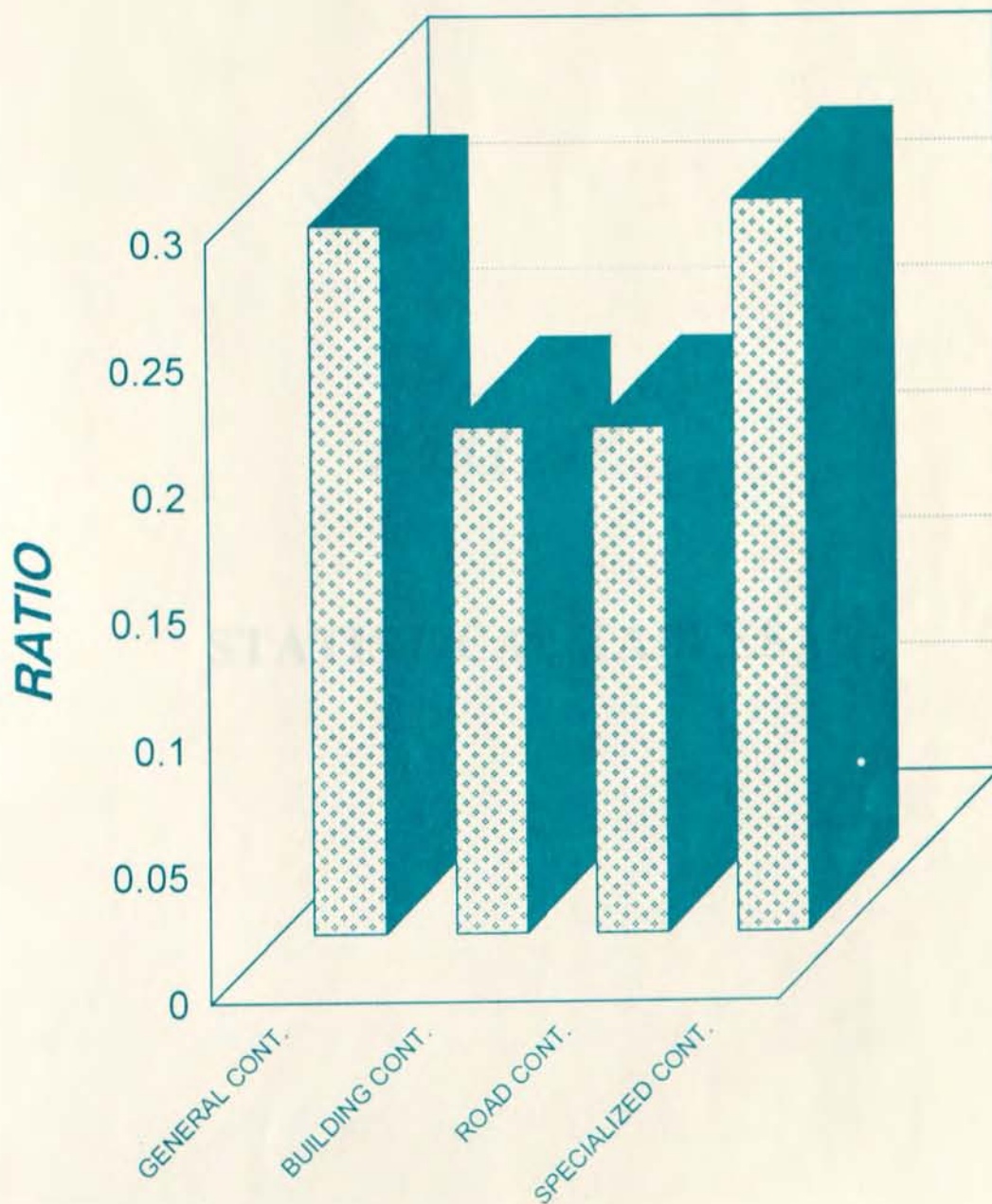


FIG V RATIO OF VALUE ADDED* TO GROSS VALUE OF CONSTRUCTION OUTPUT BY MAIN CONSTRUCTION ACTIVITIES - PUBLIC AND PRIVATE

1998/99 (1991 E . F. Y.)



* IN NATIONAL ACCOUNT CONCEPT AT FACTOR COST

TABLE C-1: PAID-UP CAPITAL OF REPORTING ENTERPRISES BY SOURCE OF OWNERSHIP AND MAIN CONSTRUCTION ACTIVITY
1998/1999(1991 E.F.Y)

MAIN CONSTRUCTION ACTIVITY	NO. OF ENTERPRISES			PAID-UP CAPITAL(IN '000 BIRR)					
	PUBLIC	PRIVATE	TOTAL	PUBLIC	PRIVATE				TOTAL
					MALE	FEMALE	FOREIGNERS	OTHERS*	
GENERAL CONTRACTORS	6	132	138	368,231	191,893	52,364	86,439	35,000	733,928
BUILDING CONTRACTORS	1	317	318	4,315	93,157	2,584	1,465,985	-	1,566,040
ROAD CONTRACTORS	1	4	5	6,033,072	35,254	-	-	-	6,068,326
SPECIALIZED CONTRACTORS	-	11	11	-	4,105	41	193	32	4,371
TOTAL	8	464	472	6,405,618	324,409	54,989	1,552,617	35,032	8,372,665

* OTHERS INCLUDE OWNERS OF PRIVATE ENTERPRISES NOT CLASSIFIED BY SEX & NATIONALITY.

29

TABLE C-2: NUMBER OF ENTERPRISES BY FORM OF OWNERSHIP AND MAIN CONSTRUCTION ACTIVITY
1998/1999(1991 E.F.Y)

MAIN CONSTRUCTION ACTIVITY	FORM OF OWNERSHIP						
	PUBLIC	INDIVIDUAL OWNERSHIP	PARTNER-SHIP	SHARE COMPANY	PRIVATE LIMITED CO.	OTHERS	TOTAL
GENERAL CONTRACTORS	6	95	5	2	30	-	138
BUILDING CONTRACTORS	1	284	9	1	23	-	318
ROAD CONTRACTORS	1	4	-	-	-	-	5
SPECIALIZED CONTRACTORS	-	8	-	1	2	-	11
TOTAL	8	391	14	4	55	-	472

TABLE C-3: NUMBER OF REPORTING ENTERPRISES BY SIZE OF PAID-UP CAPITAL, OWNERSHIP AND MAIN CONSTRUCTION ACTIVITY
1998/1999(1991 E.F.Y)

MAIN CONSTRUCTION ACTIVITY	PAID-UP CAPITAL IN BIRR										TOTAL
	UP TO 100,000	100,001-250,000	250,001-500,000	500,001-1,000,000	1,000,001-2,500,000	2,500,001-5,000,000	5,000,001-10,000,000	10,000,001-15,000,000	15,000,001-20,000,000	OVER 20,000,000	
PUBLIC AND PRIVATE	256	70	58	30	27	8	6	2	1	14	472
GENERAL CONTRACTORS	57	19	19	11	9	5	4	2	1	11	138
BUILDING CONTRACTORS	190	49	38	19	16	3	2	-	-	1	318
ROAD CONTRACTORS	2	1	-	-	-	-	-	-	-	2	5
SPECIALIZED CONTRACTORS	7	1	1	-	2	-	-	-	-	-	11
PUBLIC	-	-	-	-	-	1	-	1	-	6	8
GENERAL CONTRACTORS	-	-	-	-	-	-	-	1	-	5	6
BUILDING CONTRACTORS	-	-	-	-	-	1	-	-	-	-	1
ROAD CONTRACTORS	-	-	-	-	-	-	-	-	-	1	1
SPECIALIZED CONTRACTORS	-	-	-	-	-	-	-	-	-	-	-
PRIVATE	256	70	58	30	27	7	6	1	1	8	464
GENERAL CONTRACTORS	57	19	19	11	9	5	4	1	1	6	132
BUILDING CONTRACTORS	190	49	38	19	16	2	2	-	-	1	317
ROAD CONTRACTORS	2	1	-	-	-	-	-	-	-	1	4
SPECIALIZED CONTRACTORS	7	1	1	-	2	-	-	-	-	-	11

TABLE C-4: NUMBER OF ENTERPRISES WITH OR WITHOUT BOOKS OF ACCOUNTS BY THE CALENDAR YEAR THEIR BOOKS OF ACCOUNTS ARE KEPT AND MAIN CONSTRUCTION ACTIVITY, 1998/1999(1991 E.F.Y)

MAIN CONSTRUCTION ACTIVITY	NUMBER OF ENTERPRISES WITH BOOKS OF ACCOUNTS					ENTERPRISES WITH NO BOOKS OF ACCOUNTS	GRAND TOTAL
	ETHIOPIAN BUDGET YEAR	ETHIOPIAN CALENDAR YEAR	GREGORIAN CALENDAR YEAR	OTHERS	TOTAL		
PUBLIC AND PRIVATE	161	2	7	-	170	302	472
GENERAL CONTRACTORS	75	1	2	-	78	60	138
BUILDING CONTRACTORS	78	-	4	-	82	236	318
ROAD CONTRACTORS	2	1	-	-	3	2	5
SPECIALIZED CONTRACTORS	6	-	1	-	7	4	11
PUBLIC	8	-	-	-	8	-	8
GENERAL CONTRACTORS	6	-	-	-	6	-	6
BUILDING CONTRACTORS	1	-	-	-	1	-	1
ROAD CONTRACTORS	1	-	-	-	1	-	1
SPECIALIZED CONTRACTORS	-	-	-	-	-	-	-
PRIVATE	153	2	7	-	162	302	464
GENERAL CONTRACTORS	69	1	2	-	72	60	132
BUILDING CONTRACTORS	77	-	4	-	81	236	317
ROAD CONTRACTORS	1	1	-	-	2	2	4
SPECIALIZED CONTRACTORS	6	-	1	-	7	4	11

TABLE C-5: PERCENTAGE DISTRIBUTION OF ENTERPRISES BY FIRST MAJOR OPERATIONAL PROBLEM FACED AND MAIN CONSTRUCTION ACTIVITY, 1998/1999(1991 E.F.Y)

MAIN CONSTRUCTION ACTIVITY	TYPE OF PROBLEM										
	SHORTAGE OF SUPPLY OF RAW MATERIALS	SHORTAGE OF SUPPLY OF SPARE PARTS	UNABLE TO COMPETE THE MARKET	UNABLE TO GET PROJECTS	SHORTAGE OF WORKING CAPITAL	UNSUITABLE WORKING PREMISES	PROBLEM WITH EMPLOYEES	GOV'T RULES AND REGULATIONS	NO PROBLEM FACED	OTHER PROBLEMS	TOTAL
PUBLIC AND PRIVATE	70	12	82	115	47	27	4	39	18	58	472
%	14.83	2.54	17.37	24.36	9.96	5.72	.85	8.26	3.81	12.29	100.00
GENERAL CONTRACTORS	17	5	26	44	14	3	3	7	5	14	138
BUILDING CONTRACTORS	47	4	54	66	33	24	1	32	13	44	318
ROAD CONTRACTORS	2	2	-	1	-	-	-	-	-	-	5
SPECIALIZED CONTRACTORS	4	1	2	4	-	-	-	-	-	-	11
PUBLIC	1	2	1	2	1	-	1	-	-	-	8
%	12.50	25.00	12.50	25.00	12.50	-	12.50	-	-	-	100.00
GENERAL CONTRACTORS	-	2	-	2	1	-	1	-	-	-	6
BUILDING CONTRACTORS	-	-	1	-	-	-	-	-	-	-	1
ROAD CONTRACTORS	1	-	-	-	-	-	-	-	-	-	1
SPECIALIZED CONTRACTORS	-	-	-	-	-	-	-	-	-	-	-
PRIVATE	69	10	81	113	46	27	3	39	18	58	464
%	14.87	2.16	17.46	24.35	9.91	5.82	.65	8.41	3.88	12.50	100.00
GENERAL CONTRACTORS	17	3	26	42	13	3	2	7	5	14	132
BUILDING CONTRACTORS	47	4	53	66	33	24	1	32	13	44	317
ROAD CONTRACTORS	1	2	-	1	-	-	-	-	-	-	4
SPECIALIZED CONTRACTORS	4	1	2	4	-	-	-	-	-	-	11

TABLE C-6: NUMBER OF PERSONS ENGAGED AND WAGES AND SALARIES BY SEX, OWNERSHIP AND MAIN CONSTRUCTION ACTIVITY
1998/1999(1991 E.F.Y)

MAIN CONSTRUCTION ACTIVITY	NUMBER OF ENTERPRISES	NUMBER OF PERSONS ENGAGED			NUMBER OF EMPLOYEES	1 WAGES AND SALARIES(IN '000 BIRR)			N° OF PERSONS ENGAGED DURING A SINGLE(PEAK) PERIOD
		MALE	FEMALE	TOTAL		MALE	FEMALE	TOTAL	
PUBLIC AND PRIVATE	472	54,035	6,830	60,865	60,560	306,845	37,635	373,248	88,092
GENERAL CONTRACTORS	138	27,897	4,060	31,957	31,878	190,684	27,556	237,663	44,629
BUILDING CONTRACTORS	318	14,253	2,040	16,293	16,073	46,146	4,875	52,095	30,165
ROAD CONTRACTORS	5	11,587	689	12,276	12,274	67,554	5,087	80,178	12,850
SPECIALIZED CONTRACTORS	11	298	41	339	335	2,461	116	3,311	448
PUBLIC	8	18,048	1,675	19,723	19,723	107,535	10,891	131,898	23,545
GENERAL CONTRACTORS	6	5,788	882	6,670	6,670	37,832	5,485	48,856	9,730
BUILDING CONTRACTORS	1	997	117	1,114	1,114	3,973	412	4,780	1,516
ROAD CONTRACTORS	1	11,263	676	11,939	11,939	65,731	4,994	78,262	12,299
SPECIALIZED CONTRACTORS	-	-	-	-	-	-	-	-	-
PRIVATE	464	35,987	5,155	41,142	40,837	199,309	26,743	241,350	64,547
GENERAL CONTRACTORS	132	22,109	3,178	25,287	25,208	152,852	22,071	188,807	34,899
BUILDING CONTRACTORS	317	13,256	1,923	15,179	14,959	42,174	4,463	47,315	28,649
ROAD CONTRACTORS	4	324	13	337	335	1,823	94	1,917	551
SPECIALIZED CONTRACTORS	11	298	41	339	335	2,461	116	3,311	448

1 Details may not add to row totals, because the total include other benefits paid to persons not classified by sex and nationality.

TABLE C-7: NUMBER OF PERSONS ENGAGED BY OCCUPATIONAL GROUP AND MAIN CONSTRUCTION ACTIVITY
1998/1999(1991 E.F.Y)

MAIN CONSTRUCTION ACTIVITY	N ^o . OF ENTERP.	N ^o OF WORKING PROPRIETORS ACTIVE PARTNERS & FAMILY WORKERS	OPERATIVES	OTHER EMPLOYEES	TOTAL
PUBLIC AND PRIVATE	472	305	52,342	8,218	60,865
GENERAL CONTRACTORS	138	79	27,603	4,275	31,957
BUILDING CONTRACTORS	318	220	14,698	1,375	16,293
ROAD CONTRACTORS	5	2	9,790	2,484	12,276
SPECIALIZED CONTRACTORS	11	4	251	84	339
PUBLIC	8	-	15,281	4,442	19,723
GENERAL CONTRACTORS	6	-	4,843	1,827	6,670
BUILDING CONTRACTORS	1	-	930	184	1,114
ROAD CONTRACTORS	1	-	9,508	2,431	11,939
SPECIALIZED CONTRACTORS	-	-	-	-	-
PRIVATE	464	305	37,061	3,776	41,142
GENERAL CONTRACTORS	132	79	22,760	2,448	25,287
BUILDING CONTRACTORS	317	220	13,768	1,191	15,179
ROAD CONTRACTORS	4	2	282	53	337
SPECIALIZED CONTRACTORS	11	4	251	84	339

TABLE C-8: GROSS WAGES AND SALARIES, OTHER EMPLOYEE BENEFITS, SUPPLEMENTS TO WAGES AND SALARIES BY MAIN CONSTRUCTION ACTIVITY, 1998/1999(1991 E.F.Y)

(VALUES IN '000 BIRR)

MAIN CONSTRUCTION ACTIVITY	N ^o OF ENTERP.	GROSS WAGES AND SALARIES	OTHER EMPLOYEE BENEFITS	TOTAL	SUPPLEMENTS TO WAGES & SALARIES
PUBLIC AND PRIVATE	472	344,479	18,375	362,854	10,394
GENERAL CONTRACTORS	138	218,240	11,082	229,323	8,341
BUILDING CONTRACTORS	318	51,021	894	51,915	180
ROAD CONTRACTORS	5	72,641	5,751	78,392	1,787
SPECIALIZED CONTRACTORS	11	2,576	648	3,224	87
PUBLIC	8	118,426	8,863	127,289	4,609
GENERAL CONTRACTORS	6	43,317	2,746	46,063	2,793
BUILDING CONTRACTORS	1	4,385	365	4,750	30
ROAD CONTRACTORS	1	70,724	5,751	76,475	1,787
SPECIALIZED CONTRACTORS	-	-	-	-	-
PRIVATE	464	226,053	9,512	235,565	5,784
GENERAL CONTRACTORS	132	174,923	8,336	183,259	5,548
BUILDING CONTRACTORS	317	46,636	528	47,165	150
ROAD CONTRACTORS	4	1,917	-	1,917	-
SPECIALIZED CONTRACTORS	11	2,576	648	3,224	87

TABLE C-9: GROSS WAGES AND SALARIES BY OCCUPATIONAL GROUP, SEX AND MAIN CONSTRUCTION ACTIVITY
1998/1999(1991 E.F.Y)

MAIN CONSTRUCTION ACTIVITY	WAGES AND SALARIES PAID(IN '000 BIRR)							
	Nº OF ENTERP.	OPERATIVES			OTHER EMPLOYEES			TOTAL
		MALE	FEMALE	BOTH SEXES	MALE	FEMALE	BOTH SEXES	
PUBLIC AND PRIVATE	472	222,041	24,642	246,683	84,804	12,992	97,796	344,479
GENERAL CONTRACTORS	138	155,819	18,911	174,729	34,865	8,646	43,511	218,240
BUILDING CONTRACTORS	318	39,065	3,790	42,855	7,082	1,085	8,166	51,021
ROAD CONTRACTORS	5	25,479	1,900	27,379	42,075	3,187	45,262	72,641
SPECIALIZED CONTRACTORS	11	1,678	42	1,720	782	74	857	2,576
PUBLIC	8	55,691	4,537	60,228	51,844	6,355	58,199	118,426
GENERAL CONTRACTORS	6	28,641	2,478	31,119	9,191	3,007	12,198	43,317
BUILDING CONTRACTORS	1	3,047	235	3,282	926	178	1,103	4,385
ROAD CONTRACTORS	1	24,004	1,824	25,827	41,727	3,170	44,897	70,724
SPECIALIZED CONTRACTORS	-	-	-	-	-	-	-	-
PRIVATE	464	166,350	20,106	186,456	32,960	6,638	39,597	226,053
GENERAL CONTRACTORS	132	127,178	16,432	143,611	25,674	5,639	31,313	174,923
BUILDING CONTRACTORS	317	36,018	3,556	39,574	6,156	907	7,063	46,636
ROAD CONTRACTORS	4	1,475	76	1,552	348	17	365	1,917
SPECIALIZED CONTRACTORS	11	1,678	42	1,720	782	74	857	2,576

TABLE C-10: NUMBER OF ENTERPRISES AND NUMBER OF PERSONS ENGAGED BY SIZE OF PERSONS ENGAGED AND BY MAIN CONSTRUCTION ACTIVITY, 1998/1999(1991 E.F.Y)

MAIN CONSTRUCTION ACTIVITY	N° OF ENTERPRISES BY SIZE GROUP				N° OF PERSONS ENGAGED BY SIZE GROUP				
	UPTO 19	20 - 49	50 & OVER	TOTAL	UPTO 19	20 - 49	50 & OVER	TOTAL	
PUBLIC AND PRIVATE	209	123	140	472	1,711	3,860	55,294	60,865	
GENERAL CONTRACTORS	35	39	64	138	340	1,267	30,350	31,957	
BUILDING CONTRACTORS	165	82	71	318	1,319	2,546	12,428	16,293	
ROAD CONTRACTORS	3	-	2	5	13	-	12,263	12,276	
SPECIALIZED CONTRACTORS	6	2	3	11	39	47	253	339	
PUBLIC	-	-	8	8	-	-	19,723	19,723	
GENERAL CONTRACTORS	-	-	6	6	-	-	6,670	6,670	
BUILDING CONTRACTORS	-	-	1	1	-	-	1,114	1,114	
ROAD CONTRACTORS	-	-	1	1	-	-	11,939	11,939	
SPECIALIZED CONTRACTORS	-	-	-	-	-	-	-	-	
PRIVATE	209	123	132	464	1,711	3,860	35,571	41,142	
GENERAL CONTRACTORS	35	39	58	132	340	1,267	23,680	25,287	
BUILDING CONTRACTORS	165	82	70	317	1,319	2,546	11,314	15,179	
ROAD CONTRACTORS	3	-	1	4	13	-	324	337	
SPECIALIZED CONTRACTORS	6	2	3	11	39	47	253	339	

1998/1999
 1991 E.F.Y
 C. D. A. SLOTT
 1998/1999

TABLE C-11: NUMBER OF ENTERPRISES AND NUMBER OF PERSONS ENGAGED BY SIZE OF CAPITAL AND MAIN CONSTRUCTION ACTIVITY
1998/1999(1991 E.F.Y)

(SIZE OF CAPITAL IN MILLION BIRR)

MAIN CONSTRUCTION ACTIVITY	N° OF ENTERPRISES BY SIZE OF CAPITAL					N° OF PERSONS ENGAGED BY SIZE OF CAPITAL				
	UNDER 5	5 AND UNDER 10	10 AND UNDER 15	15 AND UNDER 20	20 AND OVER	UNDER 5	5 AND UNDER 10	10 AND UNDER 15	15 AND UNDER 20	20 AND OVER
PUBLIC AND PRIVATE	447	8	2	1	14	22,951	4,154	1,139	744	31,877
GENERAL CONTRACTORS	118	6	2	1	11	8,566	2,350	1,139	744	19,158
BUILDING CONTRACTORS	315	2	-	-	1	14,033	1,804	-	-	456
ROAD CONTRACTORS	3	-	-	-	2	13	-	-	-	12,263
SPECIALIZED CONTRACTORS	11	-	-	-	-	339	-	-	-	-
PUBLIC	1	-	1	-	6	1,114	-	635	-	17,974
GENERAL CONTRACTORS	-	-	1	-	5	-	-	635	-	6,035
BUILDING CONTRACTORS	1	-	-	-	-	1,114	-	-	-	-
ROAD CONTRACTORS	-	-	-	-	1	-	-	-	-	11,939
SPECIALIZED CONTRACTORS	-	-	-	-	-	-	-	-	-	-
PRIVATE	446	8	1	1	8	21,837	4,154	504	744	13,903
GENERAL CONTRACTORS	118	6	1	1	6	8,566	2,350	504	744	13,123
BUILDING CONTRACTORS	314	2	-	-	1	12,919	1,804	-	-	456
ROAD CONTRACTORS	3	-	-	-	1	13	-	-	-	324
SPECIALIZED CONTRACTORS	11	-	-	-	-	339	-	-	-	-

TABLE C-12: DEMANDS ON AND OUTPUT OF CONTRACTORS BY MAIN CONSTRUCTION ACTIVITY,
1998/1999(1991 E.F.Y)

(VALUE IN '000 BIRR)

MAIN CONSTRUCTION ACTIVITY	N° OF ENTERP.	WORK DONE DURING THE YEAR	NEW CONTRACTS TAKEN ON	CONTRACTS CANCELED OR REDUCED IN VALUE
PUBLIC AND PRIVATE	472	1,686,251	597,621	13,107
GENERAL CONTRACTORS	138	1,210,957	471,085	2,445
BUILDING CONTRACTORS	318	324,848	124,973	10,662
ROAD CONTRACTORS	5	135,144	107	-
SPECIALIZED CONTRACTORS	11	15,302	1,456	-
PUBLIC	8	296,765	160,130	-
GENERAL CONTRACTORS	6	161,945	160,130	-
BUILDING CONTRACTORS	1	14,203	-	-
ROAD CONTRACTORS	1	120,617	-	-
SPECIALIZED CONTRACTORS	-	-	-	-
PRIVATE	464	1,389,487	437,492	13,107
GENERAL CONTRACTORS	132	1,049,012	310,955	2,445
BUILDING CONTRACTORS	317	310,645	124,973	10,662
ROAD CONTRACTORS	4	14,528	107	-
SPECIALIZED CONTRACTORS	11	15,302	1,456	-

TABLE C-13 DEMANDS ON AND OUTPUT OF CONTRACTORS BY TYPE OF CONSTRUCTION WORK DONE
PUBLIC AND PRIVATE, 1998/1999(1991 E.F.Y)

(IN '000 BIRR)

TYPE OF CONSTRUCTION WORK DONE	WORK DONE DURING THE YEAR	NEW CONTRACTS TAKEN ON	CONTRACTS CANCELED OR REDUCED IN VALUE
RESIDENTIAL BUILDINGS	52,196	58,346	-
NON RESIDENTIAL BUILDINGS.....	758,368	314,285	10,635
Commercial Buildings.....	232,253	18,503	2,470
Industrial Buildings.....	74,097	66,884	5
Educational Buildings.....	198,670	146,284	1,350
Health Buildings.....	84,555	42,771	1,746
Other Non Residential Buildings...	168,793	39,843	5,064
OTHER CONSTRUCTION WORK.....	723,560	222,132	2,469
Roads.....	452,314	100,461	1,936
Bridges....	10,150	2,095	277
Air Fields	58,623	8,169	-
Dams.....	98,803	-	-
Pipe Lines	10,820	761	-
Others.....	92,850	110,646	256
WORK DONE AS SUB CONTRACTOR	2,888	1,889	-
WORK DONE BY SUB CONTRACTORS.....	148,500	970	3
SIMPLE REPAIR AND MAINTENANCE.....	740	-	-
TOTAL	1,686,252	597,622	13,107

TABLE C-14 DEMANDS ON AND OUTPUT OF CONTRACTORS BY TYPE OF CONSTRUCTION WORK DONE
PUBLIC, 1998/1999(1991 E.F.Y)

(IN '000 BIRR)

TYPE OF CONSTRUCTION WORK DONE	WORK DONE DURING THE YEAR	NEW CONTRACTS TAKEN ON	CONTRACTS CANCELED OR REDUCED IN VALUE
RESIDENTIAL BUILDINGS	2,696	-	-
NON RESIDENTIAL BUILDINGS.....	42,390	-	-
Commercial Buildings.....	-	-	-
Industrial Buildings.....	1,947	-	-
Educational Buildings.....	33,910	-	-
Health Buildings.....	-	-	-
Other Non Residential Buildings...	6,533	-	-
OTHER CONSTRUCTION WORK.....	242,096	160,130	-
Roads.....	140,468	84,853	-
Bridges.....	7,477	-	-
Air Fields	44,328	8,169	-
Dams.....	462	-	-
Pipe Lines	1,178	-	-
Others.....	48,183	67,108	-
WORK DONE AS SUB CONTRACTOR	465	-	-
WORK DONE BY SUB CONTRACTORS.....	9,116	-	-
SIMPLE REPAIR AND MAINTENANCE.....	-	-	-
TOTAL	296,763	160,130	-

TABLE C-15 DEMANDS ON AND OUTPUT OF CONTRACTORS BY TYPE OF CONSTRUCTION WORK DONE
PRIVATE, 1998/1999(1991 E.F.Y)

(IN '000 BIRR)

TYPE OF CONSTRUCTION WORK DONE	WORK DONE DURING THE YEAR	NEW CONTRACTS TAKEN ON	CONTRACTS CANCELED OR REDUCED IN VALUE
RESIDENTIAL BUILDINGS	49,500	58,346	-
NON RESIDENTIAL BUILDINGS.....	715,977	314,285	10,635
Commercial Buildings.....	232,253	18,503	2,470
Industrial Buildings.....	72,150	66,884	5
Educational Buildings.....	164,759	146,284	1,350
Health Buildings.....	84,555	42,771	1,746
Other Non Residential Buildings...	162,260	39,843	5,064
OTHER CONSTRUCTION WORK.....	481,464	62,003	2,469
Roads.....	311,846	15,608	1,936
Bridges....	2,673	2,095	277
Air Fields	14,295	-	-
Dams.....	98,341	-	-
Pipe Lines	9,642	761	-
Others.....	44,667	43,539	256
WORK DONE AS SUB CONTRACTOR	2,422	1,889	-
WORK DONE BY SUB CONTRACTORS.....	139,384	970	3
SIMPLE REPAIR AND MAINTENANCE.....	740	-	-
TOTAL	1,389,487	437,493	13,107

TABLE C-16: NUMBER OF ENTERPRISES, GROSS VALUE OF CONSTRUCTION OUTPUT, EXPENSES DIRECTLY RELATED TO CONSTRUCTION, INDIRECT TAXES NET AND CENSUS VALUE ADDED BY MAIN CONSTRUCTION ACTIVITY, 1998/1999(1991 E.F.Y)

(VALUE IN '000 BIRR)

MAIN CONSTRUCTION ACTIVITY	N° OF ENTERP.	GROSS VALUE OF CONSTRUCTION OUTPUT	EXPENSES DIRECTLY RELATED TO CONSTRUCTION	INDIRECT TAXES	CENSUS VALUE ADDED	
					AT MARKET PRICE	AT FACTOR COST
PUBLIC AND PRIVATE	472	1,744,956	1,031,416	31,848	713,539	681,691
GENERAL CONTRACTORS	138	1,242,985	698,829	19,849	544,156	524,307
BUILDING CONTRACTORS	318	334,181	240,550	4,954	93,631	88,677
ROAD CONTRACTORS	5	148,805	81,125	6,669	67,681	61,012
SPECIALIZED CONTRACTORS	11	18,985	10,913	376	8,072	7,696
PUBLIC	8	326,496	164,674	12,189	161,822	149,634
GENERAL CONTRACTORS	6	176,004	79,189	5,825	96,815	90,990
BUILDING CONTRACTORS	1	16,256	10,024	332	6,231	5,899
ROAD CONTRACTORS	1	134,236	75,460	6,031	58,775	52,744
SPECIALIZED CONTRACTORS	-	-	-	-	-	-
PRIVATE	464	1,418,460	866,743	19,659	551,717	532,058
GENERAL CONTRACTORS	132	1,066,980	619,640	14,024	447,340	433,317
BUILDING CONTRACTORS	317	317,925	230,526	4,621	87,399	82,778
ROAD CONTRACTORS	4	14,570	5,664	638	8,905	8,267
SPECIALIZED CONTRACTORS	11	18,985	10,913	376	8,072	7,696

TABLE C-17: NUMBER OF ENTERPRISES, GROSS VALUE OF CONSTRUCTION OUTPUT, CONSTRUCTION AND NON-CONSTRUCTION EXPENSES, INDIRECT TAXES NET AND VALUE ADDED IN THE NATIONAL ACCOUNT CONCEPT BY MAIN CONSTRUCTION ACTIVITY 1998/1999(1991 E.F.Y)

(IN VALUE '000 BIRR)

MAIN CONSTRUCTION ACTIVITY	N° ENTERP.	GROSS VALUE OF CONSTRUCTION OUTPUT	CONSTRUCTION & NON-CONSTRUCTION EXPENSES	INDIRECT TAXES	VALUE ADDED IN THE NATIONAL ACCOUNT CONCEPT	
					AT MARKET PRICE	AT FACTOR COST
PUBLIC AND PRIVATE	472	1,744,956	1,262,317	31,848	482,639	450,791
GENERAL CONTRACTORS	138	1,242,985	874,479	19,849	368,506	348,657
BUILDING CONTRACTORS	318	334,181	262,941	4,954	71,239	66,286
ROAD CONTRACTORS	5	148,805	111,888	6,669	36,918	30,249
SPECIALIZED CONTRACTORS	11	18,985	13,009	376	5,976	5,600
PUBLIC	8	326,496	224,937	12,189	101,558	89,370
GENERAL CONTRACTORS	6	176,004	108,081	5,825	67,924	62,098
BUILDING CONTRACTORS	1	16,256	11,858	332	4,398	4,065
ROAD CONTRACTORS	1	134,236	104,999	6,031	29,237	23,206
SPECIALIZED CONTRACTORS	-	-	-	-	-	-
PRIVATE	464	1,418,460	1,037,379	19,659	381,080	361,421
GENERAL CONTRACTORS	132	1,066,980	766,399	14,024	300,582	286,558
BUILDING CONTRACTORS	317	317,925	251,083	4,621	66,842	62,220
ROAD CONTRACTORS	4	14,570	6,889	638	7,680	7,042
SPECIALIZED CONTRACTORS	11	18,985	13,009	376	5,976	5,600

TABLE C-18: COMPONENTS OF GROSS VALUE OF CONSTRUCTION OUTPUT BY MAIN CONSTRUCTION ACTIVITY
1998/1999(1991 E.F.Y)

(VALUE IN '000 BIRR)

MAIN CONSTRUCTION ACTIVITY	NUMBER OF ENTERPRISES	REVENUE FROM NEW CONSTRUCTION	RECEIPTS FROM REPAIR AND MAINTENANCE	OTHER RECEIPTS AND SERVICE INCOME	GROSS VALUE OF CONSTRUCTION OUTPUT
PUBLIC AND PRIVATE	472	1,592,857	93,394	58,705	1,744,956
GENERAL CONTRACTORS	138	1,198,498	12,459	32,028	1,242,985
BUILDING CONTRACTORS	318	318,289	6,560	9,332	334,181
ROAD CONTRACTORS	5	60,814	74,330	13,661	148,805
SPECIALIZED CONTRACTORS	11	15,256	45	3,683	18,985
PUBLIC	8	222,171	74,593	29,731	326,496
GENERAL CONTRACTORS	6	161,664	281	14,059	176,004
BUILDING CONTRACTORS	1	14,119	84	2,053	16,256
ROAD CONTRACTORS	1	46,388	74,228	13,619	134,236
SPECIALIZED CONTRACTORS	-	-	-	-	-
PRIVATE	464	1,370,686	18,801	28,973	1,418,460
GENERAL CONTRACTORS	132	1,036,833	12,178	17,968	1,066,980
BUILDING CONTRACTORS	317	304,170	6,476	7,279	317,925
ROAD CONTRACTORS	4	14,426	102	42	14,570
SPECIALIZED CONTRACTORS	11	15,256	45	3,683	18,985

TABLE C-19: GROSS VALUE OF CONSTRUCTION OUTPUT BY SIZE OF PERSONS ENGAGED AND MAIN CONSTRUCTION ACTIVITY, 1998/1999(1991 E.F.Y)

(VALUE IN '000 BIRR)

MAIN CONSTRUCTION ACTIVITY	N° ENTERP.	SIZE OF PERSONS ENGAGED			
		UPTO 19	20 - 49	50 AND OVER	TOTAL
PUBLIC AND PRIVATE	472	34,676	76,874	1,633,405	1,744,956
GENERAL CONTRACTORS	138	8,870	26,788	1,207,326	1,242,985
BUILDING CONTRACTORS	318	25,086	48,108	260,987	334,181
ROAD CONTRACTORS	5	144	-	148,662	148,805
SPECIALIZED CONTRACTORS	11	576	1,978	16,430	18,985
PUBLIC	8	-	-	326,496	326,496
GENERAL CONTRACTORS	6	-	-	176,004	176,004
BUILDING CONTRACTORS	1	-	-	16,256	16,256
ROAD CONTRACTORS	1	-	-	134,236	134,236
SPECIALIZED CONTRACTORS	-	-	-	-	-
PRIVATE	464	34,676	76,874	1,306,909	1,418,460
GENERAL CONTRACTORS	132	8,870	26,788	1,031,322	1,066,980
BUILDING CONTRACTORS	317	25,086	48,108	244,731	317,925
ROAD CONTRACTORS	4	144	-	14,426	14,570
SPECIALIZED CONTRACTORS	11	576	1,978	16,430	18,985

TABLE C-20: GROSS VALUE OF CONSTRUCTION OUTPUT BY SIZE OF CAPITAL AND MAIN CONSTRUCTION ACTIVITY
1998/1999(1991 E.F.Y)

(VALUE IN '000 BIRR)

MAIN CONSTRUCTION ACTIVITY	N ^o ENTERP.	SIZE OF CAPITAL (IN MILLION BIRR)					TOTAL
		UNDER 5	5 AND UNDER 10	10 AND UNDER 15	15 AND UNDER 20	20 AND OVER	
PUBLIC AND PRIVATE	472	489,106	80,803	26,746	27,554	1,120,747	1,744,956
GENERAL CONTRACTORS	138	224,088	52,210	26,746	27,554	912,387	1,242,985
BUILDING CONTRACTORS	318	245,889	28,592	-	-	59,699	334,181
ROAD CONTRACTORS	5	144	-	-	-	148,662	148,805
SPECIALIZED CONTRACTORS	11	18,985	-	-	-	-	18,985
PUBLIC	8	16,256	-	8,596	-	301,644	326,496
GENERAL CONTRACTORS	6	-	-	8,596	-	167,408	176,004
BUILDING CONTRACTORS	1	16,256	-	-	-	-	16,256
ROAD CONTRACTORS	1	-	-	-	-	134,236	134,236
SPECIALIZED CONTRACTORS	-	-	-	-	-	-	-
PRIVATE	464	472,850	80,803	18,149	27,554	819,104	1,418,460
GENERAL CONTRACTORS	132	224,088	52,210	18,149	27,554	744,979	1,066,980
BUILDING CONTRACTORS	317	229,634	28,592	-	-	59,699	317,925
ROAD CONTRACTORS	4	144	-	-	-	14,426	14,570
SPECIALIZED CONTRACTORS	11	18,985	-	-	-	-	18,985

TABLE C-21: VALUE ADDED*BY SIZE OF PERSONS ENGAGED AND MAIN CONSTRUCTION ACTIVITY
1998/1999(1991 E.F.Y)

(IN '000 BIRR)

MAIN CONSTRUCTION ACTIVITY	SIZE OF PERSONS ENGAGED			
	UPTO 19	20 - 49	50 AND OVER	TOTAL
PUBLIC AND PRIVATE	8,875	20,308	421,608	450,791
GENERAL CONTRACTORS	1,644	7,087	339,926	348,657
BUILDING CONTRACTORS	6,978	11,719	47,588	66,286
ROAD CONTRACTORS	27	-	30,222	30,249
SPECIALIZED CONTRACTORS	226	1,503	3,872	5,600
PUBLIC	-	-	89,370	89,370
GENERAL CONTRACTORS	-	-	62,098	62,098
BUILDING CONTRACTORS	-	-	4,065	4,065
ROAD CONTRACTORS	-	-	23,206	23,206
SPECIALIZED CONTRACTORS	-	-	-	-
PRIVATE	8,875	20,308	332,238	361,421
GENERAL CONTRACTORS	1,644	7,087	277,828	286,558
BUILDING CONTRACTORS	6,978	11,719	43,523	62,220
ROAD CONTRACTORS	27	-	7,015	7,042
SPECIALIZED CONTRACTORS	226	1,503	3,872	5,600

* IN THE NATIONAL ACCOUNT CONCEPT AT FACTOR COST

TABLE C-22: VALUE ADDED* BY SIZE OF CAPITAL AND MAIN CONSTRUCTION ACTIVITY
1998/1999(1991 E.F.Y)

(IN '000 BIRR)

MAIN CONSTRUCTION ACTIVITY	SIZE OF CAPITAL (IN MILLION BIRR)					TOTAL
	UNDER 5	5 AND UNDER 10	10 AND UNDER 15	15 AND UNDER 20	20 AND OVER	
PUBLIC AND PRIVATE	114,645	17,848	3,969	6,793	307,534	450,789
GENERAL CONTRACTORS	55,018	12,608	3,969	6,793	270,268	348,656
BUILDING CONTRACTORS	54,000	5,240	-	-	7,045	66,285
ROAD CONTRACTORS	27	-	-	-	30,221	30,248
SPECIALIZED CONTRACTORS	5,600	-	-	-	-	5,600
PUBLIC	4,065	-	1	-	85,303	89,369
GENERAL CONTRACTORS	-	-	1	-	62,097	62,098
BUILDING CONTRACTORS	4,065	-	-	-	-	4,065
ROAD CONTRACTORS	-	-	-	-	23,206	23,206
SPECIALIZED CONTRACTORS	-	-	-	-	-	-
PRIVATE	110,580	17,848	3,968	6,793	222,231	361,420
GENERAL CONTRACTORS	55,018	12,608	3,968	6,793	208,171	286,558
BUILDING CONTRACTORS	49,935	5,240	-	-	7,045	62,220
ROAD CONTRACTORS	27	-	-	-	7,015	7,042
SPECIALIZED CONTRACTORS	5,600	-	-	-	-	5,600

*IN THE NATIONAL ACCOUNT CONCEPT AT FACTOR COST

TABLE C-23: NUMBER OF ENTERPRISES, TOTAL REVENUE FROM NEW CONSTRUCTION INCLUDING EXTENSION, VALUE OF CAPITAL REPAIR AND MAINTENANCE BY TYPE OF MAIN CONSTRUCTION ACTIVITY, 1998/1999(1991 E.F.Y)

MAIN CONSTRUCTION ACTIVITY	N° OF ENTERPRISES			REVENUE FROM NEW CONSTRUCTION, CAPITAL REPAIR AND MAINTENANCE (IN '000 BIRR)		
	PUBLIC	PRIVATE	TOTAL	PUBLIC	PRIVATE	TOTAL
TOTAL	8	464	472	296,765	1,388,746	1,685,511
GENERAL CONTRACTORS	6	132	138	161,945	1,048,750	1,210,695
BUILDING CONTRACTORS	1	317	318	14,203	310,198	324,401
ROAD CONTRACTORS	1	4	5	120,617	14,528	135,145
SPECIALIZED CONTRACTORS	-	11	11	-	15,270	15,270

TABLE C-24: VALUE OF NEW CONSTRUCTION INCLUDING EXTENSION AND CAPITAL REPAIR AND MAINTENANCE
 BY TYPE OF CONSTRUCTION WORK DONE - PUBLIC AND PRIVATE, 1998/1999(1991 E.F.Y)

(IN '000 BIRR)

TYPE OF CONSTRUCTION WORK DONE	TOTAL VALUE OF NEW CONSTRUCTION OUTPUT	TOTAL VALUE OF CAPITAL REPAIR AND MAINTENANCE	TOTAL
RESIDENTIAL BUILDINGS	51,970	226	52,196
NON RESIDENTIAL BUILDINGS.....	743,578	14,789	758,367
Commercial Buildings.....	226,239	6,013	232,252
Industrial Buildings.....	73,878	219	74,097
Educational Buildings.....	196,401	2,269	198,670
Health Buildings.....	83,232	1,323	84,555
Other Non Residential Buildings...	163,828	4,965	168,793
OTHER CONSTRUCTION WORK.....	646,318	77,243	723,561
Roads.....	375,919	76,396	452,315
Bridges.....	10,150	-	10,150
Air Fields	58,623	-	58,623
Dams.....	98,803	-	98,803
Pipe Lines	10,820	-	10,820
Others.....	92,003	847	92,850
WORK DONE AS SUB CONTRACTOR	2,758	130	2,888
WORK DONE BY SUB CONTRACTORS.....	148,234	266	148,500
TOTAL	1,592,858	92,654	1,685,512

TABLE C-25: VALUE OF NEW CONSTRUCTION INCLUDING EXTENSION AND CAPITAL REPAIR AND MAINTENANCE
 BY TYPE OF CONSTRUCTION WORK DONE- PUBLIC, 1998/1999(1991 E.F.Y)

(IN '000 BIRR)

TYPE OF CONSTRUCTION WORK DONE	TOTAL VALUE OF NEW CONSTRUCTION OUTPUT	TOTAL VALUE OF CAPITAL REPAIR AND MAINTENANCE	TOTAL
RESIDENTIAL BUILDINGS.....	2,696	-	2,696
NON RESIDENTIAL BUILDINGS.....	42,307	84	42,391
Commercial Buildings.....	-	-	-
Industrial Buildings.....	1,947	-	1,947
Educational Buildings.....	33,910	-	33,910
Health Buildings.....	-	-	-
Other Non Residential Buildings...	6,450	84	6,534
OTHER CONSTRUCTION WORK.....	167,587	74,509	242,096
Roads.....	65,959	74,509	140,468
Bridges.....	7,477	-	7,477
Air Fields.....	44,328	-	44,328
Dams.....	462	-	462
Pipe Lines.....	1,178	-	1,178
Others.....	48,183	-	48,183
WORK DONE AS SUB CONTRACTOR.....	465	-	465
WORK DONE BY SUB CONTRACTORS.....	9,116	-	9,116
TOTAL	222,171	74,593	296,764

TABLE C-26: VALUE OF NEW CONSTRUCTION INCLUDING EXTENSION AND CAPITAL REPAIR AND MAINTENANCE
 BY TYPE OF CONSTRUCTION WORK DONE - PRIVATE, 1998/1999(1991 E.F.Y)
 (IN '000 BIRR)

TYPE OF CONSTRUCTION WORK DONE	TOTAL VALUE OF NEW CONSTRUCTION OUTPUT	TOTAL VALUE OF CAPITAL REPAIR AND MAINTENANCE	TOTAL
RESIDENTIAL BUILDINGS.....	49,274	226	49,500
NON RESIDENTIAL BUILDINGS.....	701,271	14,705	715,976
Commercial Buildings.....	226,239	6,013	232,252
Industrial Buildings.....	71,930	219	72,149
Educational Buildings.....	162,491	2,269	164,760
Health Buildings.....	83,232	1,323	84,555
Other Non Residential Buildings...	157,379	4,881	162,260
OTHER CONSTRUCTION WORK.....	478,730	2,733	481,463
Roads.....	309,960	1,886	311,846
Bridges.....	2,673	-	2,673
Air Fields.....	14,295	-	14,295
Dams.....	98,341	-	98,341
Pipe Lines.....	9,642	-	9,642
Others.....	43,819	847	44,666
WORK DONE AS SUB CONTRACTOR.....	2,292	130	2,422
WORK DONE BY SUB CONTRACTORS.....	139,118	266	139,384
TOTAL	1,370,685	18,060	1,388,745

TABLE C-27: NUMBER OF ENTERPRISES, PAYMENTS TO SUBCONTRACTORS, ENERGY CONSUMED AND CONSTRUCTION AND NON-CONSTRUCTION SERVICES RENDERED BY OTHERS AND MAIN CONSTRUCTION ACTIVITY, 1998/1999(1991 E.F.Y)

(VALUES IN '000 BIRR)

MAIN CONSTRUCTION ACTIVITY	N° ENTERP.	COST OF RAW MATERIALS CONSUMED			PAYMENTS TO SUB-CONTRACTORS	COST OF ENERGY CONSUMED	PAYMENT FOR CONSTRUCTION RELATED SERVICES RENDERED	TOTAL EXPENSES DIRECTLY RELATED TO CONSTRUCTION	TRANSPORT COST	PAYMENTS FOR NON CONSTRUCTION SERVICES RENDERED	TOTAL CONSTRUCTION RELATED AND NON-CONSTRUCTION COSTS
		LOCAL	IMPORTED	TOTAL*							
PUBLIC AND PRIVATE	472	505,439	133,622	672,486	142,697	74,057	142,175	1,031,415	65,303	165,597	1,262,315
GENERAL CONTRACTORS	138	312,374	76,534	422,333	119,294	60,963	96,238	698,828	41,023	134,626	874,477
BUILDING CONTRACTORS	318	175,463	28,474	203,937	23,403	3,834	9,377	240,551	7,665	14,727	262,943
ROAD CONTRACTORS	5	15,180	22,424	37,603	-	9,077	34,443	81,123	15,587	15,176	111,886
SPECIALIZED CONTRACTORS	11	2,422	6,190	8,613	-	183	2,117	10,913	1,028	1,068	13,009
PUBLIC	8	56,358	28,944	85,301	9,145	25,221	45,006	164,673	26,508	33,755	224,936
GENERAL CONTRACTORS	6	35,181	6,320	41,501	8,643	17,307	11,738	79,189	10,804	18,087	108,080
BUILDING CONTRACTORS	1	7,745	220	7,965	502	853	704	10,024	143	1,691	11,858
ROAD CONTRACTORS	1	13,432	22,404	35,835	-	7,061	32,564	75,460	15,561	13,977	104,998
SPECIALIZED CONTRACTORS	-	-	-	-	-	-	-	-	-	-	-
PRIVATE	464	449,081	104,678	587,185	133,552	48,836	97,169	866,742	38,795	131,842	1,037,379
GENERAL CONTRACTORS	132	277,193	70,214	380,832	110,651	43,656	84,500	619,639	30,219	116,539	766,397
BUILDING CONTRACTORS	317	167,718	28,254	195,972	22,901	2,981	8,673	230,527	7,522	13,036	251,085
ROAD CONTRACTORS	4	1,748	20	1,768	-	2,016	1,879	5,663	26	1,199	6,888
SPECIALIZED CONTRACTORS	11	2,422	6,190	8,613	-	183	2,117	10,913	1,028	1,068	13,009

* The disaggregated values may not add to row total, because the total include raw materials consumed not classified by local and imported.

TABLE C-28: NUMBER OF ENTERPRISES AND COST OF ENERGY CONSUMED BY MAIN CONSTRUCTION ACTIVITY
1998/1999(1991 E.F.Y)

MAIN CONSTRUCTION ACTIVITY	N° OF ENTERP. BY TYPE OF ENERGY CONSUMED		TOTAL COST OF ENERGY CONSUMED (IN '000 BIRR)		
	FUEL & LUBRICATING OIL	ELECTRICITY	COST OF FUEL & LUBRICATING OIL	ELECTRICITY	TOTAL
PUBLIC AND PRIVATE	197	164	63,482	10,575	74,057
GENERAL CONTRACTORS	82	79	57,811	3,152	60,963
BUILDING CONTRACTORS	109	78	3,524	310	3,834
ROAD CONTRACTORS	3	2	1,998	7,079	9,077
SPECIALIZED CONTRACTORS	3	5	149	34	183
PUBLIC	6	8	16,389	8,832	25,221
GENERAL CONTRACTORS	5	6	15,575	1,732	17,307
BUILDING CONTRACTORS	1	1	814	39	853
ROAD CONTRACTORS	-	1	-	7,061	7,061
SPECIALIZED CONTRACTORS	-	-	-	-	-
PRIVATE	191	156	47,093	1,743	48,836
GENERAL CONTRACTORS	77	73	42,236	1,420	43,656
BUILDING CONTRACTORS	108	77	2,710	271	2,981
ROAD CONTRACTORS	3	1	1,998	18	2,016
SPECIALIZED CONTRACTORS	3	5	149	34	183

TABLE C-29: FIXED ASSETS AND NEW CAPITAL EXPENDITURE BY OWNERSHIP AND MAIN CONSTRUCTION ACTIVITY
1998/1999(1991 E.F.Y)

(IN '000 BIRR)

MAIN CONSTRUCTION ACTIVITY	FIXED ASSETS			NEW CAPITAL EXPENDITURE		
	PUBLIC	PRIVATE	TOTAL	PUBLIC	PRIVATE	TOTAL
GENERAL CONTRACTORS	179,590	481,518	661,109	8,893	99,470	108,363
BUILDING CONTRACTORS	1,616	56,398	58,014	441	22,502	22,943
ROAD CONTRACTORS	4,161,708	26,109	4,187,817	390,528	1,100	391,628
SPECIALIZED CONTRACTORS	-	6,608	6,608	-	2,792	2,792
TOTAL	4,342,914	570,633	4,913,547	399,862	125,864	525,726

TABLE C-30: INVESTMENT IN FIXED ASSETS OF REPORTING ENTERPRISES BY SOURCE AND MAIN CONSTRUCTION ACTIVITY
1998/1999(1991 E.F.Y)

(IN '000 BIRR)

MAIN CONSTRUCTION ACTIVITY	DOMESTIC SOURCE				FOREIGN SOURCE	GRAND TOTAL
	OWN FUND	BANK LOAN	OTHERS	TOTAL		
PUBLIC AND PRIVATE	93,643	24,362	395,287	513,292	12,434	525,726
GENERAL CONTRACTORS	83,204	21,869	3,291	108,364	-	108,364
BUILDING CONTRACTORS	9,473	664	372	10,509	12,434	22,943
ROAD CONTRACTORS	4	-	391,624	391,628	-	391,628
SPECIALIZED CONTRACTORS	962	1,829	-	2,791	-	2,791
PUBLIC	8,893	441	390,528	399,862	-	399,862
GENERAL CONTRACTORS	8,893	-	-	8,893	-	8,893
BUILDING CONTRACTORS	-	441	-	441	-	441
ROAD CONTRACTORS	-	-	390,528	390,528	-	390,528
SPECIALIZED CONTRACTORS	-	-	-	-	-	-
PRIVATE	84,750	23,921	4,759	113,430	12,434	125,864
GENERAL CONTRACTORS	74,311	21,869	3,291	99,471	-	99,471
BUILDING CONTRACTORS	9,473	223	372	10,068	12,434	22,502
ROAD CONTRACTORS	4	-	1,096	1,100	-	1,100
SPECIALIZED CONTRACTORS	962	1,829	-	2,791	-	2,791

TABLE C-31: FIXED ASSETS OF REPORTING ENTERPRISES BY TYPE AND MAIN CONSTRUCTION ACTIVITY
1998/1999(1991 E.F.Y)

(IN '000 BIRR)

MAIN CONSTRUCTION ACTIVITY	NUMBER OF ENTERPRISES	BUILDING AND OTHER CONST-RUCTION WORKS	MACHINERY, EQUIPMENT AND FURNITURE	VEHICLES	OTHERS	TOTAL
PUBLIC AND PRIVATE	472	3,990,105	737,827	156,434	29,181	4,913,547
GENERAL CONTRACTORS	138	90,570	431,428	123,598	15,512	661,108
BUILDING CONTRACTORS	318	3,165	25,999	26,956	1,894	58,014
ROAD CONTRACTORS	5	3,893,747	278,304	4,906	10,860	4,187,817
SPECIALIZED CONTRACTORS	11	2,623	2,096	974	915	6,608
PUBLIC	8	3,912,594	398,577	14,488	17,254	4,342,913
GENERAL CONTRACTORS	6	18,956	140,459	13,885	6,289	179,589
BUILDING CONTRACTORS	1	741	167	603	105	1,616
ROAD CONTRACTORS	1	3,892,897	257,951	-	10,860	4,161,708
SPECIALIZED CONTRACTORS	-	-	-	-	-	-
PRIVATE	464	77,511	339,250	141,946	11,927	570,634
GENERAL CONTRACTORS	132	71,614	290,969	109,713	9,223	481,519
BUILDING CONTRACTORS	317	2,424	25,832	26,353	1,789	56,398
ROAD CONTRACTORS	4	850	20,353	4,906	-	26,109
SPECIALIZED CONTRACTORS	11	2,623	2,096	974	915	6,608

TABLE C-32 FIXED ASSETS AND NEW CAPITAL EXPENDITURE OF REPORTING ENTERPRISES BY SIZE OF PERSONS ENGAGED AND MAIN CONSTRUCTION ACTIVITY
1998/1999(1991 E.F.Y)
(IN '000 BIRR)

MAIN CONSTRUCTION ACTIVITY	FIXED ASSETS BY SIZE OF PERSONS ENGAGED				NEW CAPITAL EXPENDITURE BY SIZE OF PERSONS ENGAGED			
	UPTO 19	20 - 49	50 & OVER	TOTAL	UPTO 19	20 - 49	50 & OVER	TOTAL
PUBLIC AND PRIVATE	6,415	14,152	4,892,979	4,913,546	1,314	2,818	521,593	525,725
GENERAL CONTRACTORS	2,346	6,438	652,324	661,108	580	1,226	106,557	108,363
BUILDING CONTRACTORS	3,956	7,188	46,870	58,014	714	1,252	20,977	22,943
ROAD CONTRACTORS	82	-	4,187,734	4,187,816	4	-	391,624	391,628
SPECIALIZED CONTRACTORS	31	526	6,051	6,608	16	340	2,435	2,791
PUBLIC	-	-	4,342,914	4,342,914	-	-	399,862	399,862
GENERAL CONTRACTORS	-	-	179,590	179,590	-	-	8,893	8,893
BUILDING CONTRACTORS	-	-	1,616	1,616	-	-	441	441
ROAD CONTRACTORS	-	-	4,161,708	4,161,708	-	-	390,528	390,528
SPECIALIZED CONTRACTORS	-	-	-	-	-	-	-	-
PRIVATE	6,415	14,152	550,065	570,632	1,314	2,818	121,731	125,863
GENERAL CONTRACTORS	2,346	6,438	472,734	481,518	580	1,226	97,664	99,470
BUILDING CONTRACTORS	3,956	7,188	45,254	56,398	714	1,252	20,536	22,502
ROAD CONTRACTORS	82	-	26,026	26,108	4	-	1,096	1,100
SPECIALIZED CONTRACTORS	31	526	6,051	6,608	16	340	2,435	2,791

TABLE C-33: FIXED ASSETS OF REPORTING ENTERPRISES BY SIZE OF CAPITAL AND MAIN CONSTRUCTION ACTIVITY
1998/1999(1991 E.F.Y)

(IN '000 BIRR)

MAIN CONSTRUCTION ACTIVITY	SIZE OF CAPITAL (IN MILLION BIRR)					
	UNDER 5	5 AND UNDER 10	10 AND UNDER 15	15 AND UNDER 20	20 AND OVER	TOTAL
PUBLIC AND PRIVATE	144,544	29,850	16,182	18,111	4,704,862	4,913,549
GENERAL CONTRACTORS	97,698	23,096	16,182	18,111	506,024	661,111
BUILDING CONTRACTORS	40,156	6,754	-	-	11,104	58,014
ROAD CONTRACTORS	82	-	-	-	4,187,734	4,187,816
SPECIALIZED CONTRACTORS	6,608	-	-	-	-	6,608
PUBLIC	1,616	-	9,121	-	4,332,178	4,342,915
GENERAL CONTRACTORS	-	-	9,121	-	170,470	179,591
BUILDING CONTRACTORS	1,616	-	-	-	-	1,616
ROAD CONTRACTORS	-	-	-	-	4,161,708	4,161,708
SPECIALIZED CONTRACTORS	-	-	-	-	-	-
PRIVATE	142,928	29,850	7,061	18,111	372,684	570,634
GENERAL CONTRACTORS	97,698	23,096	7,061	18,111	335,554	481,520
BUILDING CONTRACTORS	38,540	6,754	-	-	11,104	56,398
ROAD CONTRACTORS	82	-	-	-	26,026	26,108
SPECIALIZED CONTRACTORS	6,608	-	-	-	-	6,608

TABLE C-34: NEW CAPITAL EXPENDITURE OF REPORTING ENTERPRISES BY SIZE OF CAPITAL AND MAIN CONSTRUCTION ACTIVITY
1998/1999(1991 E.F.Y)

(IN '000 BIRR)

MAIN CONSTRUCTION ACTIVITY	SIZE OF CAPITAL (IN MILLION BIRR)					
	UNDER 5	5 AND UNDER 10	10 AND UNDER 15	15 AND UNDER 20	20 AND OVER	TOTAL
PUBLIC AND PRIVATE	35,098	10,093	1,279	3,780	475,476	525,726
GENERAL CONTRACTORS	26,287	5,599	1,279	3,780	71,418	108,363
BUILDING CONTRACTORS	6,015	4,494	-	-	12,434	22,943
ROAD CONTRACTORS	4	-	-	-	391,624	391,628
SPECIALIZED CONTRACTORS	2,792	-	-	-	-	2,792
PUBLIC	441	-	-	-	399,421	399,862
GENERAL CONTRACTORS	-	-	-	-	8,893	8,893
BUILDING CONTRACTORS	441	-	-	-	-	441
ROAD CONTRACTORS	-	-	-	-	390,528	390,528
SPECIALIZED CONTRACTORS	-	-	-	-	-	-
PRIVATE	34,657	10,093	1,279	3,780	76,055	125,864
GENERAL CONTRACTORS	26,287	5,599	1,279	3,780	62,525	99,470
BUILDING CONTRACTORS	5,574	4,494	-	-	12,434	22,502
ROAD CONTRACTORS	4	-	-	-	1,096	1,100
SPECIALIZED CONTRACTORS	2,792	-	-	-	-	2,792

TABLE C-35: VALUE OF NEW CONSTRUCTION INCLUDING EXTENSION AND CAPITAL REPAIR AND MAINTENANCE BY TYPE OF CONSTRUCTION WORK DONE AND REGION - PUBLIC AND PRIVATE
1998/1999(1991 E.F.Y)

(IN '000 BIRR)

TYPE OF CONSTRUCTION WORK DONE	REGION											TOTAL WORK DONE
	TIGRAY	AFAR	AMHARA	OROMIYA	SOMALIE	BENISHANG-UL/GUMUZ	S.N.N.P.*	GAMBELA	HARARI	ADDIS ABABA	DIRE DAWA	
RESIDENTIAL BUILDINGS.....	1,111	2,784	6,498	5,933	-	4,937	2,848	5,563	2,570	19,944	8	52,196
NON RESIDENTIAL BUILDINGS.....	94,349	35,058	51,243	115,963	8,887	22,095	81,552	15,318	6,251	324,639	3,008	758,363
Commercial Buildings.....	3,578	2,469	8,990	4,225	2,601	1,999	4,235	-	2,658	201,498	-	232,253
Industrial Buildings.....	3,780	-	20,626	5,396	-	-	6,427	-	739	37,128	-	74,096
Educational Buildings.....	22,259	19,606	11,144	58,406	1,479	9,804	38,787	9,522	1,099	25,982	579	198,667
Health Buildings.....	23,354	2,257	8,251	25,483	-	1,769	12,857	3,423	828	4,996	1,335	84,553
Other Non Residential Buildings	41,378	10,726	2,232	22,453	4,807	8,523	19,246	2,373	927	55,035	1,094	168,794
OTHER CONSTRUCTION WORK.....	119,600	32,912	86,289	254,947	23,981	8,096	119,302	16,516	4,322	51,063	6,531	723,559
Roads.....	89,375	22,767	43,762	119,169	22,273	7,829	114,445	13,140	-	13,562	5,993	452,315
Bridges.....	722	1,250	2,581	4,623	-	-	-	-	-	973	-	10,149
Air Fields.....	11,643	-	27,258	12,277	-	-	-	3,046	-	4,400	-	58,624
Dams.....	-	-	-	97,757	-	-	-	-	-	1,046	-	98,803
Pipe Lines.....	85	-	885	1,912	-	-	326	-	-	7,074	538	10,820
Others.....	17,775	8,895	11,803	19,209	1,708	267	4,531	330	4,322	24,008	-	92,848
WORK DONE AS SUB CONTRACTOR.....	-	465	-	34	-	-	102	136	18	2,133	-	2,888
WORK DONE BY SUB CONTRACTORS.....	24	1,160	5,423	10,139	-	225	6,117	-	-	125,255	152	148,495
TOTAL	215,084	72,379	149,453	387,016	32,868	35,353	209,921	37,533	13,161	523,034	9,699	1,685,501
%	12.76	4.29	8.87	22.96	1.95	2.10	12.45	2.23	.78	31.03	.58	100.00

* SOUTHERN NATIONS, NATIONALITIES AND PEOPLES REGION

** DUE TO ROUNDING DETAILS BY KILLIL MAY NOT EQUAL TO THAT OF REVENUE FROM NEW CONSTRUCTION AND CAPITAL REPAIR AS GIVEN IN TABLE C-24

TABLE C-36: VALUE OF NEW CONSTRUCTION INCLUDING EXTENSION AND CAPITAL REPAIR AND MAINTENANCE BY TYPE OF CONSTRUCTION WORK DONE AND REGION - PUBLIC
1998/1999(1991 E.F.Y)

(IN '000 BIRR)

TYPE OF CONSTRUCTION WORK DONE	REGION											TOTAL WORK DONE
	TIGRAY	AFAR	AMHARA	OROMIYA	SOMALIE	BENISHANG-UL/GUMUZ	S.N.N.P.*	GAMBELA	HARARI	ADDIS ABABA	DIRE DAWA	
RESIDENTIAL BUILDINGS.....	1,016	992	-	260	-	-	-	-	-	428	-	2,696
NON RESIDENTIAL BUILDINGS.....	1,108	2,983	-	15,752	-	-	19,410	-	-	3,138	-	42,391
Commercial Buildings.....	-	-	-	-	-	-	-	-	-	-	-	-
Industrial Buildings.....	-	-	-	1,816	-	-	-	-	-	131	-	1,947
Educational Buildings.....	1,108	1,845	-	13,936	-	-	17,022	-	-	-	-	33,911
Health Buildings.....	-	-	-	-	-	-	-	-	-	-	-	-
Other Non Residential Buildings	-	1,138	-	-	-	-	2,388	-	-	3,007	-	6,533
OTHER CONSTRUCTION WORK.....	35,420	12,864	38,342	45,494	23,488	-	59,061	16,186	-	9,519	1,724	242,098
Roads.....	9,054	11,227	8,989	11,149	22,273	-	59,061	13,140	-	3,853	1,724	140,470
Bridges.....	-	667	2,380	4,429	-	-	-	-	-	-	-	7,476
Air Fields.....	9,143	-	19,862	12,277	-	-	-	3,046	-	-	-	44,328
Dams.....	-	-	-	462	-	-	-	-	-	-	-	462
Pipe Lines.....	-	-	-	1,178	-	-	-	-	-	-	-	1,178
Others.....	17,223	970	7,111	15,999	1,215	-	-	-	-	5,666	-	48,184
WORK DONE AS SUB CONTRACTOR.....	-	465	-	-	-	-	-	-	-	-	-	465
WORK DONE BY SUB CONTRACTORS.....	-	-	-	1,799	-	-	827	-	-	6,490	-	9,116
TOTAL	37,544	17,304	38,342	63,305	23,488	-	79,298	16,186	-	19,575	1,724	296,766
%	12.65	5.83	12.92	21.33	7.91	-	26.72	5.45	-	6.60	.58	100.00

* SOUTHERN NATIONS, NATIONALITIES AND PEOPLES REGION

** DUE TO ROUNDING DETAILS BY KILLIL MAY NOT EQUAL TO THAT OF REVENUE FROM NEW CONSTRUCTION AND CAPITAL REPAIR AS GIVEN IN TABLE C-25

TABLE C-37: VALUE OF NEW CONSTRUCTION INCLUDING EXTENSION AND CAPITAL REPAIR AND MAINTENANCE BY TYPE OF CONSTRUCTION WORK DONE AND REGION - PRIVATE
1998/1999(1991 E.F.Y)

(IN '000 BIRR)

TYPE OF CONSTRUCTION WORK DONE	REGION											TOTAL WORK DONE
	TIGRAY	AFAR	AMHARA	OROMIYA	SOMALIE	BENISHANG-UL/GUMUZ	S.N.N.P.*	GAMBELA	HARARI	ADDIS ABABA	DIRE DAWA	
RESIDENTIAL BUILDINGS.....	95	1,792	6,498	5,673	-	4,937	2,848	5,563	2,570	19,516	8	49,500
NON RESIDENTIAL BUILDINGS.....	93,241	32,075	51,243	100,211	8,887	22,095	62,142	15,318	6,251	321,501	3,008	715,972
Commercial Buildings.....	3,578	2,469	8,990	4,225	2,601	1,999	4,235	-	2,658	201,498	-	232,253
Industrial Buildings.....	3,780	-	20,626	3,580	-	-	6,427	-	739	36,997	-	72,149
Educational Buildings.....	21,151	17,761	11,144	44,470	1,479	9,804	21,765	9,522	1,099	25,982	579	164,756
Health Buildings.....	23,354	2,257	8,251	25,483	-	1,769	12,857	3,423	828	4,996	1,335	84,553
Other Non Residential Buildings	41,378	9,588	2,232	22,453	4,807	8,523	16,858	2,373	927	52,028	1,094	162,261
OTHER CONSTRUCTION WORK.....	84,180	20,048	47,947	209,453	493	8,096	60,241	330	4,322	41,544	4,807	481,461
Roads.....	80,321	11,540	34,773	108,020	-	7,829	55,384	-	-	9,709	4,269	311,845
Bridges.....	722	583	201	194	-	-	-	-	-	973	-	2,673
Air Fields.....	2,500	-	7,396	-	-	-	-	-	-	4,400	-	14,296
Dams.....	-	-	-	97,295	-	-	-	-	-	1,046	-	98,341
Pipe Lines.....	85	-	885	734	-	-	326	-	-	7,074	538	9,642
Others.....	552	7,925	4,692	3,210	493	267	4,531	330	4,322	18,342	-	44,664
WORK DONE AS SUB CONTRACTOR.....	-	-	-	34	-	-	102	136	18	2,133	-	2,423
WORK DONE BY SUB CONTRACTORS.....	24	1,160	5,423	8,340	-	225	5,290	-	-	118,765	152	139,379
TOTAL	177,540	55,075	111,111	323,711	9,380	35,353	130,623	21,347	13,161	503,459	7,975	1,388,735
%	12.78	3.97	8.00	23.31	.68	2.55	9.41	1.54	.95	36.25	.57	100.00

* SOUTHERN NATIONS, NATIONALITIES AND PEOPLES REGION

** DUE TO ROUNDING DETAILS BY KILLIL MAY NOT EQUAL TO THAT OF REVENUE FROM NEW CONSTRUCTION AND CAPITAL REPAIR AS GIVEN IN TABLE C-26

TABLE C-38: INDICATORS OF CONSTRUCTION ACTIVITY BY TYPE OF OWNERSHIP AND MAIN CONSTRUCTION ACTIVITY
1998/1999(1991 E.F.Y)

MAIN CONSTRUCTION ACTIVITY	PERSONS ENGAGED					VALUE ADDED*				
	PUBLIC		PRIVATE		TOTAL NUMBER	PUBLIC		PRIVATE		TOTAL ('000 BIRR)
	NUMBER	%	NUMBER	%		('000 BIRR)	%	('000 BIRR)	%	
GENERAL CONTRACTORS	6,670	33.82	25,287	61.46	31,957	62,098	69.48	286,558	79.29	348,657
BUILDING CONTRACTORS	1,114	5.65	15,179	36.89	16,293	4,065	4.55	62,220	17.22	66,286
ROAD CONTRACTORS	11,939	60.53	337	.82	12,276	23,206	25.97	7,042	1.95	30,249
SPECIALIZED CONTRACTORS	-	-	339	.82	339	-	-	5,600	1.55	5,600
TOTAL	19,723	100.00	41,142	100.00	60,865	89,370	100.00	361,421	100.00	450,791

* IN THE NATIONAL ACCOUNT CONCEPT AT FACTOR COST

TABLE C-39: ANALYTICAL RATIOS ON CONTRACT CONSTRUCTION ACTIVITIES BY MAIN CONSTRUCTION ACTIVITY
1998/1999(1991 E.F.Y)

MAIN CONSTRUCTION ACTIVITY	GROSS CONSTRUCTION OUTPUT PER OPERATIVES	VALUE ADDED* PER OPERATIVES	RATIO OF IMPORTED TO TOTAL RAW MATERIALS**	PERCENTAGE DISTRIBUTION OF VALUE ADDED	RATIO OF ENERGY CONSUMED TO TOTAL DIRECT CONSTRUCTION EXPENSES	RATIO OF VALUE ADDED* TO GROSS VALUE OF CONSTRUCTION OUTPUT
PUBLIC AND PRIVATE	33,338	8,612	.21	100.00	.07	.26
GENERAL CONTRACTORS	45,031	12,631	.20	77.34	.09	.28
BUILDING CONTRACTORS	22,736	4,510	.14	14.70	.02	.20
ROAD CONTRACTORS	15,200	3,090	.60	6.71	.11	.20
SPECIALIZED CONTRACTORS	75,637	22,311	.72	1.24	.02	.29
PUBLIC	21,366	5,848	.34	19.83	.15	.27
GENERAL CONTRACTORS	36,342	12,822	.15	13.78	.22	.35
BUILDING CONTRACTORS	17,479	4,371	.03	.90	.09	.25
ROAD CONTRACTORS	14,118	2,441	.63	5.15	.09	.17
SPECIALIZED CONTRACTORS	-	-	-	-	-	-
PRIVATE	38,274	9,752	.19	80.17	.06	.25
GENERAL CONTRACTORS	46,880	12,590	.20	63.57	.07	.27
BUILDING CONTRACTORS	23,092	4,519	.14	13.80	.01	.20
ROAD CONTRACTORS	51,665	24,973	.01	1.56	.36	.48
SPECIALIZED CONTRACTORS	75,637	22,311	.72	1.24	.02	.29

* IN THE NATIONAL ACCOUNT CONCEPT AT FACTOR COST

** ONLY THOSE ENTERPRISES REPORTED THEIR RAW MATERIALS CONSUMED CLASSIFIED BY LOCAL AND IMPORTED

NOT FOR PUBLICATION
FOR STATISTICAL USE ONLY

FOR OFFICE USE ONLY

NAME OF ENTERPRISE _____

FORM NO. 1/1943

BY _____
SYSTEM NO. _____

ANNEX: SURVEY QUESTIONNAIRE

ANNUAL SURVEY OF CONSTRUCTION ACTIVITY

[19...]

ADDIS ABABA
DECEMBER 1999

SURVEY OF CONSTRUCTION INDUSTRY

PART 1. AREA IDENTIFICATION

ADDRESS OF THE ENTERPRISE

CONFIDENTIAL
FOR STATISTICAL USE ONLY

FOR OFFICE USE ONLY

NAME OF ENTERPRISE _____

FORM C.I (YEAR) _____
ISIC _____
ENTERP. SR. NO. _____

THE FEDERAL DEMOCRATIC REPUBLIC OF ETHIOPIA
CENTRAL STATISTICAL AUTHORITY

ANNUAL SURVEY OF CONSTRUCTION ACTIVITY

(19....)

ADDIS ABABA
DECEMBER 1999

SURVEY OF CONSTRUCTION INDUSTRY

PART 1- AREA IDENTIFICATION

1.1 ADDRESS OF THE ENTERPRISE

1	2	3	4	5	6	7	8
KILLIL	ZONE	WEREDA	TOWN	HIGHER	KEBELE	HOUSE NO.	QUEST. C. I.

9	10	11	12
ISIC NO. (FOR OFFICE USE)	REGISTERED NAME OF ENTERPRISE/OWNER	SR.NO.OF ESTAB. (For Office)	TELEPHONE NO.
P.O.BOX NO.			

1.2*. NAME(S) & ADDRESS(ES) OF ESTABLISHMENTS INCLUDED UNDER THE ENTERPRISE.

<u>NAME</u>	<u>ADDRESS</u>			<u>ACTIVITY</u>	<u>VALUE OF CONSTRUCTION OUT PUT (IN BIRR)</u>
	Killil	ZONE	CITY		
1.2.1					
1.2.2					
1.2.3					
1.2.4					
1.2.5					
1.2.6					
1.2.7					
1.2.8					
1.2.9					

* IF THE THE PROJECTS ARE MORE THAN NINE PLEASE USE ADDITIONAL PAPER

PART 2 - BASIC INFORMATION ABOUT THE ENTERPRISE

2.1 MAJOR CONSTRUCTION ACTIVITY

- BUILDING CONTRACTOR = 1
- GENERAL CONTRACTOR = 2
- ROAD CONTRACTOR = 3
- SPECIAL CONTRACTOR = 4
- OTHER(SPECIFY) = 5

2.1 1

2.2 DATE OF COMMENCEMENT OF OPERATION (IN ETHIOPIAN CALENDAR YEAR)

2.2 2

2.3 DO YOU KEEP BOOKS OF ACCOUNTS? YES = 1 NO = 2 (IF YES ATTACH DETAILED STATEMENT OF ACCOUNTS)

2.3 3

2.4 IF THE ANSWER IS YES TO 2.3 STATE ACCORDING TO WHICH

CALENDAR YEAR YOUR ACCOUNTS AND BOOKS ARE BEING KEPT

- ETHIOPIAN FISCAL YEAR ----- (YEAR ENDING JULY 7) = 1
- ETHIOPIAN CALENDAR YEAR (YEAR ENDING SEPT. 10) = 2
- GREGORIAN CALENDAR YEAR (YEAR ENDING DEC. 31) = 3
- OTHERS (SPECIFY) _____ = 4

2.4 4

2.5 TYPE OF OWNERSHIP

- GOVERNMENT 1
- INDIVIDUAL PROPRIETOR 2
- PARTNERSHIP 3
- SHARE COMPANY 4
- PRIVATE LIMITED COMPANY 5
- OTHER (SPECIFY) 6

2.5 5

2.6 PAID-UP CAPITAL BY OWNERSHIP AND SEX

- 1. PRIVATE ETHIOPIAN MALE BIRR _____
- 2. PRIVATE ETHIOPIAN FEMALE BIRR _____
- 3. PRIVATE NON-ETHIOPIAN BIRR _____
- 4. PUBLIC BIRR _____
- 5. OTHERS (SPECIFY) BIRR _____
- 6. TOTAL BIRR _____

2.6

6

1.

7

2.

8

3.

9

4.

10

5.

11

6.

2.7 WHAT ARE THE THREE MAJOR PROBLEMS THAT ARE FACING THE ENTERPRISE AT PRESENT

- SHORTAGE OF RAW MATERIALS =1
- SHORTAGE OF SPARE PARTS =2
- UNABLE TO COMPETE THE MARKET =3
- UNABLE TO GET PROJECTS =4
- LACK OF WORKING CAPITAL =5
- INCONVENIENT WORKING PLACE =6
- PROBLEMS WITH WORKERS =7
- GOVERNMENT RULES & REGULATIONS =8
- NO PROBLEM FACED =9
- OTHERS (SPECIFY) _____ =10

2.7

12

13

14

3.2 NUMBER OF PERSONS ENGAGED AT PEAK PERIOD IN 19_____

TOTAL NUMBER OF PERSONS	
Sr. No.	ENGAGED DURING A SINGLE (PREFERABLY PEAK) PERIOD
1	2
1	

3.3 WAGES AND SALARIES PAID AND OTHER EMPLOYEES BENEFITS IN 19_____

SR. NO.	GENERAL OCCUPATION	GROSS ANNUAL WAGES AND SALARIES PAID			OTHER EMPLOYEES BENEFITS	EMPLOYERS' CONTRIBUTION TO PENSION & OTHER SOCIAL SECURITY SCHEMES
		MALE	FEMALE	TOTAL		
1	2	3	4	5	6	7
1	Operatives					
2	Other Employees					
3	TOTAL					

5

PART 4 TOTAL VALUE OF CONSTRUCTION OUTPUT AND OTHER INCOME.

4.1 NEW CONSTRUCTION AND CAPITAL REPAIR IN 19_____

SR. NO.	TYPE OF CONSTRUCTION WORK DONE	COD NO.	VALUE OF CONSTRUCTION PUT IN PLACE		TOTAL VALUE OF CONSTRUCTION OUTPUT
			BEGINNING OF THE YEAR	END OF THE YEAR	(END Y. - BEG. Y.) (5 - 4)
1	2	3	4	5	6
0 1	1. RESIDENTIAL BUILDINGS				
0 2	2. NON RESIDENTIAL BUILDINGS				
0 3	2.1 Commercial Buildings				
0 4	2.2 Industrial Buildings				
0 5	2.3 Educational Buildings				
0 6	2.4 Health Buildings				
0 7	2.5 Others				
0 8	3. OTHER CONSTRUCTION WORKS				
0 9	3.1 Roads				
1 0	3.2 Bridges				
1 1	3.3 Air Fields				
1 2	3.4 Dams				
1 3	3.5 Pipe Lines				
1 4	3.6 Others				
1 5	4. WORK DONE AS SUB CONTRACTOR				
1 6	5. WORK DONE BY SUB CONTRACTOR				
1 7	TOTAL				

NOTE :- 1) SERIAL NOUMBER 1-14 INCLUDES ONLY CONSTRUCTION WORKS DONE BY THE ENTERPRISE WORKRS
2) SERIAL NOUMBER 1-16 INCLUDES ALL CONSTRUCTION WORKS USE FOR THE ENTERPRISE

SR. NO.	TYPE OF MAINTENANCE AND REPAIR WORK DONE	COD NO.	VALUE OF REPAIR & MAINTENANCE WORK DONE		TOTAL VALUE OF REPAIR & MAINTENANCE
			BEGINNING OF THE YEAR	END OF THE YEAR	(END Y. - BEG. Y.) (5 - 4)
1	2	3	4	5	6
0 1	I. CAPITAL REPAIR (Including restoration & Conversions)				
0 2	1 RESIDENTIAL BUILDINGS				
0 3	2 NON RESIDENTIAL BUILDINGS				
0 4	2.1 Commercial Buildings				
0 5	2.2 Industrial Buildings				
0 6	2.3 Educational Buildings				
0 7	2.4 Health Buildings				
0 8	2.5 Others				
0 9	3 OTHER CONSTRUCTION WORKS				
1 0	3.1 Roads				
1 1	3.2 Bridges				
1 2	3.3 Air Fields				
1 3	3.4 Dams				
1 4	3.5 Pipe Lines				
1 5	3.6 Others				
1 6	4. WORK DONE AS SUB CONTRACTOR				
1 7	5. WORK DONE BY SUB CONTRACTOR				
1 8	II. CURRENT REPAIR & MAINTENANCE				
1 9	1 Residential Buildings				
2 0	2 Non Residential Buildings				
2 1	3 Other Construction Works				
2 2	4 Work Done as Subcontractor				
2 3	5 Work Done by Subcontractor				
2 4	TOTAL				

NOTE :- 1) SERIAL NOUMBER 1-21 INCLUDES ONLY REPAIRE AND MAINTENANCE CONSTRUCTION WORKS DONE BY THE ENTERPRISE WORKERS
 2) SERIAL NOUMBER 1-23 INCLUDES ALL REPAIR AND MAINTENANCE CONSTRUCTION WORKS USE FOR THE ENTERPRISE

7

4.3 TOTAL VALUE OF CONSTRUCTION OUTPUT BY KILLIL IN (' 000 BIRR) 19

8

KILLILS		1	2	3	4	5	6	7	12	13	14	15	TOTAL OF WORK DONE BY TYPE	
SR. NO.	TYPE OF CONSTRUCTION WORK DONE	CODE NO.	TIGRAY	AFAR	AMHARA	OROMYA	SOMALI	BENISHANGUL GUMUZ	SOUTHERN ETHIOPIA	GAMBELLA	HARARI	ADDIS ABABA	DIRE DAWA	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
0 1	1. RESIDENTIAL BUILDINGS													
0 2	2. NON RESIDENTIAL BUILDINGS													
0 3	2.1 Commercial Buildings													
0 4	2.2 Industrial Buildings													
0 5	2.3 Educational Buildings													
0 6	2.4 Health Buildings													
0 7	2.5 Others													
0 8	3. OTHER CONSTRUCTION WORKS													
0 9	3.1 Roads													
1 0	3.2 Bridges													
1 1	3.3 Air Fields													
1 2	3.4 Dams													
1 3	3.5 Pipe Lines													
1 4	3.6 Others													
1 5	4 WORK DONE AS SUB CONTRACTOR													
1 6	5 WORK DONE BY SUB CONTRACTOR													
1 7	TOTAL													

NOTE :- 1) SERIAL NUMBER 1-14 INCLUDES ONLY CONSTRUCTION WORKS DONE BY THE ENTERPRISE WORKERS
 2) SERIAL NUMBER 1-16 INCLUDES ALL CONSTRUCTION WORKS USE FOR THE ENTERPRISE
 3) IF THERE IS INTER REGIONAL ROAD CONSTRUCTION BETWEEN TWO REGIONS ESTIMATE THE CONSTRUCTION OUT PUT SAHRE OF THE OTHER REGION

4.4 NEW CONSTRUCTION CONTRACTS AND CANCELED CONTRACTS IN 19_____

SR. NO.	TYPE OF CONSTRUCTION WORK DONE	COD NO.	VALUE OF NEW CONTRACTS	VALUE OF CANCELED CONTRACTS
1	2	3	4	5
0 1	1. RESIDENTIAL BUILDINGS			
0 2	2. NON RESIDENTIAL BUILDINGS			
0 3	2.1 Commercial Buildings			
0 4	2.2 Industrial Buildings			
0 5	2.3 Educational Buildings			
0 6	2.4 Health Buildings			
0 7	2.5 Others			
0 8	3. OTHER CONSTRUCTION WORKS			
0 9	3.1 Roads			
1 0	3.2 Bridges			
1 1	3.3 Air Fields			
1 2	3.4 Dams			
1 3	3.5 Pipe Lines			
1 4	3.6 Others			
1 5	4. WORK DONE AS SUB CONTRACTOR			
1 6	5. WORK DONE BY SUB CONTRACTOR			
1 7	TOTAL			

4.5 INCOME FROM SERVICE AND OTHER INCOME IN 19_____

S N	RECEIPTS FROM RENTING CONSTRUCTION OR DEMOLITION EQUIPMENT	RECEIPTS OF GOODS SOLD IN THE SAME CONDITION AS RECEIVED	RECEIPTS FROM PROFESSIONAL SERVICES (Architect, Engineering etc)	INTEREST RECEIVED	value of construction out put (labour cont.)	SUBSIDIES	OTHER RECEIPTS AND SERVICES	TOTAL
	2	3	4	5	6	7	8	9
1								
1								

PART 5 COST OF RAW MATERIALS CONSUMED AND OTHER EXPENSES IN 19_____

5.1 VALUE AND QUANTITY OF RAW MATERIALS PARTS AND CONTAINERS USED IN 19_____

SR. NO.	DESCRIPTION OF RAW MATERIALS AND COMPONENTS USED	UNIT OF MEAS	RAW MATERIAL CODE	UM CODE	LOCAL		IMPORTED		TOTAL	
					QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
1	2	3	4	5	6	7	8	9	10=(6+8)	11=(7+9)
0 1										
0 2										
0 3										
0 4										
0 5										
0 6										
0 7										
0 8										
0 9										
1 0										
1 1										
1 2										
1 3										
1 4										
1 5										
1 6										
1 7	OTHERS									
1 8	TOTAL									

Note:- Transportation cost, taxes paid on raw material and different expenses should be included.

5.2 VALUE OF OTHER DIRECT INPUTS OF CONSTRUCTION (IN BIRR) IN 19_____

SR. NO.	PAYMENTS TO SUBCONTRACTORS	COST OF FUEL AND LUBRICATING OIL	COST OF ELECTRICITY	COST OF WATER	COST OF REPAIR & MAINTENANCE FOR THE ENTERPRISE'S MACHINERY AND EQUIPMENT	COST OF HIRING BUILDINGS MACHINERY AND EQUIPMENT	COST OF GOODS SOLD IN THE SAME CONDITION AS RECEIVED	COST OF OTHER SERVICES RENDERED BY OTHERS	TOTAL
1	2	3	4	5	6	7	8	9	10
1									

* fuel expenses for transport should be included here

5.3 OTHER EXPENSES FOR NON CONSTRUCTION SERVICES (IN BIRR) IN 1987 E.F.Y.

SR. NO.	PROFESSIONAL SERVICES (Architect, Engineering, etc.)	LICENSE FEE	INTEREST	BANK CHARGE	STATIONERY POSTAL SERVICES TELEPHONE ETC.	TRANSPORT COST	INSURANCE PREMIUM	OTHER COSTS	TOTAL
1	2	3	4	5	6	7	8	9	10=(1+...+9)
1									

11

5.4 TAXES PAID (IN BIRR) IN 19_____

SR. NO.	TAXES PAID ON CONSTRUCTION ACTIVITIES	INCOME TAXES PAID ON PROFIT	TOTAL
1	2	3	4 = 2 + 3
1			

PART 6 VALUE OF STOCK AT THE BEGINNING AND END OF THE YEAR (IN BIRR) IN 19 _____

SR. NO.	STOCKS OF	BEGINNING OF THE YEAR	END OF THE YEAR	DIFFERENCE (END Y. - BEG. Y.)
1	2	3	4	5 = (4 - 3)
1	RAW MATERIALS, SUPPLIES AND COMPONENTS			

PART 7 INCOME LESS EXPENDITURE IN 19 _____

SR. NO.	PROFIT (NET SURPLUS) (LOSS) BEFORE PROFIT (INCOME) TAX
1	2
1	

PART 8 FIXED ASSETS, INVESTMENT AND CAPACITY IN 19_____

8.1 FIXED ASSETS AND INVESTMENT (FOR ENTERPRISES WITH BOOKS OF ACCOUNTS) IN 19_____

SR. NO.	TYPE OF FIXED ASSETS	BEGINNING OF THE YEAR	INVESTMENT DURING THE YEAR	SOLD AND DISPOSED DURING THE YEAR	DEPRECIATION DURING THE YEAR	BOOK VALUE END OF THE YEAR
1	2	3	4	5	6	7={{(3+4) - (5+6)}}
1	BUILDINGS & OTHER CONSTRUCTION WORKS					
2	MACHINERY & OTHER EQUIPMENT					
3	TRANSPORT EQUIPMENT					
4	OTHERS					
5	TOTAL					

13

8.2 FIXED ASSETS AND INVESTMENT (FOR ENTERPRISES WITHOUT BOOKS OF ACCOUNTS) IN 19_____

SR. NO	TYPE OF FIXED ASSETS	VALUE OF FIXED ASSETS	AGE OF FIXED ASSET	INVESTMENT ON FIXED ASSETS AND CAPITAL REPAIR	SOLD AND DISPOSED
1	2	3	4	5	6
1	BUILDINGS & OTHER CONSTRUCTION WORKS				
2	MACHINERY & OTHER EQUIPMENT *				
3	TRANSPORT EQUIPMENT				
4	OTHERS				
5	TOTAL				

8.3 ANNUAL INVESTMENT BY TYPE AND SOURCE

SIR No	SOURCE OF FINANCING	TYPE OF INVESTMENT											
		FIXED ASSETS						WORKING CAPITAL					
1	2	3						4					
1	TOTAL DOMESTIC SOURCE												
2	OWN FUND												
3	BANK LOAN												
4	OTHERS												
5	FOREIGN SOURCE												
6	GRAND TOTAL												

ITEM 9 - REMARKS

15

ITEM 10 - NAME OF PERSON TO CONTACT REGARDING THIS REPORT

I CERTIFY THAT THE PRECEDING INFORMATION IS COMPLETE AND CORRECT TO THE BEST OF MY KNOWLEDGE.

NAME _____

TITLE _____

SIGNATURE _____

TEL. NO. _____

DATE _____

OFFICIAL SEAL _____

ITEM 11 - NAME OF ENUMERATOR AND SUPERVISOR

NAME OF ENUMERATOR _____

SIGNATURE _____

DATE _____

NAME OF SUPERVISOR _____

SIGNATURE _____

DATE _____

HEAD OF STATISTICS

(BRANCH OFF.) _____

SIGNATURE _____

DATE _____