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**THE FEDERAL DEMOCRATIC REPUBLIC OF  
ETHIOPIA  
CENTRAL STATISTICAL AUTHORITY**

**REPORT ON CONTRACT CONSTRUCTION  
ACTIVITIES SURVEY**

**MARCH 1999**

**ADDIS ABABA  
NOV. 1999**

**THE FEDERAL DEMOCRATIC REPUBLIC OF  
ETHIOPIA  
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### 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 first annual official publication of statistics on construction enterprises, for the year 1997/98 (1990 E.F.Y.), which were obtained from the annual sample survey of “construction industry proper,” conducted by the Central Statistical Authority (CSA). However, 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 1727 enterprises out of which eight of them were publicly owned. However, for various reasons only 514 private and public enterprises were found to be operational and covered in the 1990 E.F.Y. contract construction activities census. The rest of 1213 list of private enterprises were not included in the census due to the following reasons:

- a. 420 enterprises were reported not totally operational because of being unable to get projects in the reference period.
- b. 720 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. 41 enterprises officially returned their licenses during the reference period.
- d. 15 enterprises were not found to be construction contractors according to the definition given in this section of the report.
- e. 17 enterprises were very small in size and unwilling to give data.

## 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.

(xxxii) **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.

- (xxxiii) **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.
- (xxxiv) **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.
- (xxxv) **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 114 enumerators (60 from Region 14 and 54 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. Twenty two 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.

difficult for the respondents to take specific small samples in their factories as  
requested by the Trade and Industry Bureau of the Registrar. The data were  
collected from the respondents in their factories. The data were  
collected from the respondents in their factories.

Data Processing  
The data were processed by the respondents in their factories. The data were  
collected from the respondents in their factories.

Reliability, Validity and Accuracy  
A number of quality control steps were taken to ensure the quality of data of the  
survey. The first step taken in this direction was to prepare questionnaires both in  
Arabic 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, numerous mistakes 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 field  
office a final editing, coding and verification was performed. The editing and the  
manual editing and verification activity was performed by six experienced and qualified  
inspectors and ten editors. Finally, the edited and coded questionnaires were checked and  
verified by five other senior statisticians.

Data Entry, Cleaning and Formatting  
The data were entered and verified in personal computer using SPSS (Statistical  
Package for Social Sciences) software. Twenty two data entry operators were  
utilized for this purpose for a period of one year with close supervision of the activities by  
two statisticians. The entered data was then checked and cleaned using the data  
specification prepared earlier for this purpose. Finally, the tabulations and base rates for  
some software by one programmer with technical assistance given by the staff of the  
Industry, Commerce and Mining Statistics Department were prepared in the following

tabulations:  
1. Total number of employees in the manufacturing sector by industrial sector and  
by type of establishment.  
2. Total number of employees in the manufacturing sector by industrial sector and  
by type of establishment.  
3. Total number of employees in the manufacturing sector by industrial sector and  
by type of establishment.  
4. Total number of employees in the manufacturing sector by industrial sector and  
by type of establishment.  
5. Total number of employees in the manufacturing sector by industrial sector and  
by type of establishment.  
6. Total number of employees in the manufacturing sector by industrial sector and  
by type of establishment.  
7. Total number of employees in the manufacturing sector by industrial sector and  
by type of establishment.  
8. Total number of employees in the manufacturing sector by industrial sector and  
by type of establishment.  
9. Total number of employees in the manufacturing sector by industrial sector and  
by type of establishment.  
10. Total number of employees in the manufacturing sector by industrial sector and  
by type of establishment.

## 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 indicate that the leading main contract construction activities the building contractors took the largest share in the number of total enterprises. However, in terms of paid-up capital, though, the road contractors are small in number, their contribution was significantly higher than the other main construction activities. It is also evident from the above Tables that, from the total active contract construction enterprises during the reference period the number of private contractors were 509 (98 percent) out of which 425 were individually owned. One to five out of the total eight

## PART III

### REVIEW OF SELECTED SURVEY RESULTS

The data in Table C-4 indicates the operational problem faced by contract construction enterprises at the survey period. As indicated, the first major problem for private enterprises were being unable to get construction projects followed by shortage of working capital which were reported by about 72 and 19 percent, respectively. On the other hand, for public enterprises shortage of supply of spare parts and raw materials (78 percent) followed by shortage of capital (23 percent) were the major difficulties faced during the reference period.

Tables C5 - C11 give a detailed information about persons engaged and wages and salaries in the contract construction activities by main construction activities and occupational groups. It shows that there were 66,319 people engaged out of which 60,738 employees in contract construction activities in 1990 A.F.Y. In some parts of the year i.e. in the peak period the number of persons engaged in contract construction activities

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 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 506 (98 percent) out of which 426 were individually owned. Due to the fact that five 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 two percent, their share in paid-up capital were found highly significant (61 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 working capital which were reported by about 22 and 19 percent, respectively. On the other hand, for public enterprises shortage of supply of spare parts and raw materials (38 percent) followed by shortage of capital (25 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 66,619 people engaged out of which 66,338 employees in contract construction activities in 1990.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 91,116 (see Table C-6). As indicated in the same Table the private contractors lead the activity in terms of number of persons engaged (62 percent), though, their paid-up capital is significantly small as compared to that of publicly owned contract construction activities in 1990 E.F.Y. In terms of occupational group the operatives occupational group took 85 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 489 enterprises from the total 514 enterprises were with a capital under 5 million Birr and these enterprises had 27,207 number of persons engaged from the total 66,619 in 1990 E.F.Y.

The data given in Tables C-12 to C-19 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-12 and C-13).

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-15 to C-18).

Value of new construction including extension and capital repair and maintenance by type of construction work done is shown in Tables C-20 to C-22. 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 77 percent, out of which roads had about 59 percent contribution in the reference period.

Tables C-25 to C-30 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 4.7 billion Birr fixed assets which was about 87 percent.

The big share of new capital expenditure (investment) in fixed assets in 1990 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-25).

As the results in Tables C-28 to C-30 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 31 to 33. 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 852.3, 383.5, 278.2 and 214.1 million Birr contract construction work done, respectively in 1990 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-34. 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 57.75 and 76.58 percent, while that of the public road contract construction activities took 62.99 and 57.73 percent, respectively.

Various analytical ratios on contract construction activities is presented in Table C-35. 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 39,462 and 9,683, respectively in 1990 E.F.Y. For gross construction output per operatives, the intra-major construction activities distribution ranged from Birr 20,873 in building contractors to Birr 88,500 in specialized contractors. In value added per operatives the lowest value was found to be Birr 4,766 in building contractors and the highest Birr 20,878 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 24 percent. However, the ratio was significantly higher for road and specialized contract construction activities compared to that of the total average, which were 63 and 87 percent, respectively (for details see Table C-35).

The ratio of energy consumed to total direct construction expenses on average for both private and public contract construction activities was less than 5 percent in 1990 E.F.Y. as given in Table C-35. The same Table indicated that, the over all average ratio of value added to gross value of construction output was 25 percent for contract construction activities.

Fig I GROSS VALUE OF CONSTRUCTION OUTPUT BY OWNERSHIP

1997/98(1990 E.F.Y)

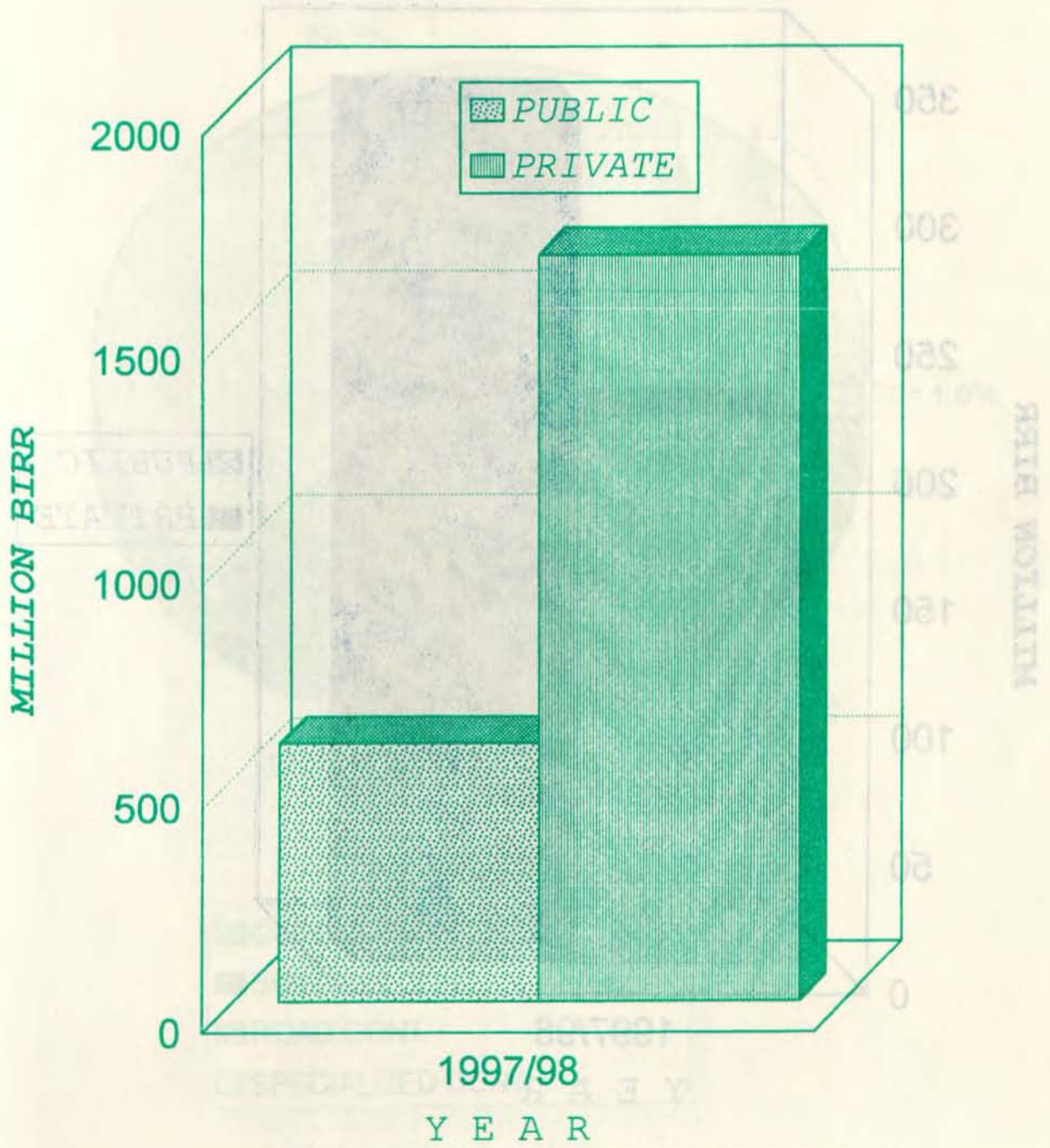
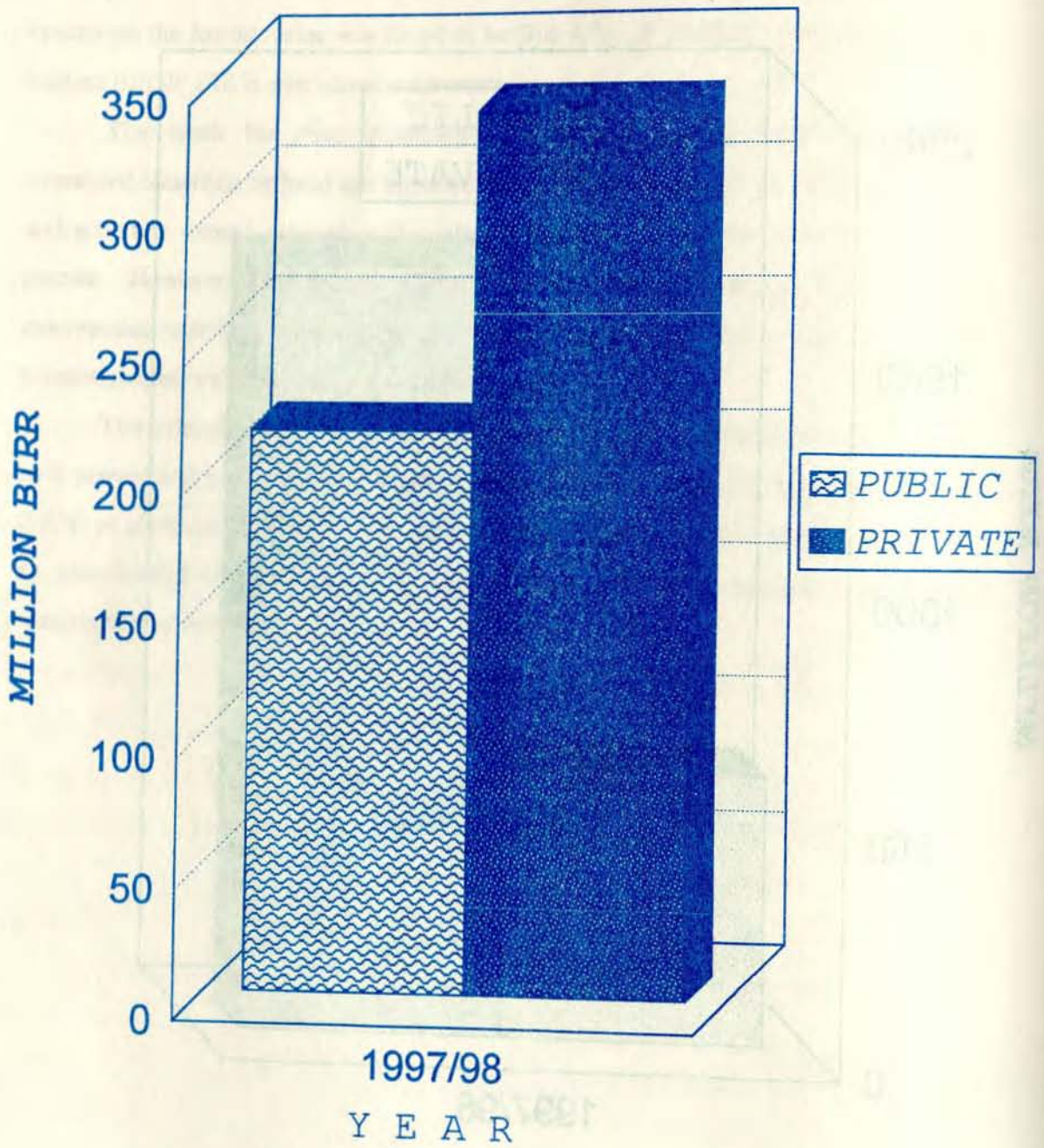


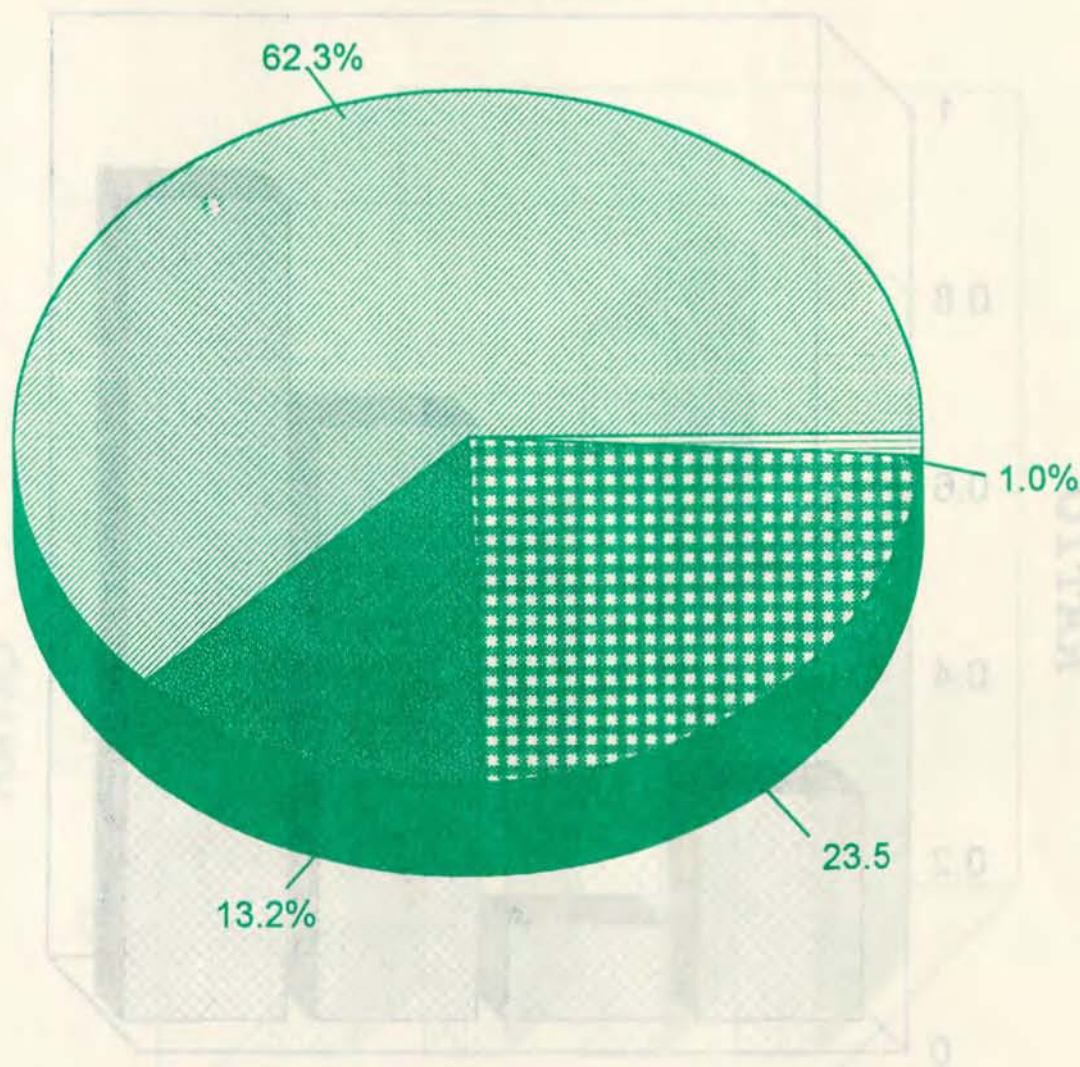
Fig II VALUE ADDED\* BY OWNERSHIP  
1997/98(1990 E.F.Y)







\* IN THE NATIONAL ACCOUNT CONCEPT AT FACTOR COST

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

1997/98(1990 E.F.Y)



-  GENERAL CONT.
-  BUILDING CONT.
-  ROAD CONT.
-  SPECIALIZED CONT.

\* IN NATIONAL ACCOUNT CONCEPT AT FACTOR COST

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

1997/98 (1990 E.F.Y)

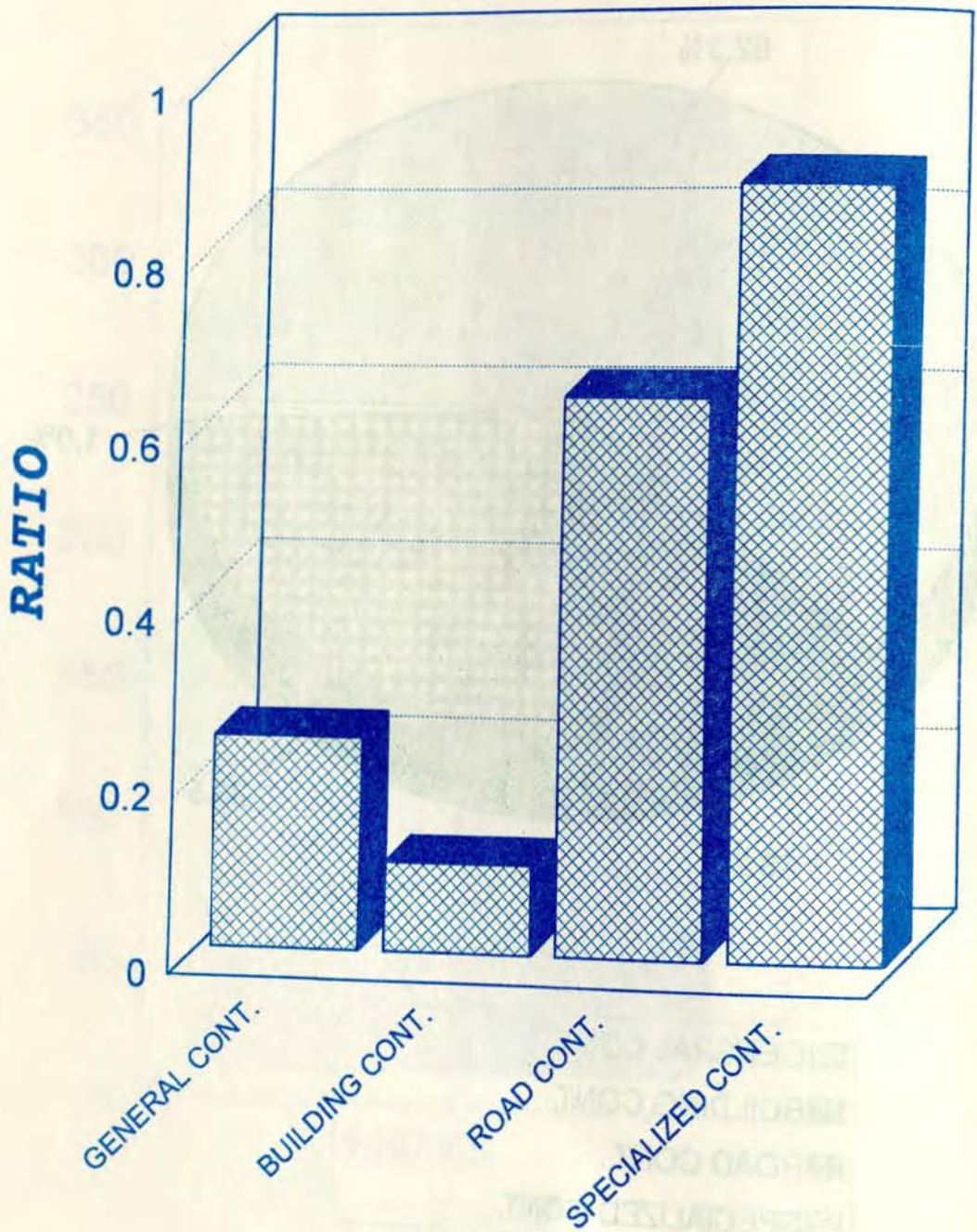
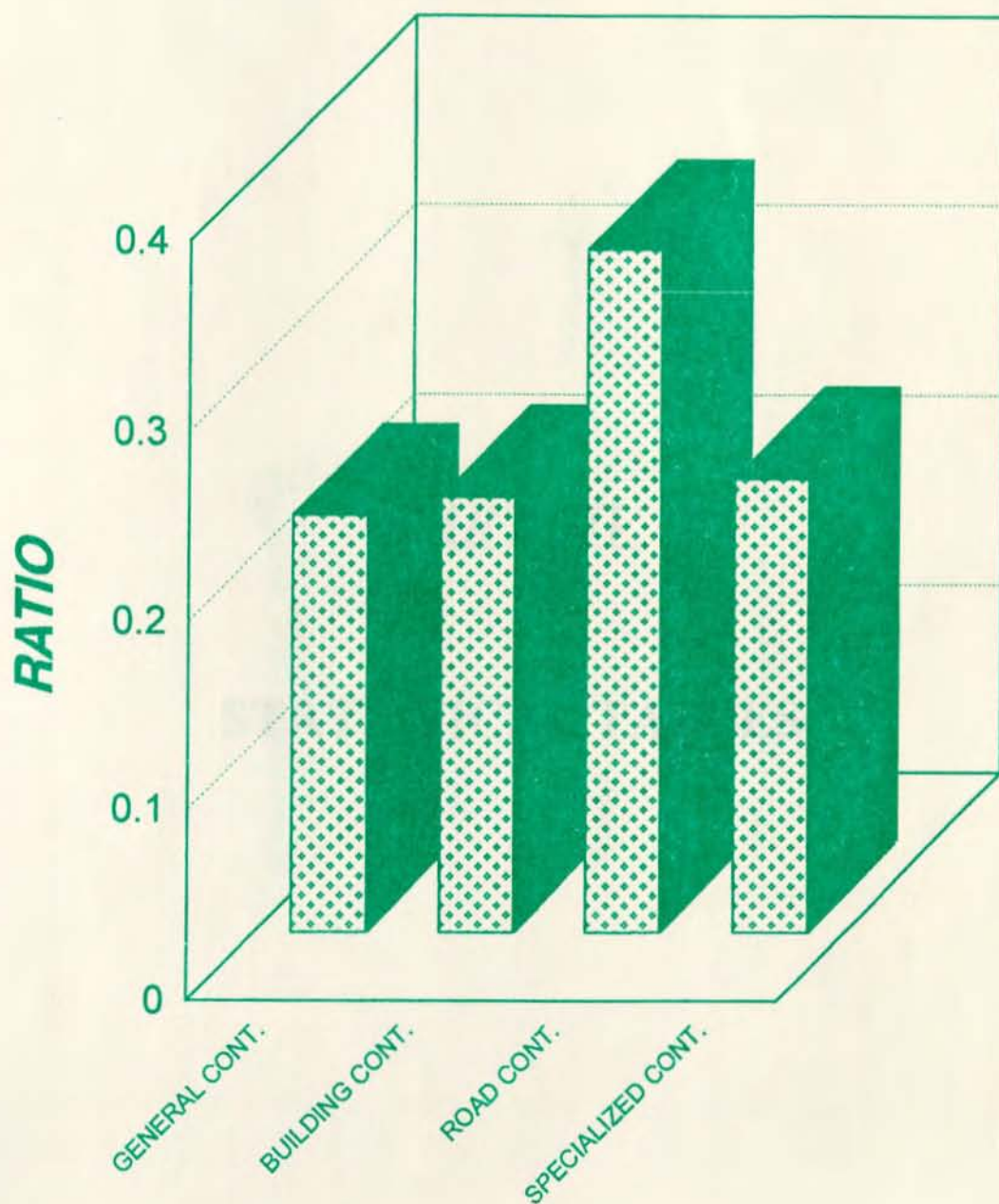


FIG V RATIO OF VALUE ADDED\* TO GROSS VALUE OF CONSTRUCTION OUTPUT BY MAIN CONSTRUCTION ACTIVITIES - PUBLIC AND PRIVATE

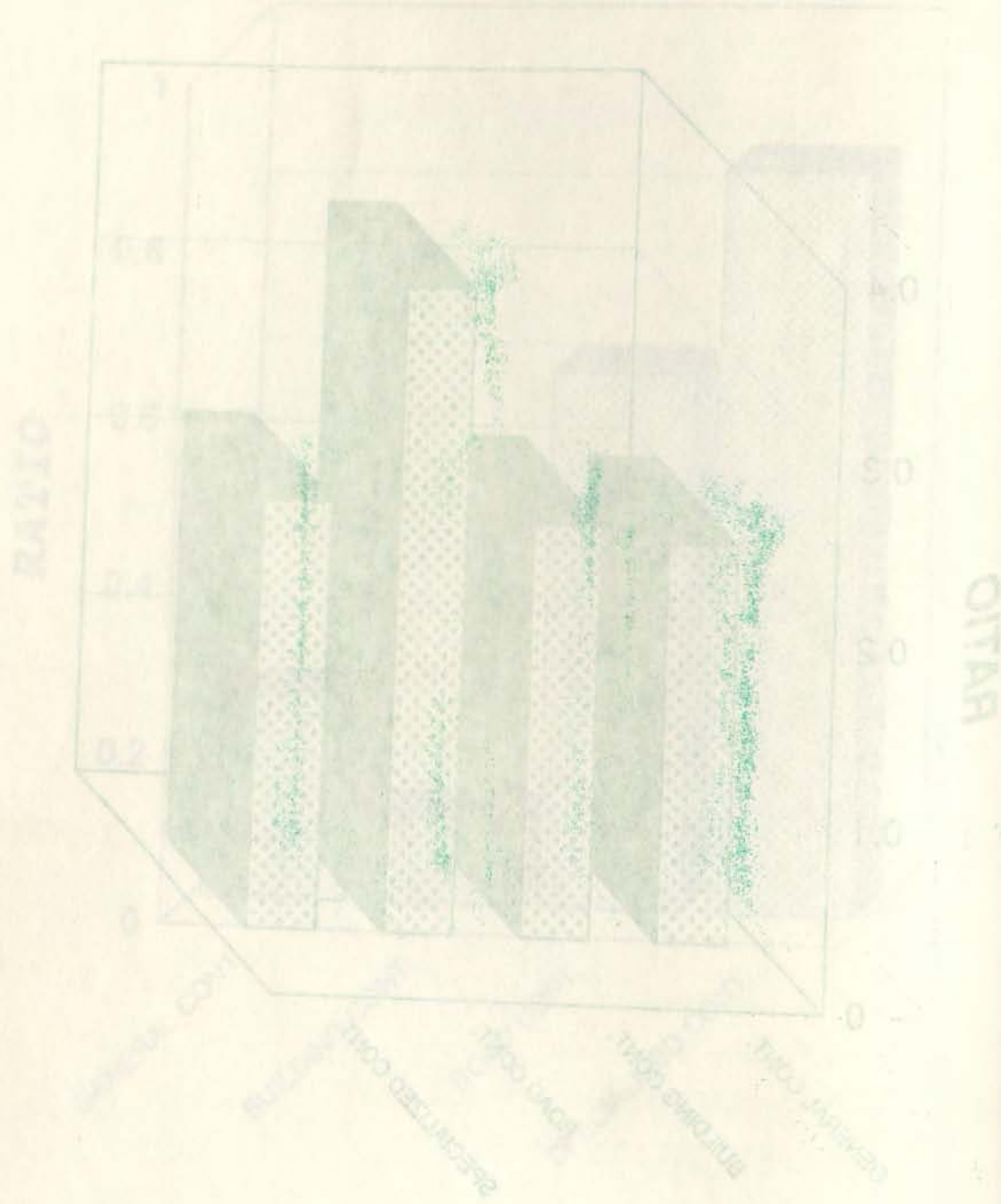
1997/98 (1990 E . F . Y.)



\* IN NATIONAL ACCOUNT CONCEPT AT FACTOR COST

FIG. 5. RATIO OF VALUE ADDED TO GROSS VALUE OF CONSTRUCTION OUTPUT BY MAIN CONSTRUCTION ACTIVITIES - PUBLIC AND PRIVATE

1987/88 (1990 E. F. Y.)



1. NATIONAL ACCOUNT CONCEPT AT FACTOR COST

TABLE 2.11. PAID UP CAPITAL OF REGISTERED INVESTORS IN FORMS OF SECURITIES AND WITH CONTRACTS IN ACTIVELY REGISTERED ISSUES (P. 2.1)

TYPE OF INVESTMENT ACTIVITY	NO. OF INVESTORS		AMOUNT INVESTED (IN \$100,000)				TOTAL
	INDIVIDUAL	CORPORATE	PAID UP	PAID UP	PAID UP	PAID UP	
SECURITIES	2	20	12,000	10,000	20,000	20,000	20,000
CONTRACTS	1	10	4,000	2,000	2,000	2,000	2,000
TOTAL	3	30	16,000	12,000	22,000	22,000	22,000

\* OTHER INCLUDES AMOUNTS OF SECURITIES INVESTORS PAID UP IN ACTIVELY REGISTERED ISSUES BY INDIVIDUALS.

## PART IV

# STATISTICAL TABLES

TABLE 2.12. PAID UP CAPITAL OF INVESTORS IN FORMS OF SECURITIES AND WITH CONTRACTS IN ACTIVELY REGISTERED ISSUES (P. 2.1)

TYPE OF INVESTMENT ACTIVITY	NO. OF INVESTORS		AMOUNT INVESTED (IN \$100,000)				TOTAL
	INDIVIDUAL	CORPORATE	PAID UP	PAID UP	PAID UP	PAID UP	
SECURITIES	2	20	12,000	10,000	20,000	20,000	20,000
CONTRACTS	1	10	4,000	2,000	2,000	2,000	2,000
TOTAL	3	30	16,000	12,000	22,000	22,000	22,000

\* OTHER INCLUDES AMOUNTS OF SECURITIES INVESTORS PAID UP IN ACTIVELY REGISTERED ISSUES BY INDIVIDUALS.

PART IV

STATISTICAL TABLES

TABLE C-1: PAID-UP CAPITAL OF REPORTING ENTERPRISES BY SOURCE OF OWNERSHIP AND MAIN CONSTRUCTION ACTIVITY  
1997/1998(1990 E.F.Y)

MAIN CONSTRUCTION ACTIVITY	NO. OF ENTERPRISES			PAID-UP CAPITAL(IN '000 BIRR)					
				PRIVATE				TOTAL	
	PUBLIC	PRIVATE	TOTAL	PUBLIC	MALE	FEMALE	FOREIGNERS		OTHERS*
GENERAL CONTRACTORS	6	102	108	213,835	283,727	29,613	92,000	35,002	654,177
BUILDING CONTRACTORS	1	383	384	4,315	95,849	3,349	2,685	-	106,199
ROAD CONTRACTORS	1	7	8	947,475	36,370	-	316	-	984,162
SPECIALIZED CONTRACTORS	-	14	14	-	162,260	334	493	32	163,119
TOTAL	8	506	514	1,165,626	578,206	33,296	95,494	35,034	1,907,656

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

TABLE C-2: NUMBER OF ENTERPRISES BY FORM OF OWNERSHIP AND MAIN CONSTRUCTION ACTIVITY  
1997/1998(1990 E.F.Y)

MAIN CONSTRUCTION ACTIVITY	FORM OF OWNERSHIP						
	PUBLIC	INDIVIDUAL OWNERSHIP	PARTNER-SHIP	SHARE COMPANY	PRIVATE LIMITED CO.	OTHERS	TOTAL
GENERAL CONTRACTORS	6	71	1	2	27	1	108
BUILDING CONTRACTORS	1	340	16	-	27	-	384
ROAD CONTRACTORS	1	6	-	-	1	-	8
SPECIALIZED CONTRACTORS	-	9	-	1	4	-	14
TOTAL	8	426	17	3	59	1	514

TABLE C-3: NUMBER OF REPORTING ENTERPRISES BY SIZE OF PAID-UP CAPITAL, OWNERSHIP AND MAIN CONSTRUCTION ACTIVITY  
1997/1998(1990 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	269	91	62	34	21	13	8	1	1	14	514
GENERAL CONTRACTORS	34	14	15	9	8	9	6	1	1	11	108
BUILDING CONTRACTORS	226	75	41	23	13	4	2	-	-	-	384
ROAD CONTRACTORS	2	-	3	1	-	-	-	-	-	2	8
SPECIALIZED CONTRACTORS	7	2	3	1	-	-	-	-	-	1	14
PUBLIC	-	-	1	-	-	1	-	1	-	5	8
GENERAL CONTRACTORS	-	-	1	-	-	-	-	1	-	4	6
BUILDING CONTRACTORS	-	-	-	-	1	-	-	-	-	-	1
ROAD CONTRACTORS	-	-	-	-	-	-	-	-	-	1	1
SPECIALIZED CONTRACTORS	-	-	-	-	-	-	-	-	-	-	-
PRIVATE	269	91	61	34	21	12	8	-	1	9	506
GENERAL CONTRACTORS	34	14	14	9	8	9	6	-	1	7	102
BUILDING CONTRACTORS	226	75	41	23	13	3	2	-	-	-	383
ROAD CONTRACTORS	2	-	3	1	-	-	-	-	-	1	7
SPECIALIZED CONTRACTORS	7	2	3	1	-	-	-	-	-	1	14

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, 1997/1998(1990 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	162	3	7	-	172	342	514
GENERAL CONTRACTORS	58	-	4	-	62	46	108
BUILDING CONTRACTORS	92	2	3	-	97	287	384
ROAD CONTRACTORS	4	-	-	-	4	4	8
SPECIALIZED CONTRACTORS	8	1	-	-	9	5	14
PUBLIC	8	-	-	-	8	-	8
GENERAL CONTRACTORS	6	-	-	-	6	-	6
BUILDING CONTRACTORS	1	-	-	-	1	-	1
ROAD CONTRACTORS	1	-	-	-	1	-	1
SPECIALIZED CONTRACTORS	-	-	-	-	-	-	-
PRIVATE	154	3	7	-	164	342	506
GENERAL CONTRACTORS	52	-	4	-	56	46	102
BUILDING CONTRACTORS	91	2	3	-	96	287	383
ROAD CONTRACTORS	3	-	-	-	3	4	7
SPECIALIZED CONTRACTORS	8	1	-	-	9	5	14

TABLE C-5: PERCENTAGE DISTRIBUTION OF ENTERPRISES BY FIRST MAJOR OPERATIONAL PROBLEM FACED AND MAIN CONSTRUCTION ACTIVITY, 1997/1998(1990 E.F.Y)

MAIN CONSTRUCTION ACTIVITY	TYPE OF PROBLEM										TOTAL
	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	
PUBLIC AND PRIVATE	40	11	77	112	101	42	2	65	21	43	514
%	7.78	2.14	14.98	21.79	19.65	8.17	.39	12.65	4.09	8.37	100.00
GENERAL CONTRACTORS	6	6	19	23	24	6	-	15	5	4	108
BUILDING CONTRACTORS	32	3	53	80	75	36	1	49	16	39	384
ROAD CONTRACTORS	-	2	-	5	-	-	-	1	-	-	8
SPECIALIZED CONTRACTORS	2	-	5	4	2	-	1	-	-	-	14
PUBLIC	3	2	-	-	2	-	-	-	-	1	8
%	37.50	25.00	-	-	25.00	-	-	-	-	12.50	100.00
GENERAL CONTRACTORS	2	1	-	-	2	-	-	-	-	1	6
BUILDING CONTRACTORS	1	-	-	-	-	-	-	-	-	-	1
ROAD CONTRACTORS	-	1	-	-	-	-	-	-	-	-	1
SPECIALIZED CONTRACTORS	-	-	-	-	-	-	-	-	-	-	-
PRIVATE	37	9	77	112	99	42	2	65	21	42	506
%	7.31	1.78	15.22	22.13	19.57	8.30	.40	12.85	4.15	8.30	100.00
GENERAL CONTRACTORS	4	5	19	23	22	6	-	15	5	3	102
BUILDING CONTRACTORS	31	3	53	80	75	36	1	49	16	39	383
ROAD CONTRACTORS	-	1	-	5	-	-	-	1	-	-	7
SPECIALIZED CONTRACTORS	2	-	5	4	2	-	1	-	-	-	14

TABLE C-6: NUMBER OF PERSONS ENGAGED AND WAGES AND SALARIES BY SEX, OWNERSHIP AND MAIN CONSTRUCTION ACTIVITY  
1997/1998(1990 E.F.Y)

MAIN CONSTRUCTION ACTIVITY	NUMBER OF ENTERPRISES	NUMBER OF PERSONS ENGAGED			NUMBER OF EMPLOYEES	1 WAGES AND SALARIES(IN '000 BIRR)			N <sup>o</sup> OF PERSONS ENGAGED DURING A SINGLE (PEAK) PERIOD
		MALE	FEMALE	TOTAL		MALE	FEMALE	TOTAL	
PUBLIC AND PRIVATE	514	58,917	7,702	66,619	66,338	284,447	28,774	391,886	91,116
GENERAL CONTRACTORS	108	28,470	4,267	32,737	32,682	187,797	19,563	236,133	42,767
BUILDING CONTRACTORS	384	14,176	2,674	16,850	16,640	44,712	5,035	51,069	30,573
ROAD CONTRACTORS	8	15,939	709	16,648	16,643	49,098	3,946	101,318	17,265
SPECIALIZED CONTRACTORS	14	332	52	384	373	2,840	230	3,365	511
PUBLIC	8	23,278	2,030	25,308	25,308	89,411	11,592	156,473	27,363
GENERAL CONTRACTORS	6	7,615	1,263	8,878	8,878	40,536	7,387	54,910	10,240
BUILDING CONTRACTORS	1	409	80	489	489	3,179	345	3,799	694
ROAD CONTRACTORS	1	15,254	687	15,941	15,941	45,696	3,859	97,764	16,429
SPECIALIZED CONTRACTORS	-	-	-	-	-	-	-	-	-
PRIVATE	506	35,639	5,672	41,311	41,030	195,036	17,182	235,413	63,753
GENERAL CONTRACTORS	102	20,855	3,004	23,859	23,804	147,261	12,175	181,223	32,527
BUILDING CONTRACTORS	383	13,767	2,594	16,361	16,151	41,533	4,689	47,270	29,879
ROAD CONTRACTORS	7	685	22	707	702	3,402	87	3,555	836
SPECIALIZED CONTRACTORS	14	332	52	384	373	2,840	230	3,365	511

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  
1997/1998(1990 E.F.Y)

MAIN CONSTRUCTION ACTIVITY	Nº. OF ENTERP.	Nº OF WORKING PROPRIETORS ACTIVE PARTNERS & FAMILY WORKERS	OPERATIVES	OTHER EMPLOYEES	TOTAL
PUBLIC AND PRIVATE	514	281	56,692	9,646	66,619
GENERAL CONTRACTORS	108	55	27,964	4,718	32,737
BUILDING CONTRACTORS	384	210	15,206	1,434	16,850
ROAD CONTRACTORS	8	5	13,254	3,389	16,648
SPECIALIZED CONTRACTORS	14	11	268	105	384
PUBLIC	8	-	19,882	5,426	25,308
GENERAL CONTRACTORS	6	-	6,796	2,082	8,878
BUILDING CONTRACTORS	1	-	364	125	489
ROAD CONTRACTORS	1	-	12,722	3,219	15,941
SPECIALIZED CONTRACTORS	-	-	-	-	-
PRIVATE	506	281	36,810	4,220	41,311
GENERAL CONTRACTORS	102	55	21,168	2,636	23,859
BUILDING CONTRACTORS	383	210	14,842	1,309	16,361
ROAD CONTRACTORS	7	5	532	170	707
SPECIALIZED CONTRACTORS	14	11	268	105	384

TABLE C-8: GROSS WAGES AND SALARIES, OTHER EMPLOYEE BENEFITS, SUPPLEMENTS TO WAGES AND SALARIES BY MAIN CONSTRUCTION ACTIVITY, 1997/1998(1990 E.F.Y)

( VALUES IN '000 BIRR)

MAIN CONSTRUCTION ACTIVITY	Nº OF ENTERP.	GROSS WAGES AND SALARIES	OTHER EMPLOYEE BENEFITS	TOTAL	SUPPLEMENTS TO WAGES & SALARIES
PUBLIC AND PRIVATE	514	313,221	67,776	380,997	10,890
GENERAL CONTRACTORS	108	207,360	18,790	226,150	9,983
BUILDING CONTRACTORS	384	49,747	918	50,665	404
ROAD CONTRACTORS	8	53,044	47,861	100,904	414
SPECIALIZED CONTRACTORS	14	3,071	206	3,277	88
PUBLIC	8	101,003	53,693	154,696	1,777
GENERAL CONTRACTORS	6	47,923	5,728	53,651	1,259
BUILDING CONTRACTORS	1	3,525	106	3,631	169
ROAD CONTRACTORS	1	49,555	47,859	97,414	350
SPECIALIZED CONTRACTORS	-	-	-	-	-
PRIVATE	506	212,218	14,083	226,301	9,112
GENERAL CONTRACTORS	102	159,437	13,062	172,499	8,724
BUILDING CONTRACTORS	383	46,222	813	47,035	236
ROAD CONTRACTORS	7	3,489	2	3,491	64
SPECIALIZED CONTRACTORS	14	3,071	206	3,277	88

TABLE C-9: GROSS WAGES AND SALARIES BY OCCUPATIONAL GROUP, SEX AND MAIN CONSTRUCTION ACTIVITY  
1997/1998(1990 E.F.Y)

MAIN CONSTRUCTION ACTIVITY	WAGES AND SALARIES PAID(IN '000 BIRR)							
	N <sup>o</sup> OF ENTERP.	OPERATIVES			OTHER EMPLOYEES			TOTAL
		MALE	FEMALE	BOTH SEXES	MALE	FEMALE	BOTH SEXES	
PUBLIC AND PRIVATE	514	233,022	19,652	252,674	51,425	9,122	60,547	313,221
GENERAL CONTRACTORS	108	157,368	12,446	169,814	30,429	7,117	37,546	207,360
BUILDING CONTRACTORS	384	37,827	4,231	42,057	6,886	804	7,689	49,747
ROAD CONTRACTORS	8	35,911	2,955	38,865	13,187	991	14,178	53,044
SPECIALIZED CONTRACTORS	14	1,916	21	1,937	924	210	1,133	3,071
PUBLIC	8	62,394	5,919	68,313	27,017	5,673	32,690	101,003
GENERAL CONTRACTORS	6	27,689	2,839	30,528	12,846	4,548	17,395	47,923
BUILDING CONTRACTORS	1	1,927	191	2,118	1,252	155	1,407	3,525
ROAD CONTRACTORS	1	32,778	2,889	35,667	12,918	970	13,888	49,555
SPECIALIZED CONTRACTORS	-	-	-	-	-	-	-	-
PRIVATE	506	170,628	13,733	184,361	24,408	3,449	27,857	212,218
GENERAL CONTRACTORS	102	129,679	9,606	139,285	17,583	2,569	20,151	159,437
BUILDING CONTRACTORS	383	35,900	4,040	39,940	5,633	649	6,282	46,222
ROAD CONTRACTORS	7	3,133	66	3,199	269	21	290	3,489
SPECIALIZED CONTRACTORS	14	1,916	21	1,937	924	210	1,133	3,071

TABLE C-10: NUMBER OF ENTERPRISES AND NUMBER OF PERSONS ENGAGED BY SIZE OF PERSONS ENGAGED AND BY MAIN CONSTRUCTION ACTIVITY, 1997/1998(1990 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	239	137	138	514	2,130	4,298	60,191	66,619
GENERAL CONTRACTORS	31	25	52	108	280	893	31,564	32,737
BUILDING CONTRACTORS	196	108	80	384	1,765	3,258	11,827	16,850
ROAD CONTRACTORS	5	-	3	8	46	-	16,602	16,648
SPECIALIZED CONTRACTORS	7	4	3	14	39	147	198	384
PUBLIC	-	-	8	8	-	-	25,308	25,308
GENERAL CONTRACTORS	-	-	6	6	-	-	8,878	8,878
BUILDING CONTRACTORS	-	-	1	1	-	-	489	489
ROAD CONTRACTORS	-	-	1	1	-	-	15,941	15,941
SPECIALIZED CONTRACTORS	-	-	-	-	-	-	-	-
PRIVATE	239	137	130	506	2,130	4,298	34,883	41,311
GENERAL CONTRACTORS	31	25	46	102	280	893	22,686	23,859
BUILDING CONTRACTORS	196	108	79	383	1,765	3,258	11,338	16,361
ROAD CONTRACTORS	5	-	2	7	46	-	661	707
SPECIALIZED CONTRACTORS	7	4	3	14	39	147	198	384

TABLE C-11: NUMBER OF ENTERPRISES AND NUMBER OF PERSONS ENGAGED BY SIZE OF CAPITAL AND MAIN CONSTRUCTION ACTIVITY  
1997/1998( 1990 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	489	8	2	1	14	27,207	3,223	686	568	34,935
GENERAL CONTRACTORS	88	7	1	1	11	10,164	3,048	619	568	18,338
BUILDING CONTRACTORS	382	1	1	-	-	16,608	175	67	-	-
ROAD CONTRACTORS	6	-	-	-	2	98	-	-	-	16,550
SPECIALIZED CONTRACTORS	13	-	-	-	1	337	-	-	-	47
PUBLIC	2	-	1	-	5	2,339	-	619	-	22,350
GENERAL CONTRACTORS	1	-	1	-	4	1,850	-	619	-	6,409
BUILDING CONTRACTORS	1	-	-	-	-	489	-	-	-	-
ROAD CONTRACTORS	-	-	-	-	1	-	-	-	-	15,941
SPECIALIZED CONTRACTORS	-	-	-	-	-	-	-	-	-	-
PRIVATE	487	8	1	1	9	24,868	3,223	67	568	12,585
GENERAL CONTRACTORS	87	7	-	1	7	8,314	3,048	-	568	11,929
BUILDING CONTRACTORS	381	1	1	-	-	16,119	175	67	-	-
ROAD CONTRACTORS	6	-	-	-	1	98	-	-	-	609
SPECIALIZED CONTRACTORS	13	-	-	-	1	337	-	-	-	47

TABLE C-12: NUMBER OF ENTERPRISES, GROSS VALUE OF CONSTRUCTION OUTPUT, EXPENSES DIRECTLY RELATED TO CONSTRUCTION, INDIRECT TAXES NET AND CENSUS VALUE ADDED BY MAIN CONSTRUCTION ACTIVITY, 1997/1998(1990 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	514	2,237,199	1,323,571	26,363	913,628	887,265
GENERAL CONTRACTORS	108	1,546,733	938,760	19,435	607,973	588,538
BUILDING CONTRACTORS	384	310,570	217,027	5,869	93,543	87,674
ROAD CONTRACTORS	8	356,178	152,743	521	203,435	202,914
SPECIALIZED CONTRACTORS	14	23,718	15,041	538	8,677	8,139
PUBLIC	8	572,871	250,950	4,230	321,921	317,691
GENERAL CONTRACTORS	6	217,701	96,765	3,859	120,936	117,078
BUILDING CONTRACTORS	1	15,672	9,363	371	6,310	5,938
ROAD CONTRACTORS	1	339,498	144,822	-	194,676	194,676
SPECIALIZED CONTRACTORS	-	-	-	-	-	-
PRIVATE	506	1,664,328	1,072,621	22,133	591,707	569,574
GENERAL CONTRACTORS	102	1,329,032	841,996	15,576	487,037	471,461
BUILDING CONTRACTORS	383	294,898	207,664	5,498	87,233	81,735
ROAD CONTRACTORS	7	16,680	7,920	521	8,760	8,238
SPECIALIZED CONTRACTORS	14	23,718	15,041	538	8,677	8,139

TABLE C-13: 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  
1997/1998(1990 E.F.Y)

(IN '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	514	2,237,199	1,661,867	26,363	575,332	548,969
GENERAL CONTRACTORS	108	1,546,733	1,185,384	19,435	361,349	341,915
BUILDING CONTRACTORS	384	310,570	232,232	5,869	78,337	72,468
ROAD CONTRACTORS	8	356,178	226,666	521	129,511	128,990
SPECIALIZED CONTRACTORS	14	23,718	17,584	538	6,134	5,595
PUBLIC	8	572,871	354,757	4,230	218,114	213,884
GENERAL CONTRACTORS	6	217,701	128,552	3,859	89,149	85,291
BUILDING CONTRACTORS	1	15,672	10,180	371	5,492	5,121
ROAD CONTRACTORS	1	339,498	216,025	-	123,473	123,473
SPECIALIZED CONTRACTORS	-	-	-	-	-	-
PRIVATE	506	1,664,328	1,307,110	22,133	357,218	335,084
GENERAL CONTRACTORS	102	1,329,032	1,056,832	15,576	272,200	256,624
BUILDING CONTRACTORS	383	294,898	222,053	5,498	72,845	67,347
ROAD CONTRACTORS	7	16,680	10,641	521	6,039	5,518
SPECIALIZED CONTRACTORS	14	23,718	17,584	538	6,134	5,595

TABLE C-14: COMPONENTS OF GROSS VALUE OF CONSTRUCTION OUTPUT BY MAIN CONSTRUCTION ACTIVITY  
1997/1998(1990 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	514	2,047,623	136,033	53,543	2,237,199
GENERAL CONTRACTORS	108	1,500,604	8,768	37,362	1,546,733
BUILDING CONTRACTORS	384	292,791	13,736	4,043	310,570
ROAD CONTRACTORS	8	237,407	112,287	6,484	356,178
SPECIALIZED CONTRACTORS	14	16,822	1,241	5,655	23,718
PUBLIC	8	433,991	113,144	25,736	572,871
GENERAL CONTRACTORS	6	198,797	1,500	17,404	217,701
BUILDING CONTRACTORS	1	12,570	901	2,202	15,672
ROAD CONTRACTORS	1	222,625	110,744	6,129	339,498
SPECIALIZED CONTRACTORS	-	-	-	-	-
PRIVATE	506	1,613,632	22,889	27,807	1,664,328
GENERAL CONTRACTORS	102	1,301,806	7,269	19,957	1,329,032
BUILDING CONTRACTORS	383	280,221	12,836	1,841	294,898
ROAD CONTRACTORS	7	14,782	1,543	355	16,680
SPECIALIZED CONTRACTORS	14	16,822	1,241	5,655	23,718

TABLE C-15: GROSS VALUE OF CONSTRUCTION OUTPUT BY SIZE OF PERSONS ENGAGED AND MAIN CONSTRUCTION ACTIVITY, 1997/1998( 1990 E.F.Y )

(VALUE IN '000 BIRR)

MAIN CONSTRUCTION ACTIVITY	Nº ENTERP.	SIZE OF PERSONS ENGAGED			
		UPTO 19	20 - 49	50 AND OVER	TOTAL
PUBLIC AND PRIVATE	514	41,490	81,989	2,113,721	2,237,199
GENERAL CONTRACTORS	108	5,751	21,497	1,519,486	1,546,733
BUILDING CONTRACTORS	384	32,998	55,942	221,630	310,570
ROAD CONTRACTORS	8	1,427	-	354,751	356,178
SPECIALIZED CONTRACTORS	14	1,315	4,549	17,854	23,718
PUBLIC	8	-	-	572,871	572,871
GENERAL CONTRACTORS	6	-	-	217,701	217,701
BUILDING CONTRACTORS	1	-	-	15,672	15,672
ROAD CONTRACTORS	1	-	-	339,498	339,498
SPECIALIZED CONTRACTORS	-	-	-	-	-
PRIVATE	506	41,490	81,989	1,540,850	1,664,328
GENERAL CONTRACTORS	102	5,751	21,497	1,301,785	1,329,032
BUILDING CONTRACTORS	383	32,998	55,942	205,958	294,898
ROAD CONTRACTORS	7	1,427	-	15,253	16,680
SPECIALIZED CONTRACTORS	14	1,315	4,549	17,854	23,718

TABLE C-16: GROSS VALUE OF CONSTRUCTION OUTPUT BY SIZE OF CAPITAL AND MAIN CONSTRUCTION ACTIVITY  
1997/1998(1990 E.F.Y)

(VALUE IN '000 BIRR)

MAIN CONSTRUCTION ACTIVITY	N <sup>o</sup> 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	514	657,805	62,996	18,536	23,297	1,474,566	2,237,199
GENERAL CONTRACTORS	108	323,377	62,271	18,135	23,297	1,119,654	1,546,733
BUILDING CONTRACTORS	384	309,444	725	401	-	-	310,570
ROAD CONTRACTORS	8	2,885	-	-	-	353,293	356,178
SPECIALIZED CONTRACTORS	14	22,099	-	-	-	1,619	23,718
PUBLIC	8	92,576	-	18,135	-	462,160	572,871
GENERAL CONTRACTORS	6	76,904	-	18,135	-	122,662	217,701
BUILDING CONTRACTORS	1	15,672	-	-	-	-	15,672
ROAD CONTRACTORS	1	-	-	-	-	339,498	339,498
SPECIALIZED CONTRACTORS	-	-	-	-	-	-	-
PRIVATE	506	565,228	62,996	401	23,297	1,012,407	1,664,328
GENERAL CONTRACTORS	102	246,473	62,271	-	23,297	996,992	1,329,032
BUILDING CONTRACTORS	383	293,772	725	401	-	-	294,898
ROAD CONTRACTORS	7	2,885	-	-	-	13,795	16,680
SPECIALIZED CONTRACTORS	14	22,099	-	-	-	1,619	23,718

TABLE C-17: VALUE ADDED\*BY SIZE OF PERSONS ENGAGED AND MAIN CONSTRUCTION ACTIVITY  
1997/1998( 1990 E.F.Y )

(IN '000 BIRR)

MAIN CONSTRUCTION ACTIVITY	SIZE OF PERSONS ENGAGED			
	UPTO 19	20 - 49	50 AND OVER	TOTAL
PUBLIC AND PRIVATE	12,293	24,590	512,086	548,969
GENERAL CONTRACTORS	1,384	6,262	334,269	341,915
BUILDING CONTRACTORS	10,188	16,543	45,737	72,468
ROAD CONTRACTORS	664	-	128,326	128,990
SPECIALIZED CONTRACTORS	56	1,786	3,754	5,595
PUBLIC	-	-	213,884	213,884
GENERAL CONTRACTORS	-	-	85,291	85,291
BUILDING CONTRACTORS	-	-	5,121	5,121
ROAD CONTRACTORS	-	-	123,473	123,473
SPECIALIZED CONTRACTORS	-	-	-	-
PRIVATE	12,293	24,590	298,201	335,084
GENERAL CONTRACTORS	1,384	6,262	248,978	256,624
BUILDING CONTRACTORS	10,188	16,543	40,616	67,347
ROAD CONTRACTORS	664	-	4,853	5,518
SPECIALIZED CONTRACTORS	56	1,786	3,754	5,595

\* IN THE NATIONAL ACCOUNT CONCEPT AT FACTOR COST

TABLE C-18: VALUE ADDED\* BY SIZE OF CAPITAL AND MAIN CONSTRUCTION ACTIVITY  
1997/1998(1990 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	185,949	18,258	7,535	3,360	333,868	548,970
GENERAL CONTRACTORS	108,497	18,127	7,404	3,360	204,527	341,915
BUILDING CONTRACTORS	72,207	131	131	-	-	72,469
ROAD CONTRACTORS	891	-	-	-	128,100	128,991
SPECIALIZED CONTRACTORS	4,354	-	-	-	1,241	5,595
PUBLIC	42,032	-	7,404	-	164,449	213,885
GENERAL CONTRACTORS	36,911	-	7,404	-	40,976	85,291
BUILDING CONTRACTORS	5,121	-	-	-	-	5,121
ROAD CONTRACTORS	-	-	-	-	123,473	123,473
SPECIALIZED CONTRACTORS	-	-	-	-	-	-
PRIVATE	143,917	18,258	131	3,360	169,419	335,085
GENERAL CONTRACTORS	71,586	18,127	-	3,360	163,551	256,624
BUILDING CONTRACTORS	67,086	131	131	-	-	67,348
ROAD CONTRACTORS	891	-	-	-	4,627	5,518
SPECIALIZED CONTRACTORS	4,354	-	-	-	1,241	5,595

\*IN THE NATIONAL ACCOUNT CONCEPT AT FACTOR COST

UNSPECIFIED CONTRACTORS	2	102	104	200,297	1,307,962	1,508,259
ROAD CONTRACTORS	1	7	8	225,547	16,325	241,872
BUILDING CONTRACTORS	1	383	384	13,470	291,109	304,579
SPECIALIZED CONTRACTORS	-	14	14	-	17,220	17,220
TOTAL	4	506	514	439,314	1,632,616	2,071,930

TABLE C-19: NUMBER OF ENTERPRISES, TOTAL REVENUE FROM NEW CONSTRUCTION INCLUDING EXTENSION, VALUE OF CAPITAL REPAIR AND MAINTENANCE BY TYPE OF MAIN CONSTRUCTION ACTIVITY, 1997/1998(1990 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	506	514	439,314	1,632,616	2,071,930
GENERAL CONTRACTORS	6	102	108	200,297	1,307,962	1,508,259
BUILDING CONTRACTORS	1	383	384	13,470	291,109	304,579
ROAD CONTRACTORS	1	7	8	225,547	16,325	241,872
SPECIALIZED CONTRACTORS	-	14	14	-	17,220	17,220

TABLE C-20: VALUE OF NEW CONSTRUCTION INCLUDING EXTENSION AND CAPITAL REPAIR AND MAINTENANCE  
BY TYPE OF CONSTRUCTION WORK DONE - PUBLIC AND PRIVATE, 1997/1998(1990 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 .....	88,674	2,801	91,475
NON RESIDENTIAL BUILDINGS.....	920,950	13,866	934,816
Commercial Buildings.....	349,597	1,654	351,251
Industrial Buildings.....	66,803	94	66,897
Educational Buildings.....	232,967	2,180	235,147
Health Buildings.....	106,622	1,954	108,576
Other Non Residential Buildings...	164,960	7,984	172,944
OTHER CONSTRUCTION WORK.....	698,850	7,237	706,087
Roads.....	430,848	5,401	436,249
Bridges....	14,501	1,107	15,608
Air Fields .....	109,667	-	109,667
Dams.....	74,664	-	74,664
Pipe Lines .....	46,875	-	46,875
Others.....	22,295	729	23,024
WORK DONE AS SUB CONTRACTOR .....	38,607	176	38,783
WORK DONE BY SUB CONTRACTORS.....	300,542	228	300,770
<b>TOTAL</b>	<b>2,047,623</b>	<b>24,308</b>	<b>2,071,931</b>

TABLE C-21: VALUE OF NEW CONSTRUCTION INCLUDING EXTENSION AND CAPITAL REPAIR AND MAINTENANCE  
BY TYPE OF CONSTRUCTION WORK DONE- PUBLIC, 1997/1998(1990 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.....	11,514	-	11,514
NON RESIDENTIAL BUILDINGS.....	67,825	2,400	70,225
Commercial Buildings.....	1,020	-	1,020
Industrial Buildings.....	321	-	321
Educational Buildings.....	38,299	-	38,299
Health Buildings.....	-	1,500	1,500
Other Non Residential Buildings...	28,185	901	29,086
OTHER CONSTRUCTION WORK.....	336,883	2,922	339,805
Roads.....	197,862	1,815	199,677
Bridges.....	12,974	1,107	14,081
Air Fields.....	74,754	-	74,754
Dams.....	3,994	-	3,994
Pipe Lines.....	37,603	-	37,603
Others.....	9,697	-	9,697
WORK DONE AS SUB CONTRACTOR.....	16,153	-	16,153
WORK DONE BY SUB CONTRACTORS.....	1,616	-	1,616
<b>TOTAL</b>	<b>433,991</b>	<b>5,322</b>	<b>439,313</b>

TABLE C-22: VALUE OF NEW CONSTRUCTION INCLUDING EXTENSION AND CAPITAL REPAIR AND MAINTENANCE  
 BY TYPE OF CONSTRUCTION WORK DONE - PRIVATE, 1997/1998(1990 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.....	77,160	2,801	79,961
NON RESIDENTIAL BUILDINGS.....	853,125	11,466	864,591
Commercial Buildings.....	348,577	1,654	350,231
Industrial Buildings.....	66,482	94	66,576
Educational Buildings.....	194,668	2,180	196,848
Health Buildings.....	106,622	455	107,077
Other Non Residential Buildings...	136,776	7,083	143,859
OTHER CONSTRUCTION WORK.....	361,967	4,315	366,282
Roads.....	232,986	3,585	236,571
Bridges....	1,527	-	1,527
Air Fields. ....	34,913	-	34,913
Dams.....	70,670	-	70,670
Pipe Lines. ....	9,272	-	9,272
Others.....	12,598	729	13,327
WORK DONE AS SUB CONTRACTOR.....	22,454	176	22,630
WORK DONE BY SUB CONTRACTORS.....	298,926	228	299,154
<b>TOTAL</b>	<b>1,613,632</b>	<b>18,986</b>	<b>1,632,618</b>

TABLE C-23: NUMBER OF ENTERPRISES, PAYMENTS TO SUBCONTRACTORS, ENERGY CONSUMED AND CONSTRUCTION AND NON-CONSTRUCTION SERVICES RENDERED BY OTHERS AND MAIN CONSTRUCTION ACTIVITY, 1997/1998( 1990 E.F.Y )

(VALUES IN '000 BIRR)

MAIN CONSTRUCTION ACTIVITY	N <sup>o</sup> 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	514	525,307	165,450	746,811	306,200	62,177	208,386	1,323,574	116,085	222,210	1,661,869
GENERAL CONTRACTORS	108	328,327	102,009	479,251	302,139	53,388	103,983	938,761	58,494	188,130	1,185,385
BUILDING CONTRACTORS	384	174,770	18,786	200,695	3,965	4,212	8,157	217,029	5,742	9,463	232,234
ROAD CONTRACTORS	8	20,662	34,577	55,239	-	4,357	93,147	152,743	51,024	22,899	226,666
SPECIALIZED CONTRACTORS	14	1,548	10,078	11,626	96	220	3,099	15,041	825	1,718	17,584
PUBLIC	8	73,642	55,005	128,647	2,952	17,238	102,114	250,951	61,836	41,971	354,758
GENERAL CONTRACTORS	6	46,997	23,337	70,334	2,722	15,250	8,459	96,765	10,885	20,902	128,552
BUILDING CONTRACTORS	1	7,659	-	7,659	230	711	764	9,364	139	678	10,181
ROAD CONTRACTORS	1	18,986	31,668	50,654	-	1,277	92,891	144,822	50,812	20,391	216,025
SPECIALIZED CONTRACTORS	-	-	-	-	-	-	-	-	-	-	-
PRIVATE	506	451,665	110,445	618,164	303,248	44,939	106,272	1,072,623	54,249	180,239	1,307,111
GENERAL CONTRACTORS	102	281,330	78,672	408,917	299,417	38,138	95,524	841,996	47,609	167,228	1,056,833
BUILDING CONTRACTORS	383	167,111	18,786	193,036	3,735	3,501	7,393	207,665	5,603	8,785	222,053
ROAD CONTRACTORS	7	1,676	2,909	4,585	-	3,080	256	7,921	212	2,508	10,641
SPECIALIZED CONTRACTORS	14	1,548	10,078	11,626	96	220	3,099	15,041	825	1,718	17,584

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

TABLE C-24: NUMBER OF ENTERPRISES AND COST OF ENERGY CONSUMED BY MAIN CONSTRUCTION ACTIVITY  
1997/1998(1990 E.F.Y)

MAIN CONSTRUCTION ACTIVITY	N <sup>o</sup> 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	244	185	56,659	5,518	62,177
GENERAL CONTRACTORS	66	66	49,475	3,913	53,388
BUILDING CONTRACTORS	167	108	3,946	266	4,212
ROAD CONTRACTORS	5	4	3,074	1,283	4,357
SPECIALIZED CONTRACTORS	6	7	164	56	220
PUBLIC	7	8	14,890	2,348	17,238
GENERAL CONTRACTORS	6	6	14,184	1,066	15,250
BUILDING CONTRACTORS	1	1	706	5	711
ROAD CONTRACTORS	-	1	-	1,277	1,277
SPECIALIZED CONTRACTORS	-	-	-	-	-
PRIVATE	237	177	41,769	3,170	44,939
GENERAL CONTRACTORS	60	60	35,291	2,847	38,138
BUILDING CONTRACTORS	166	107	3,240	261	3,501
ROAD CONTRACTORS	5	3	3,074	6	3,080
SPECIALIZED CONTRACTORS	6	7	164	56	220

TABLE C-25: FIXED ASSETS AND NEW CAPITAL EXPENDITURE BY OWNERSHIP AND MAIN CONSTRUCTION ACTIVITY  
1997/1998(1990 E.F.Y)

(IN '000 BIRR)

MAIN CONSTRUCTION ACTIVITY	FIXED ASSETS			NEW CAPITAL EXPENDITURE		
	PUBLIC	PRIVATE	TOTAL	PUBLIC	PRIVATE	TOTAL
GENERAL CONTRACTORS	211,714	529,341	741,055	3,673	188,277	191,950
BUILDING CONTRACTORS	1,408	64,863	66,271	477	11,865	12,342
ROAD CONTRACTORS	3,833,172	32,566	3,865,738	647,904	11,654	659,558
SPECIALIZED CONTRACTORS	-	4,478	4,478	-	2,461	2,461
<b>TOTAL</b>	<b>4,046,294</b>	<b>631,248</b>	<b>4,677,541</b>	<b>652,053</b>	<b>214,258</b>	<b>866,311</b>

TABLE C-26: INVESTMENT IN FIXED ASSETS OF REPORTING ENTERPRISES BY SOURCE AND MAIN CONSTRUCTION ACTIVITY  
1997/1998(1990 E.F.Y)

(IN '000 BIRR)

MAIN CONSTRUCTION ACTIVITY	DOMESTIC SOURCE				FORIGN SOURCE	GRAND TOTAL
	OWN FUND	BANK LOAN	OTHERS	TOTAL		
PUBLIC AND PRIVATE	173,184	27,311	665,688	866,183	128	866,311
GENERAL CONTRACTORS	162,055	26,762	3,132	191,949	-	191,949
BUILDING CONTRACTORS	9,187	520	2,508	12,215	128	12,343
ROAD CONTRACTORS	10	-	659,548	659,558	-	659,558
SPECIALIZED CONTRACTORS	1,932	29	500	2,461	-	2,461
PUBLIC	4,136	13	647,904	652,053	-	652,053
GENERAL CONTRACTORS	3,659	13	-	3,672	-	3,672
BUILDING CONTRACTORS	477	-	-	477	-	477
ROAD CONTRACTORS	-	-	647,904	647,904	-	647,904
SPECIALIZED CONTRACTORS	-	-	-	-	-	-
PRIVATE	169,048	27,298	17,784	214,130	128	214,258
GENERAL CONTRACTORS	158,396	26,749	3,132	188,277	-	188,277
BUILDING CONTRACTORS	8,710	520	2,508	11,738	128	11,866
ROAD CONTRACTORS	10	-	11,644	11,654	-	11,654
SPECIALIZED CONTRACTORS	1,932	29	500	2,461	-	2,461

TABLE C-27: FIXED ASSETS OF REPORTING ENTERPRISES BY TYPE AND MAIN CONSTRUCTION ACTIVITY  
1997/1998(1990 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	514	3,656,784	816,078	184,411	20,267	4,677,540
GENERAL CONTRACTORS	108	110,290	466,656	146,055	18,054	741,055
BUILDING CONTRACTORS	384	10,242	23,256	30,850	1,921	66,269
ROAD CONTRACTORS	8	3,534,335	324,474	6,691	238	3,865,738
SPECIALIZED CONTRACTORS	14	1,917	1,692	815	54	4,478
PUBLIC	8	3,554,969	463,499	22,855	4,970	4,046,293
GENERAL CONTRACTORS	6	20,770	163,654	22,477	4,813	211,714
BUILDING CONTRACTORS	1	781	91	378	157	1,407
ROAD CONTRACTORS	1	3,533,418	299,754	-	-	3,833,172
SPECIALIZED CONTRACTORS	-	-	-	-	-	-
PRIVATE	506	101,815	352,579	161,556	15,297	631,247
GENERAL CONTRACTORS	102	89,520	303,002	123,578	13,241	529,341
BUILDING CONTRACTORS	383	9,461	23,165	30,472	1,764	64,862
ROAD CONTRACTORS	7	917	24,720	6,691	238	32,566
SPECIALIZED CONTRACTORS	14	1,917	1,692	815	54	4,478

TABLE C-28: FIXED ASSETS AND NEW CAPITAL EXPENDITURE OF REPORTING ENTERPRISES BY SIZE OF PERSONS ENGAGED AND MAIN CONSTRUCTION ACTIVITY  
1997/1998( 1990 E.F.Y )

( IN '000 BIRR )

MAIN CONSTRUCTION ACTIVITY	FIXED ASSETS BY SIZE OF PERSONS ENGAGED				EXPENDITURE BY SIZE OF PERSONS ENGAGED				
	UPTO 19	20 - 49	50 & OVER	TOTAL	UPTO 19	20 - 49	50 & OVER	TOTAL	
PUBLIC AND PRIVATE	13,171	91,612	4,572,759	4,677,542	4,340	24,729	837,244	866,313	
GENERAL CONTRACTORS	5,135	75,325	660,596	741,056	3,106	21,629	167,216	191,951	
BUILDING CONTRACTORS	7,327	15,766	43,177	66,270	1,208	3,060	8,074	12,342	
ROAD CONTRACTORS	679	-	3,865,059	3,865,738	19	-	659,539	659,558	
SPECIALIZED CONTRACTORS	30	521	3,927	4,478	7	40	2,415	2,462	
PUBLIC	-	-	4,046,294	4,046,294	-	-	652,054	652,054	
GENERAL CONTRACTORS	-	-	211,714	211,714	-	-	3,673	3,673	
BUILDING CONTRACTORS	-	-	1,408	1,408	-	-	477	477	
ROAD CONTRACTORS	-	-	3,833,172	3,833,172	-	-	647,904	647,904	
SPECIALIZED CONTRACTORS	-	-	-	-	-	-	-	-	
PRIVATE	13,171	91,612	526,465	631,248	4,340	24,729	185,190	214,259	
GENERAL CONTRACTORS	5,135	75,325	448,882	529,342	3,106	21,629	163,543	188,278	
BUILDING CONTRACTORS	7,327	15,766	41,769	64,862	1,208	3,060	7,597	11,865	
ROAD CONTRACTORS	679	-	31,887	32,566	19	-	11,635	11,654	
SPECIALIZED CONTRACTORS	30	521	3,927	4,478	7	40	2,415	2,462	

TABLE C-29: FIXED ASSETS OF REPORTING ENTERPRISES BY SIZE OF CAPITAL AND MAIN CONSTRUCTION ACTIVITY  
1997/1998(1990 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	323,699	25,070	13,135	17,717	4,297,921	4,677,542
GENERAL CONTRACTORS	259,225	18,538	12,930	17,717	432,645	741,055
BUILDING CONTRACTORS	59,534	6,532	205	-	-	66,271
ROAD CONTRACTORS	705	-	-	-	3,865,033	3,865,738
SPECIALIZED CONTRACTORS	4,235	-	-	-	243	4,478
PUBLIC	127,011	-	12,930	-	3,906,353	4,046,294
GENERAL CONTRACTORS	125,603	-	12,930	-	73,181	211,714
BUILDING CONTRACTORS	1,408	-	-	-	-	1,408
ROAD CONTRACTORS	-	-	-	-	3,833,172	3,833,172
SPECIALIZED CONTRACTORS	-	-	-	-	-	-
PRIVATE	196,688	25,070	205	17,717	391,568	631,248
GENERAL CONTRACTORS	133,622	18,538	-	17,717	359,464	529,341
BUILDING CONTRACTORS	58,126	6,532	205	-	-	64,863
ROAD CONTRACTORS	705	-	-	-	31,861	32,566
SPECIALIZED CONTRACTORS	4,235	-	-	-	243	4,478

TABLE C-30: NEW CAPITAL EXPENDITURE OF REPORTING ENTERPRISES BY SIZE OF CAPITAL AND MAIN CONSTRUCTION ACTIVITY  
1997/1998(1990 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	41,830	6,962	167	3,461	813,892	866,312
GENERAL CONTRACTORS	27,190	6,791	167	3,461	154,342	191,951
BUILDING CONTRACTORS	12,171	171	-	-	-	12,342
ROAD CONTRACTORS	19	-	-	-	659,539	659,558
SPECIALIZED CONTRACTORS	2,450	-	-	-	11	2,461
PUBLIC	477	-	167	-	651,410	652,054
GENERAL CONTRACTORS	-	-	167	-	3,506	3,673
BUILDING CONTRACTORS	477	-	-	-	-	477
ROAD CONTRACTORS	-	-	-	-	647,904	647,904
SPECIALIZED CONTRACTORS	-	-	-	-	-	-
PRIVATE	41,353	6,962	-	3,461	162,482	214,258
GENERAL CONTRACTORS	27,190	6,791	-	3,461	150,836	188,278
BUILDING CONTRACTORS	11,694	171	-	-	-	11,865
ROAD CONTRACTORS	19	-	-	-	11,635	11,654
SPECIALIZED CONTRACTORS	2,450	-	-	-	11	2,461

TABLE C-31: VALUE OF NEW CONSTRUCTION INCLUDING EXTENSION AND CAPITAL REPAIR AND MAINTENANCE BY TYPE OF CONSTRUCTION WORK DONE AND REGION - PUBLIC AND PRIVATE  
1997/1998(1990 E.F.Y)

(IN '000 BIRR)

TYPE OF CONSTRUCTION WORK DONE	REGION											
	TIGRAY	AFAR	AMHARA	OROMIYA	SOMALIE	BENISHANG-UL/GUMUZ	S.N.N.P.*	GAMBELA	HARARI	ADDIS ABABA	DIRE DAWA	TOTAL WORK DONE
RESIDENTIAL BUILDINGS.....	842	1,944	7,219	8,533	-	5,758	3,428	745	1,291	61,710	-	91,470
NON RESIDENTIAL BUILDINGS.....	134,471	11,132	69,120	139,234	8,801	10,861	86,127	13,206	18,298	436,765	6,782	934,797
Commercial Buildings.....	5,099	936	5,806	6,402	-	-	4,798	121	2,458	325,627	-	351,247
Industrial Buildings.....	22,233	-	18,158	1,636	-	-	1,776	136	97	22,860	-	66,896
Educational Buildings.....	45,819	4,214	22,338	62,034	1,591	5,105	49,662	9,905	12,805	20,694	971	235,138
Health Buildings.....	27,261	3,994	10,747	33,693	2,785	2,376	18,395	977	1,703	6,375	270	108,576
Other Non Residential Buildings	34,059	1,988	12,071	35,469	4,425	3,380	11,496	2,067	1,235	61,209	5,541	172,940
OTHER CONSTRUCTION WORK.....	141,393	7,357	97,105	214,110	59,518	5,920	116,524	807	125	50,698	12,528	706,085
Roads.....	61,678	5,027	70,059	110,462	51,904	5,920	115,021	343	-	10,169	5,667	436,250
Bridges.....	1,193	469	3,074	4,092	-	-	224	-	-	-	6,557	15,609
Air Fields.....	59,320	-	19,194	-	-	-	-	-	-	31,153	-	109,667
Dams.....	3,994	-	-	70,669	-	-	-	-	-	-	-	74,663
Pipe Lines.....	14,843	-	4,073	25,541	10	-	99	-	125	2,182	-	46,873
Others.....	365	1,861	705	3,346	7,604	-	1,180	464	-	7,194	304	23,023
WORK DONE AS SUB CONTRACTOR.....	1,041	-	49	20,574	-	-	3,812	1,859	27	11,421	-	38,783
WORK DONE BY SUB CONTRACTORS.....	430	-	148	1,048	459	727	4,218	2,018	-	291,714	-	300,762
TOTAL	278,177	20,433	173,641	383,499	68,778	23,266	214,109	18,635	19,741	852,308	19,310	2,071,897
%	13.43	.99	8.38	18.51	3.32	1.12	10.33	.90	.95	41.14	.93	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-20

TABLE C-32: VALUE OF NEW CONSTRUCTION INCLUDING EXTENSION AND CAPITAL REPAIR AND MAINTENANCE BY TYPE OF CONSTRUCTION WORK DONE AND REGION - PUBLIC  
1997/1998(1990 E.F.Y)

(IN '000 BIRR)

TYPE OF CONSTRUCTION WORK DONE	REGION											
	TIGRAY	AFAR	AMHARA	OROMIYA	SOMALIE	BENISHANG-UL/GUMUJ	S.N.N.P.*	GAMBELA	HARARI	ADDIS ABABA	DIRE DAWA	TOTAL WORK DONE
RESIDENTIAL BUILDINGS.....	-	-	-	1,000	-	-	-	-	-	10,514	-	11,514
NON RESIDENTIAL BUILDINGS.....	8,611	-	-	25,675	2,514	-	13,993	-	-	16,918	2,514	70,225
Commercial Buildings.....	-	-	-	-	-	-	-	-	-	1,020	-	1,020
Industrial Buildings.....	-	-	-	321	-	-	-	-	-	-	-	321
Educational Buildings.....	8,611	-	-	11,925	-	-	13,120	-	-	4,643	-	38,299
Health Buildings.....	-	-	-	-	-	-	-	-	-	1,500	-	1,500
Other Non Residential Buildings	-	-	-	13,429	2,514	-	873	-	-	9,755	2,514	29,085
OTHER CONSTRUCTION WORK.....	108,358	2,778	39,123	45,550	59,508	-	72,912	-	-	5,021	6,557	339,807
Roads.....	35,005	1,048	17,052	17,088	51,904	-	72,795	-	-	4,785	-	199,677
Bridges.....	-	469	2,877	4,062	-	-	117	-	-	-	6,557	14,082
Air Fields.....	55,560	-	19,194	-	-	-	-	-	-	-	-	74,754
Dams.....	3,994	-	-	-	-	-	-	-	-	-	-	3,994
Pipe Lines.....	13,799	-	-	23,803	-	-	-	-	-	-	-	37,602
Others.....	-	1,261	-	597	7,604	-	-	-	-	236	-	9,698
WORK DONE AS SUB CONTRACTOR.....	-	-	-	15,011	-	-	-	-	-	1,142	-	16,153
WORK DONE BY SUB CONTRACTORS.....	377	-	-	862	-	-	376	-	-	-	-	1,615
TOTAL	117,346	2,778	39,123	88,098	62,022	-	87,281	-	-	33,595	9,071	439,314
%	26.71	.63	8.91	20.05	14.12	-	19.87	-	-	7.65	2.06	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-21

TABLE C-33: VALUE OF NEW CONSTRUCTION INCLUDING EXTENSION AND CAPITAL REPAIR AND MAINTENANCE BY TYPE OF CONSTRUCTION WORK DONE AND REGION - PRIVATE  
1997/1998(1990 E.F.Y)

(IN '000 BIRR)

TYPE OF CONSTRUCTION WORK DONE	REGION											
	TIGRAY	AFAR	AMHARA	OROMIYA	SOMALIE	BENISHANG-UL/GUMUZ	S.N.N.P.*	GAMBELA	HARARI	ADDIS ABABA	DIRE DAWA	TOTAL WORK DONE
RESIDENTIAL BUILDINGS.....	842	1,944	7,219	7,533	-	5,758	3,428	745	1,291	51,196	-	79,956
NON RESIDENTIAL BUILDINGS.....	125,860	11,132	69,120	113,559	6,287	10,861	72,134	13,206	18,298	419,847	4,268	864,572
Commercial Buildings.....	5,099	936	5,806	6,402	-	-	4,798	121	2,458	324,607	-	350,227
Industrial Buildings.....	22,233	-	18,158	1,315	-	-	1,776	136	97	22,860	-	66,575
Educational Buildings.....	37,208	4,214	22,338	50,109	1,591	5,105	36,542	9,905	12,805	16,051	971	196,839
Health Buildings.....	27,261	3,994	10,747	33,693	2,785	2,376	18,395	977	1,703	4,875	270	107,076
Other Non Residential Buildings	34,059	1,988	12,071	22,040	1,911	3,380	10,623	2,067	1,235	51,454	3,027	143,855
OTHER CONSTRUCTION WORK.....	33,035	4,579	57,982	168,560	10	5,920	43,612	807	125	45,677	5,971	366,278
Roads.....	26,673	3,979	53,007	93,374	-	5,920	42,226	343	-	5,384	5,667	236,573
Bridges.....	1,193	-	197	30	-	-	107	-	-	-	-	1,527
Air Fields.....	3,760	-	-	-	-	-	-	-	-	31,153	-	34,913
Dams.....	-	-	-	70,669	-	-	-	-	-	-	-	70,669
Pipe Lines.....	1,044	-	4,073	1,738	10	-	99	-	125	2,182	-	9,271
Others.....	365	600	705	2,749	-	-	1,180	464	-	6,958	304	13,325
WORK DONE AS SUB CONTRACTOR.....	1,041	-	49	5,563	-	-	3,812	1,859	27	10,279	-	22,630
WORK DONE BY SUB CONTRACTORS.....	53	-	148	186	459	727	3,842	2,018	-	291,714	-	299,147
TOTAL	160,831	17,655	134,518	295,401	6,756	23,266	126,828	18,635	19,741	818,713	10,239	1,632,583
%	9.85	1.08	8.24	18.09	.41	1.43	7.77	1.14	1.21	50.15	.63	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-22

TABLE C-34: INDICATORS OF CONSTRUCTION ACTIVITY BY TYPE OF OWNERSHIP AND MAIN CONSTRUCTION ACTIVITY  
1997/1998(1990 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	8,878	35.08	23,859	57.75	32,737	85,291	39.88	256,624	76.58	341,915
BUILDING CONTRACTORS	489	1.93	16,361	39.60	16,850	5,121	2.39	67,347	20.10	72,468
ROAD CONTRACTORS	15,941	62.99	707	1.71	16,648	123,473	57.73	5,518	1.65	128,990
SPECIALIZED CONTRACTORS	-	-	384	.93	384	-	-	5,595	1.67	5,595
TOTAL	25,308	100.00	41,311	100.00	66,619	213,884	100.00	335,084	100.00	548,969

\* IN THE NATIONAL ACCOUNT CONCEPT AT FACTOR COST

TABLE C-35: ANALYTICAL RATIOS ON CONTRACT CONSTRUCTION ACTIVITIES BY MAIN CONSTRUCTION ACTIVITY  
1997/1998(1990 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	39,462	9,683	.24	100.00	.05	.25
GENERAL CONTRACTORS	55,312	12,227	.24	62.28	.06	.22
BUILDING CONTRACTORS	20,424	4,766	.10	13.20	.02	.23
ROAD CONTRACTORS	26,873	9,732	.63	23.50	.03	.36
SPECIALIZED CONTRACTORS	88,500	20,878	.87	1.02	.01	.24
PUBLIC	28,814	10,758	.43	38.96	.07	.37
GENERAL CONTRACTORS	32,034	12,550	.33	15.54	.16	.39
BUILDING CONTRACTORS	43,056	14,069	-	.93	.08	.33
ROAD CONTRACTORS	26,686	9,705	.63	22.49	.01	.36
SPECIALIZED CONTRACTORS	-	-	-	-	-	-
PRIVATE	45,214	9,103	.20	61.04	.04	.20
GENERAL CONTRACTORS	62,785	12,123	.22	46.75	.05	.19
BUILDING CONTRACTORS	19,869	4,538	.10	12.27	.02	.23
ROAD CONTRACTORS	31,354	10,372	.63	1.01	.39	.33
SPECIALIZED CONTRACTORS	88,500	20,878	.87	1.02	.01	.24

\* IN THE NATIONAL ACCOUNT CONCEPT AT FACTOR COST

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

CONFIDENTIAL  
FOR STATISTICAL USE ONLY

NON-RESPONSE ONLY

CERTAINLY \_\_\_\_\_

NAME OF ESTABLISHMENT \_\_\_\_\_

DATE \_\_\_\_\_

TIME \_\_\_\_\_

**ANNEX: SURVEY QUESTIONNAIRE**

CENTRAL STATISTICAL AUTHORITY

ANNUAL SURVEY OF CONSTRUCTION ACTIVITY

ADDIS ABABA  
MARCH 1999



**CONFIDENTIAL  
FOR STATISTICAL USE ONLY**

**FOR OFFICE USE ONLY**

QUEST.(CI) \_\_\_\_\_

NAME OF ESTABLISHMENT \_\_\_\_\_

ISIC \_\_\_\_\_

SR.NO. \_\_\_\_\_

**THE FEDERAL DEMOCRATIC REPUBLIC OF ETHIOPIA  
CENTRAL STATISTICAL AUTHORITY**

**ANNUAL SURVEY OF CONSTRUCTION ACTIVITY  
(19.....)**

**ADDIS ABABA  
MARCH 1999**

FOR OFFICE USE ONLY

CONFIDENTIAL  
FOR STATISTICAL USE ONLY

QUEST (CI) \_\_\_\_\_

ISIC \_\_\_\_\_

SICNO \_\_\_\_\_

NAME OF ESTABLISHMENT \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

THE FEDERAL DEMOCRATIC REPUBLIC OF ETHIOPIA  
CENTRAL STATISTICAL AUTHORITY

ANNUAL SURVEY OF CONSTRUCTION ACTIVITY  
(Part II)

ADDIS ABABA  
MARCH 1988

# 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>
		Killil	ZONE	CITY	WEREDA	KEB	
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

1  
2.1

## 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)

3  
2.3

## 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

4  
2.4

## 2.5 TYPE OF OWNERSHIP

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

5  
2.5

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

1.	6	<input type="text"/>
2.	7	<input type="text"/>
3.	8	<input type="text"/>
4.	9	<input type="text"/>
5.	10	<input type="text"/>
6.	11	<input type="text"/>

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
<input type="text"/>

13
<input type="text"/>

14
<input type="text"/>



**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					

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	<b>1. RESIDENTIAL BUILDINGS</b>				
0 2	<b>2. NON RESIDENTIAL BUILDINGS</b>				
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	<b>3. OTHER CONSTRUCTION WORKS</b>				
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	<b>4. WORK DONE AS SUB CONTRACTOR</b>				
1 6	<b>5. WORK DONE BY SUB CONTRACTOR</b>				
1 7	<b>TOTAL</b>				

NOTE :- 1) SERIAL NUMBER 1-14 INCLUDES ONLY CONSTRUCTION WORKS DONE BY THE ENTERPRISE WORKRS

2) SERIAL NUMBER 1-16 INCLUDES ALL CONSTRUCTION WORKS USE FOR THE ENTERPRISE

4.2 INCOME EARNED FROM CAPITAL REPAIR IN 19 \_\_\_\_\_

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	<b>I. CAPITAL REPAIR (Including restoration &amp; Conversions)</b>				
0 2	<b>1 RESIDENTIAL BUILDINGS</b>				
0 3	<b>2 NON RESIDENTIAL BUILDINGS</b>				
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	<b>3 OTHER CONSTRUCTION WORKS</b>				
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	<b>4. WORK DONE AS SUB CONTRACTOR</b>				
1 7	<b>5. WORK DONE BY SUB CONTRACTOR</b>				
1 8	<b>II. CURRENT REPAIR &amp; MAINTENANCE</b>				
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	<b>TOTAL</b>				

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

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

KILLILS		1	2	3	4	5	6
		TIGRAY	AFAR	AMHARA	OROMIYA	SOMALI	BENISHANGU GUMUZ
SR. NO.	TYPE OF CONSTRUCTION WORK DONE	CODE NO.					
1	2	3	4	5	6	7	8
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 WORKERS

2) SERIAL NOUMBER 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

4.3(CONTD.) TOTAL VALUE OF CONSTRUCTION OUTPUT BY KILLIL IN ('000 BIRR) 19\_\_\_\_\_

SR. NO.	KILLILS	CODE NO.	7	12	13	14	15	TOTAL OF WORK DONE BY TYPE
			SOUTHERN ETHIOPIA	GAMBELA	HARARI	ADDIS ABABA	DIRE DAWA	
1	2	3	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	<b>TOTAL</b>							

NOTE :- 1) SERIAL NOUMBER 1-14 INCLUDES ONLY CONSTRUCTION WORKS DONE BY THE ENTERPRISE WORKERS

2) SERIAL NOUMBER 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



**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									

**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 AND BANK CHARGE	STATIONERY POSTAL SERVICES TELEPHONE ETC.	TRANSPORT COST	INSURANCE PREMIUM	OTHER COSTS	TOTAL
1	2	3	4	5	6	7	8	9=(1+...+8)
1								

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**5.4 TAXES PAID (IN BIRR) IN 19\_\_\_\_\_**

SR. NO.	INDIRECT TAXES PAID	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			

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PART 7 INCOME LESS EXPENDITURE IN 19\_\_\_\_\_

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



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**


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**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 _____