

# CONSTRUCTION PRICE INDEX

( Cost Price Index for the construction of a single storey house - Input Price Index )

3rd Quarter 1997

## 1. Introduction

This report presents changes in the Construction Price Index ( residential ) during the 3rd quarter of 1997. An overview of the evolution of the index since October 1996 is also included. A detailed description of the model dwelling used for constructing the index is given at the Annex.

## 2. Changes in the Construction Price Index

The Construction Price Index increased by almost 3 points during the third quarter of 1997. It rose by 2 points from 112.0 in June to 114.0 in July, and then more slowly to 114.5 in August and 114.9 in September. The increase of 1.8% in July is mainly the result of wage increases in the wake of the 1997 compensation and higher costs of transport.

Increases in the prices of sand, aggregates, block and panel lock caused the index to move up by 0.4% in August .

Higher costs of steel bars, metallic openings and galvanised pipes in September caused the index to move up again by 0.4%.

The index for each month compared with the corresponding month of 1996 shows increases of 2.9% for July, 2.8% for August and 3.2% for September.

### 3. Changes by Input Categories

Changes by input categories are shown in Tables A1 to A5 and Chart 1. It is observed that the index for the "Labour" category which maintained a constant level of 110.1 since July 1996, jumped to 114.6 in July 1997 as a result of increases in wages ranging from 3.4% to 4.7%. The level attained in July remained unchanged through August and September.

The index for the "Materials" category which stood at 113.9 in June, remained unchanged for the month of July. It then increased to 114.8 in August and to 115.5 in September. The increase in August is attributable mainly to increases in the prices of sand (4.5%), aggregates (5.0%), blocks (4.2%) and panel lock (2.5%). The higher value of the index in September was the result of increases in the prices of steel bars (3% to 9%), metallic openings (6% to 13%) and galvanised metal pipes ( 6.2%).

The category "Transport" which did not show any change since December 1994 (106.8), registered a sharp increase of 11.7 % in the month of July 1997 (119.4). No change was observed in August and September. As noted in an earlier report, the increase in prices of petroleum products which occurred in December 1996 did not immediately affect the transport prices going into the construction of the residential building used as model for the index. It is only in July 1997 that the increase seems to have been passed on to clients of this type of construction.

The other main input category, namely, "Hire of Plant" has shown no change since March 1995.

The net contributions of the input categories that have affected the index from month to month during the period October 1996 to September 1997 are shown in Table A4.

Quarterly averages of the monthly indices by input categories and the percentage changes from quarter to quarter are shown in Table A5.

#### 4. Changes by Work Categories

Changes by work categories are shown in Tables B1 to B5. It is observed that all 19 work categories showed an increase in July, due mainly to higher wages and transport prices. The effect is more pronounced in those categories where labour and transport have greater weights, e.g. “ Site preparation, excavation and disposal, hardcore filling” (2.9%) and “Rendering to wall and ceiling” (3.0%).

Many work categories showed increases during the month of August, the main ones being “Concrete” (0.9%) and “Blockwork” (2.4%) due to increases in the prices of sand, aggregates and block.

In September, the work categories which registered the most important increases are “Reinforcement” (2.5%) and “Steel windows and doors” (2.5%). These increases were due respectively to higher costs of steel bars and metallic openings.

Table B4 shows the net contributions of the work categories that have affected the index from month to month during the period October 1996 to September 1997.

Quarterly averages of the monthly indices by work categories and the percentage changes from quarter to quarter are shown in Table B5.

Central Statistical Office  
Ministry of Economic Planning and Development  
Port Louis

October 1997

Cost Price Index for the construction of a single storey house (Input Price Index)  
(Base : 4th Quarter 1993 = 100)

Table A1: Monthly sub-indices by input categories, October 1996 - September 1997

Input Categories	Weight	1996					1997							
		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	
LABOUR	32.8	110.1	110.1	110.1	110.1	110.1	110.1	110.1	110.1	110.1	114.6	114.6	114.6	114.6
HIRE OF PLANT	4.0	104.0	104.0	104.0	104.0	104.0	104.0	104.0	104.0	104.0	104.0	104.0	104.0	104.0
MATERIALS :	58.7	113.0	113.3	113.5	113.6	113.9	114.0	114.2	114.3	113.9	113.9	114.8	114.8	115.5
Hardcore (rempissage)	1.0	102.9	102.9	102.9	102.9	102.9	102.9	102.9	102.9	102.9	102.9	102.9	102.9	102.9
Cement	12.0	107.3	107.3	107.3	107.3	107.3	107.3	107.3	107.3	107.3	107.3	107.3	107.3	107.3
Sand	5.3	108.0	108.0	108.0	108.0	108.0	108.0	108.0	108.0	108.0	108.0	110.5	110.5	110.5
Aggregates	2.4	125.8	125.8	125.8	125.8	125.8	125.8	125.8	125.8	125.8	125.8	132.2	132.2	132.2
Block	3.9	122.5	122.5	122.5	122.5	122.5	122.5	122.5	122.5	122.5	122.5	127.9	127.9	127.9
Steel bars (armature)	5.1	128.9	128.9	124.6	124.6	124.6	124.6	124.6	124.6	124.6	120.4	120.4	120.4	125.2
Galvanised corrugated cast iron sheeting	1.5	124.4	124.4	124.4	125.7	125.7	125.7	125.7	125.7	125.7	126.3	126.3	126.3	126.3
Timber: (a) Carpentry	6.1	105.2	105.2	107.0	107.0	108.0	108.0	108.7	108.7	108.7	108.7	108.7	108.7	108.7
(b) Joinery	2.4	103.2	103.2	104.5	104.5	108.0	108.0	108.0	108.0	108.0	108.0	108.0	108.0	108.0
Steel sections & ironmongery for metal openings	4.9	110.0	110.0	114.1	114.7	114.7	115.6	115.6	115.6	115.6	115.6	115.9	115.9	119.1
Ceramic tiles	1.4	108.4	113.9	113.9	113.9	113.9	115.0	115.0	115.0	115.0	115.0	115.0	115.0	115.0
Glass,putty and oil	0.8	113.5	113.5	113.5	113.5	113.5	113.5	113.5	113.5	113.5	113.5	113.5	113.5	113.5
Paint	1.9	129.5	129.6	129.6	130.3	130.3	130.3	130.4	130.4	130.4	130.4	130.4	130.4	130.4
Plumbing	2.1	113.4	114.2	114.2	114.2	115.1	115.1	115.1	115.1	115.1	115.1	115.1	115.1	115.6
Sanitary installation	2.0	114.0	114.0	114.0	114.0	114.1	116.2	116.2	116.2	116.2	116.7	116.9	116.9	116.9
Electrical installation	3.2	113.9	116.3	116.3	116.3	116.3	117.0	116.9	116.9	116.9	116.9	117.2	117.2	117.2
Other	2.7	110.3	110.4	110.5	110.5	110.7	110.8	111.0	112.2	112.2	112.2	112.2	112.2	112.2
TRANSPORT	4.5	106.8	106.8	106.8	106.8	106.8	106.8	106.8	106.8	106.8	106.8	119.4	119.4	119.4
OVERALL INDEX		111.4	111.6	111.7	111.8	111.9	112.0	112.1	112.2	112.0	114.0	114.5	114.5	114.9

Cost Price Index for the construction of a single storey house (Input Price Index)  
(Base : 4th Quarter 1993 = 100)

Table A2: Percentage change from previous month by input categories, October 1996 - September 1997

Input Categories	Weight	1996												1997			
		Sept to Oct	Oct to Nov	Nov to Dec	Dec-96 to Jan 97	Jan to Feb	Feb to Mar	Mar to Apr	Apr to May	May to Jun	Jun to Jul	Jul to Aug	Aug to Sept				
		Oct	Nov	Dec	Jan 97	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept				
LABOUR	32.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HIRE OF PLANT	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MATERIALS :	58.7	0.1	0.3	0.2	0.1	0.3	0.1	0.1	0.1	0.1	0.1	0.1	0.1	-0.3	0.0	0.8	0.6
Hardcore (remplissage)	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Cement	12.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Sand	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3	0.0
Aggregates	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.1	0.0
Block	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.5	0.0
Steel bars (armature)	5.1	0.0	0.0	-3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-3.4	0.0	0.0	3.9
Galvanised corrugated cast iron sheeting	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0
Timber: (a) Carpentry	6.1	0.0	0.0	1.7	0.0	0.9	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
(b) Joinery	2.4	0.0	0.0	1.3	0.0	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Steel sections & ironmongery for metal openings	4.9	0.1	0.0	3.8	0.6	0.0	0.0	0.8	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.3	2.7
Ceramic tiles	1.4	0.0	5.1	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Glass,putty and oil	0.8	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Paint	1.9	0.0	0.1	0.0	0.6	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Plumbing	2.1	0.0	0.6	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5
Sanitary installation	2.0	1.2	0.0	0.0	0.0	0.0	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.2	0.0	0.0
Electrical installation	3.2	0.0	2.1	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0
Other	2.7	0.0	0.1	0.1	0.0	0.2	0.1	0.1	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0
TRANSPORT	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.7	0.0	0.0
<b>OVERALL CHANGE</b>		<b>0.0</b>	<b>0.2</b>	<b>0.1</b>	<b>0.1</b>	<b>0.2</b>	<b>0.1</b>	<b>0.1</b>	<b>0.1</b>	<b>-0.2</b>	<b>1.8</b>	<b>0.4</b>	<b>0.4</b>	<b>0.4</b>	<b>0.0</b>	<b>0.4</b>	<b>0.0</b>

**Cost Price Index for the construction of a single storey house (Input Price Index)**  
(Base : 4th Quarter 1993 = 100)

**Table A3: Percentage change from corresponding month of previous year by input categories, January 1997 to September 1997**

Input Categories	Weight	Jan 96 to Jan-97	Feb 96 to Feb-97	Mar 96 to Mar-97	Apr 96 to Apr-97	May 96 to May-97	Jun 96 to Jun-97	Jul 96 to Jul-97	Aug 96 to Aug-97	Sep 96 to Sep-97
<b>LABOUR</b>	<b>32.8</b>	2.5	2.5	2.5	2.5	2.5	2.5	4.0	4.0	4.0
<b>HIRE OF PLANT</b>	<b>4.0</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>MATERIALS :</b>	<b>58.7</b>	6.6	6.5	6.4	6.4	6.3	1.3	1.8	1.7	2.3
Hardcore (rempissage)	1.0	0.2	0.2	0.2	0.2	0.2	0.0	0.0	0.0	0.0
Cement	12.0	2.4	2.4	2.4	2.4	2.4	0.0	0.0	0.0	0.0
Sand	5.3	7.6	7.6	7.6	7.6	7.6	-1.5	0.0	2.3	2.3
Aggregate	2.4	9.5	9.5	9.5	9.5	9.5	-4.9	0.0	5.1	5.1
Block	3.9	7.3	7.3	7.3	7.3	7.3	-3.2	-0.3	4.2	4.5
Steel bars (armature)	5.1	14.3	14.3	11.4	11.3	9.3	2.4	2.4	-6.9	-2.9
Galvanised corrugated cast iron sheeting	1.5	6.5	6.5	6.5	6.5	6.5	1.5	1.5	1.5	1.5
Timber: (a) Carpentry	6.1	2.8	3.7	3.7	4.4	4.4	3.5	3.3	3.3	3.3
(b) Joinery	2.4	7.4	11.1	11.1	11.1	10.3	5.4	4.7	4.7	4.7
Steel sections & ironmongery for metal openings	4.9	11.6	11.6	11.6	12.5	12.5	6.4	5.2	5.5	8.4
Ceramic tiles	1.4	6.4	6.4	7.5	6.6	6.6	6.1	6.1	6.1	6.1
Glass,putty and oil	0.8	7.7	7.5	7.5	7.5	7.5	1.6	1.6	1.6	1.6
Paint	1.9	3.1	3.1	3.1	3.1	3.1	0.2	0.9	0.7	0.7
Plumbing	2.1	6.8	6.2	6.2	6.2	6.2	1.7	1.7	1.7	1.9
Sanitary installation	2.0	6.6	6.6	8.6	7.1	7.1	4.1	4.2	4.5	3.8
Electrical installation	3.2	10.9	5.2	5.8	5.8	5.8	2.9	2.8	2.8	2.8
Other	2.7	2.4	2.6	2.7	2.9	4.1	1.8	1.8	1.8	1.8
<b>TRANSPORT</b>	<b>4.5</b>	0.0	0.0	0.0	0.0	0.0	0.0	11.7	11.7	11.7
<b>OVERALL CHANGE</b>		4.7	4.6	4.6	4.6	4.5	1.6	2.9	2.8	3.2

Cost Price Index for the construction of a single storey house (Input Price Index)  
(Base : 4th Quarter 1993 = 100)

Table A4: Net contributions of input categories that have affected the index from month to month, October 1996 - September 1997

Input Categories	Weight	1996												1997											
		Sep to Oct		Oct to Nov		Nov to Dec		Dec 96 to Jan-97		Jan to Feb		Feb to Mar		Mar to Apr		Apr to May		May to Jun		Jun to Jul		Jul to Aug		Aug to Sep	
LABOUR	32.8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HIRE OF PLANT	4.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MATERIALS :	58.7	+0.05	+0.17	+0.13	0.00	0.00	0.00	+0.07	+0.17	+0.08	0.00	+0.09	+0.03	-0.19	+0.01	0.00	0.00	0.00	0.00	+0.51	+0.01	0.00	0.00	+0.41	0.00
Hardcore (remplassage)	1.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cement	12.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sand	5.3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Aggregates	2.4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Block	3.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Steel bars (armature)	5.1	0.00	0.00	0.00	0.00	-0.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	+0.24
Galvanised corrugated cast iron sheeting	1.5	0.00	0.00	0.00	0.00	0.00	0.00	+0.03	0.00	0.00	0.00	0.00	0.00	+0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Timber: (a) Carpentry	6.1	0.00	0.00	0.00	0.00	+0.11	0.00	0.00	+0.06	0.00	0.00	+0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
(b) Joinery	2.4	0.00	0.00	0.00	0.00	+0.04	0.00	0.00	+0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Steel sections & ironmongery for metal openings	4.9	+0.01	0.00	0.00	0.00	+0.20	0.00	+0.03	0.00	0.00	0.00	+0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	+0.16
Ceramic tiles	1.4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	+0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Glass,putty and oil	0.8	+0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Paint	1.9	0.00	0.00	0.00	0.00	0.00	0.00	+0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Plumbing	2.1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	+0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	+0.01
Sanitary installation	2.0	+0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	+0.04	0.00	0.00	0.00	+0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Electrical installation	3.2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	+0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other	2.7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	+0.01	0.00	0.00	0.00	+0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TRANSPORT	4.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>TOTAL</b>	<b>100.0</b>	<b>+0.05</b>	<b>+0.17</b>	<b>+0.13</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>+0.07</b>	<b>+0.17</b>	<b>+0.08</b>	<b>+0.09</b>	<b>+0.03</b>	<b>+0.03</b>	<b>-0.19</b>	<b>+2.04</b>	<b>+0.51</b>	<b>+0.02</b>	<b>0.00</b>	<b>0.00</b>	<b>+0.01</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>+0.41</b>

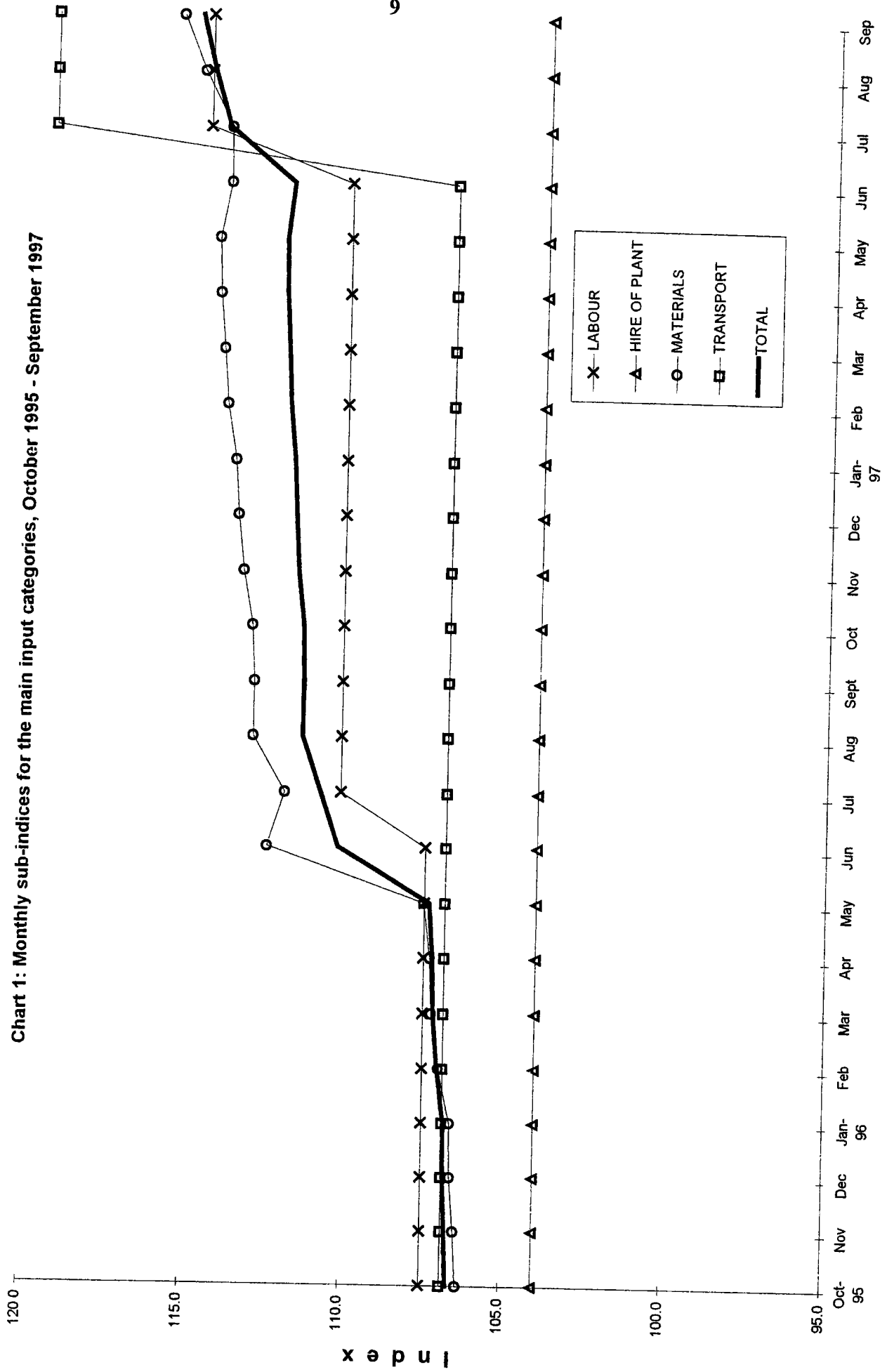
**Cost Price Index for the construction of a single storey house (Input Price Index)**  
(Base : 4th Quarter 1993 = 100)

**Table A5 : Quarterly average of monthly indices and percentage changes by input categories, October 1996 - September 1997**

Input Categories	Weight	1996			1997			% change from previous quarter		
		4th Qr			1st Qr			2nd Qr		
		4th Qr	1st Qr	2nd Qr	3rd Qr	4th Qr 96	1st Qr 97	2nd Qr 97	3rd Qr 97	
<b>LABOUR</b>	<b>32.8</b>	<b>110.1</b>	<b>110.1</b>	<b>110.1</b>	<b>114.6</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>4.0</b>	
<b>HIRE OF PLANT</b>	<b>4.0</b>	<b>104.0</b>	<b>104.0</b>	<b>104.0</b>	<b>104.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	
<b>MATERIALS :</b>	<b>58.7</b>	<b>113.2</b>	<b>113.8</b>	<b>114.1</b>	<b>114.7</b>	<b>0.6</b>	<b>0.5</b>	<b>0.2</b>	<b>0.6</b>	
Hardcore (rempissage)	1.0	102.9	102.9	102.9	102.9	0.0	0.0	0.0	0.0	
Cement	12.0	107.3	107.3	107.3	107.3	0.0	0.0	0.0	0.0	
Sand	5.3	108.0	108.0	108.0	109.7	0.0	0.0	0.0	1.5	
Aggregate	2.4	125.8	125.8	125.8	130.1	0.0	0.0	0.0	3.4	
Block	3.9	122.5	122.5	122.5	126.1	-0.2	0.0	0.0	3.0	
Steel bars (armature)	5.1	127.5	124.6	123.2	122.0	1.8	-2.2	-1.1	-1.0	
Galvanised corrugated cast iron sheeting	1.5	124.4	125.7	125.9	126.3	0.0	1.0	0.2	0.4	
Timber: (a) Carpentry	6.1	105.8	107.7	108.7	108.7	0.6	1.7	1.0	0.0	
(b) Joinery	2.4	103.6	106.9	108.0	108.0	0.4	3.1	1.1	0.0	
Steel sections & ironmongery for metal openings	4.9	111.3	114.7	115.6	116.9	1.4	3.1	0.8	1.1	
Ceramic tiles	1.4	112.1	114.3	115.0	115.0	3.4	2.0	0.6	0.0	
Glass,putty and oil	0.8	113.5	113.5	113.5	113.5	1.6	0.0	0.0	0.0	
Paint	1.9	129.5	130.3	130.4	130.4	0.1	0.6	0.0	0.0	
Plumbing	2.1	113.9	114.8	115.1	115.2	0.6	0.7	0.3	0.2	
Sanitary installation	2.0	114.0	114.8	116.3	116.9	1.6	0.6	1.4	0.5	
Electrical installation	3.2	115.5	116.5	116.9	117.2	1.4	0.9	0.4	0.2	
Other	2.7	110.4	110.7	111.8	112.2	0.1	0.3	1.0	0.4	
<b>TRANSPORT</b>	<b>4.5</b>	<b>106.8</b>	<b>106.8</b>	<b>106.8</b>	<b>119.4</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>11.7</b>	
<b>Overall index and change</b>		<b>111.6</b>	<b>111.9</b>	<b>112.1</b>	<b>114.5</b>	<b>0.4</b>	<b>0.3</b>	<b>0.1</b>	<b>2.1</b>	



Chart 1: Monthly sub-indices for the main input categories, October 1995 - September 1997



Cost Price Index for the construction of a single storey house (Input Price Index)  
(Base : 4th Quarter 1993 = 100 )

Table B1: Monthly sub-indices by work categories, October 1996 - September 1997

Work Categories	Weight	1997											
		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept
1. Setting up	2.9	116.6	116.6	116.8	117.5	117.5	117.6	117.6	117.6	117.9	118.8	119.2	119.2
2. Setting out	0.5	108.7	108.7	109.7	109.7	111.6	111.9	111.9	111.9	111.9	114.4	114.4	114.4
3. Temporary works	1.1	107.2	107.2	108.6	108.6	113.0	113.1	113.1	113.1	113.1	113.9	113.9	113.9
4. Site preparation,excavation & disposal,hardcore filling	5.5	108.0	108.0	108.0	108.0	108.0	108.0	108.0	108.0	108.0	111.1	111.3	111.3
5. Concrete	20.1	109.8	109.8	109.8	109.8	109.8	109.8	109.8	109.8	109.8	112.3	113.4	113.4
6. Reinforcement	8.3	121.6	121.6	118.9	118.9	118.9	118.9	118.9	118.9	116.3	118.5	118.5	121.5
7. Formwork (coffrage)	9.8	107.4	107.4	108.3	108.3	108.3	108.7	108.7	108.7	108.7	110.3	110.3	110.3
8. Blockwork	7.6	115.2	115.2	115.2	115.2	115.2	115.2	115.2	115.2	115.2	117.0	119.8	119.8
9. Softwood joinery	2.8	104.0	104.0	105.2	105.2	108.2	108.2	108.2	108.2	108.2	109.1	109.1	109.1
10. Ironmongery	0.9	114.0	114.0	114.0	114.0	114.0	114.0	114.0	114.0	114.0	115.0	115.0	115.0
11. Steel windows & doors	5.3	109.9	109.9	113.7	114.3	114.3	115.1	115.1	115.1	115.1	115.6	115.9	118.8
12. Rendering to wall/ceiling (crepissage)	9.8	108.9	108.9	108.9	108.9	108.9	108.9	108.9	108.9	108.9	112.2	112.3	112.3
13. Bed & screed to floor/roof	4.1	108.2	108.2	108.2	108.2	108.2	108.2	108.2	108.2	108.2	109.9	110.3	110.3
14. Tiling	2.4	109.5	112.7	112.7	112.7	112.7	113.5	113.5	113.5	113.5	114.9	114.9	114.9
15. Glazing	1.0	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	114.3	114.3	114.3
16. Painting	4.3	118.3	118.3	118.3	118.7	118.7	118.7	118.7	119.5	119.5	121.9	121.9	121.9
17. Plumbing/sanitary inst.	5.9	112.3	112.5	112.5	112.5	113.6	113.6	113.6	113.6	113.8	115.2	115.2	115.4
18. Electrical installation	5.1	112.5	114.0	114.0	114.0	114.5	114.4	114.4	114.4	114.4	116.0	116.0	116.0
19. Drainage	2.6	109.7	109.7	109.8	109.8	110.0	110.1	110.1	110.1	110.1	112.3	113.1	113.1
<b>OVERALL INDEX</b>		<b>111.4</b>	<b>111.6</b>	<b>111.7</b>	<b>111.8</b>	<b>111.9</b>	<b>112.0</b>	<b>112.1</b>	<b>112.2</b>	<b>112.0</b>	<b>114.0</b>	<b>114.5</b>	<b>114.9</b>

Cost Price Index for the construction of a single storey house (Input Price Index)  
(Base : 4th Quarter 1993 = 100)

Table B2 : Percentage change from previous month by work categories, October 1996 - September 1997

Work Categories	Weight	1996												1997				
		Sep to Oct	Oct to Nov	Nov to Dec	Dec-96 to Jan 97	Jan to Feb	Feb to Mar	Mar to Apr	Apr to May	May to Jun	Jun to Jul	Jul to Aug	Aug to Sept					
		Oct	Nov	Dec	Jan 97	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept					
1. Setting up	2.9	0.0	0.0	0.2	0.5	0.0	0.0	0.1	0.0	0.3	0.8	0.3	0.0					
2. Setting out	0.5	0.0	0.0	1.0	0.0	0.0	0.2	0.0	0.0	0.0	2.2	0.0	0.0					
3. Temporary works	1.1	0.0	0.0	1.3	0.0	0.0	0.1	0.0	0.0	0.0	0.7	0.0	0.0					
4. Site preparation, excavation & disposal, hardcore filling	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9	0.1	0.0					
5. Concrete	20.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3	0.9	0.0					
6. Reinforcement	8.3	0.0	0.0	-2.2	0.0	0.0	0.0	0.0	0.0	-2.2	1.9	0.0	2.5					
7. Formwork (coffrage)	9.8	0.0	0.0	0.8	0.0	0.0	0.4	0.0	0.0	0.0	1.5	0.0	0.0					
8. Blockwork	7.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	2.4	0.0					
9. Softwood joinery	2.8	0.0	0.0	1.1	0.0	2.9	0.0	0.0	0.0	0.0	0.9	0.0	0.0					
10. Ironmongery	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0					
11. Steel windows & doors	5.3	0.1	0.0	3.5	0.5	0.0	0.7	0.0	0.0	0.0	0.4	0.3	2.5					
12. Rendering to wall/ceiling (crepsage)	9.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.1	0.0					
13. Bed & screed to floor/roof	4.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.4	0.0					
14. Tiling	2.4	0.0	2.9	0.0	0.0	0.6	0.1	0.0	0.0	0.0	1.3	0.0	0.0					
15. Glazing	1.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.0	0.0					
16. Painting	4.3	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.7	0.0	2.0	0.0	0.0					
17. Plumbing/sanitary inst.	5.9	0.4	0.2	0.0	0.0	0.6	0.0	0.0	0.0	0.2	1.2	0.0	0.2					
18. Electrical installation	5.1	0.0	1.4	0.0	0.0	0.4	0.0	0.0	0.0	0.0	1.3	0.0	0.0					
19. Drainage	2.6	0.0	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.0	1.9	0.7	0.0					
<b>OVERALL CHANGE</b>		<b>0.0</b>	<b>0.2</b>	<b>0.1</b>	<b>0.1</b>	<b>0.2</b>	<b>0.1</b>	<b>0.1</b>	<b>0.1</b>	<b>-0.2</b>	<b>1.8</b>	<b>0.4</b>	<b>0.4</b>					

**Cost Price Index for the construction of a single storey house (Input Price Index)**  
(Base : 4th Quarter 1993 = 100)

**Table B3: Percentage change from corresponding month of previous year by work categories, January 1997 to September 1997**

Work Categories	Weight	Jan 96 to	Feb 96 to	Mar 96 to	Apr 96 to	May 96 to	Jun 96 to	Jul 96 to	Aug 96 to	Sep 96 to
		Jan-97	Feb-97	Mar-97	Apr-97	May-97	Jun-97	Jul-97	Aug-97	Sep-97
1. Setting up	2.9	4.9	4.9	4.9	5.0	5.0	1.1	1.9	2.2	2.2
2. Setting out	0.5	3.7	5.5	5.5	5.8	5.8	4.6	5.3	5.3	5.3
3. Temporary works	1.1	4.9	9.1	9.1	9.2	9.2	6.5	6.2	6.2	6.2
4. Site preparation, excavation & disposal, hardcore filling	5.5	2.0	2.0	2.0	2.0	2.0	1.7	2.9	3.0	3.0
5. Concrete	20.1	3.6	3.6	3.6	3.6	3.6	-0.1	2.3	3.3	3.3
6. Reinforcement	8.3	9.7	9.7	7.9	7.9	6.6	2.3	3.4	-2.7	-0.1
7. Formwork (coffrage)	9.8	1.8	1.8	1.8	2.2	2.2	1.9	2.7	2.7	2.7
8. Blockwork	7.6	4.9	4.9	4.9	4.9	4.9	-1.1	1.4	3.8	4.0
9. Softwood joinery	2.8	6.6	9.6	9.6	9.6	9.0	4.9	4.9	4.9	4.9
10. Ironmongery	0.9	1.3	1.3	1.3	1.3	1.3	0.5	0.9	0.9	0.9
11. Steel windows & doors	5.3	10.8	10.8	10.8	11.6	11.6	6.1	5.3	5.6	8.3
12. Rendering to wall/ceiling (crepissage)	9.8	2.7	2.7	2.7	2.7	2.7	1.5	3.0	3.1	3.1
13. Bed & screed to floor/roof	4.1	3.5	3.5	3.5	3.5	3.5	0.1	1.6	2.0	2.0
14. Tiling	2.4	5.0	5.0	5.6	5.2	5.2	4.5	5.0	5.0	5.0
15. Glazing	1.0	6.4	6.2	6.2	6.2	6.2	1.5	2.9	2.9	2.9
16. Painting	4.3	2.3	2.3	2.3	2.3	3.0	1.9	3.1	3.0	3.0
17. Plumbing/sanitary inst.	5.9	5.3	5.1	5.8	5.3	5.3	2.7	3.3	3.4	3.2
18. Electrical installation	5.1	8.0	4.5	4.9	4.9	4.9	2.7	3.1	3.1	3.1
19. Drainage	2.6	3.7	3.8	3.9	4.0	4.0	0.3	2.3	3.0	3.1
<b>OVERALL CHANGE</b>		<b>4.7</b>	<b>4.6</b>	<b>4.6</b>	<b>4.6</b>	<b>4.5</b>	<b>1.6</b>	<b>2.9</b>	<b>2.8</b>	<b>3.2</b>



Cost Price Index for the construction of a single storey house (Input Price Index)  
(Base : 4th Quarter 1993 = 100)

Table B5 : Quarterly average of monthly indices and percentage changes by work categories, October 1996 - September 1997

Work Categories	Weight	Quarterly average				% change from previous quarter			
		1997				97			
		1996 4th Qr	1st Qr	2nd Qr	3rd Qr	4th Qr 96	1st Qr 97	2nd Qr 97	3rd Qr 97
1. Setting up	2.9	116.7	117.5	117.7	119.1	0.1	0.7	0.2	1.2
2. Setting out	0.5	109.0	111.0	111.9	114.4	0.3	1.8	0.8	2.2
3. Temporary works	1.1	107.7	111.5	113.1	113.9	0.4	3.6	1.4	0.7
4. Site preparation,excavation & disposal,hardcore filling	5.5	108.0	108.0	108.0	111.2	0.0	0.0	0.0	3.0
5. Concrete	20.1	109.8	109.8	109.8	113.0	0.0	0.0	0.0	2.9
6. Reinforcement	8.3	120.7	118.9	118.1	119.5	1.1	-1.4	-0.7	1.2
7. Formwork (coffrage)	9.8	107.7	108.3	108.7	110.3	0.3	0.5	0.4	1.5
8. Blockwork	7.6	115.2	115.2	115.2	118.9	-0.1	0.0	0.0	3.2
9. Softwood joinery	2.8	104.4	107.2	108.2	109.1	0.4	2.7	0.9	0.9
10. Ironmongery	0.9	114.0	114.0	114.0	115.0	0.0	0.0	0.0	0.9
11. Steel windows & doors	5.3	111.2	114.3	115.1	116.8	1.3	2.8	0.7	1.5
12. Rendering to wall/ceiling (crepissage)	9.8	108.9	108.9	108.9	112.3	0.0	0.0	0.0	3.1
13. Bed & screed to floor/roof	4.1	108.2	108.2	108.2	110.2	0.0	0.0	0.0	1.9
14. Tiling	2.4	111.6	112.9	113.5	114.9	2.0	1.1	0.5	1.3
15. Glazing	1.0	112.5	112.5	112.5	114.3	1.3	0.0	0.0	1.6
16. Painting	4.3	118.3	118.7	119.2	121.9	0.1	0.3	0.5	2.2
17. Plumbing/sanitary inst.	5.9	112.5	113.0	113.7	115.3	0.8	0.5	0.6	1.4
18. Electrical installation	5.1	113.5	114.2	114.4	116.0	0.9	0.6	0.2	1.3
19. Drainage	2.6	109.8	110.0	110.1	112.8	0.0	0.2	0.2	2.4
<b>Overall index and change</b>		<b>111.6</b>	<b>111.9</b>	<b>112.1</b>	<b>114.5</b>	<b>0.4</b>	<b>0.3</b>	<b>0.1</b>	<b>2.1</b>

**Description of the model used for establishing the  
Construction Price Index**

The model used is a single storey (ground floor) detached house of 108.75 square metres (1,171 square feet) in floor area measured at plinth level to the external face of the external walls.

It comprises two bedrooms, a living-dining room, a kitchen, w.c. and bathroom. The building has concrete block walls, reinforced concrete flat roof, internal flush plywood doors, glazed metal openings, screeded floor and roof, tiling to floor and walls of w.c. and bathroom and kitchen worktop; the ceilings and walls are rendered and painted both internally and externally. Plumbing, sanitary installation and electrical installation are included as well as drainage which is to be connected to the sewerage system. Site works are restricted to spreading and levelling surplus excavated material around the site.

The Index excludes the cost of the building permit and the draughtman's fee; these two items represent 0.2 % and 1.0% of the total cost respectively.

It is assumed that although the house is not constructed by a contractor, the client has recourse to the services of a foreman.