

CONSTRUCTION PRICE INDEX (Input Cost Index for the construction of a single storey house)

4th Quarter 2019

1. Introduction

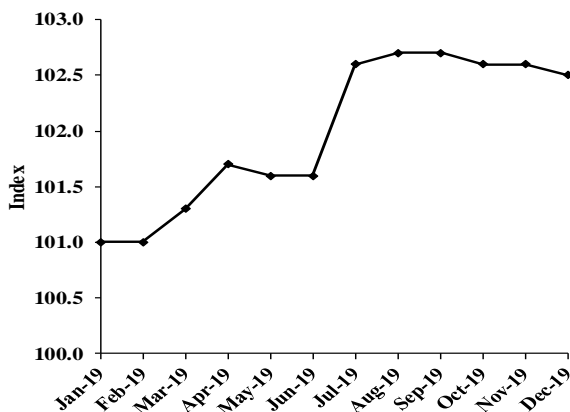
This issue of the Economic and Social Indicators presents the monthly Construction Price Index (residential) for the fourth quarter of 2019 with first quarter of 2018 as base period. Figures showing the evolution of the index during the past twelve months are also included.

The methodology used for compiling the index is given in the annexed technical notes. Figures have been rounded to one or two decimal places although they have been calculated to many decimal places.

2. Evolution of Construction Price Index (January 2019 to December 2019)

The Construction Price index which stood at 101.0 in January 2019, maintained an increasing trend to reach 101.7 in April 2019 before dropping to 101.6 in May 2019. The index remained at the same level in June 2019 and rose to 102.6 in July 2019 and 102.7 in August 2019. No change was observed in September 2019. The index declined to 102.6 in October 2019, remained at the same point in November 2019 and further decreased to 102.5 in December 2019.

**Chart 1: Construction Price Index
January 2019 to December 2019**



3. Changes in Construction Price Index (October to December 2019)

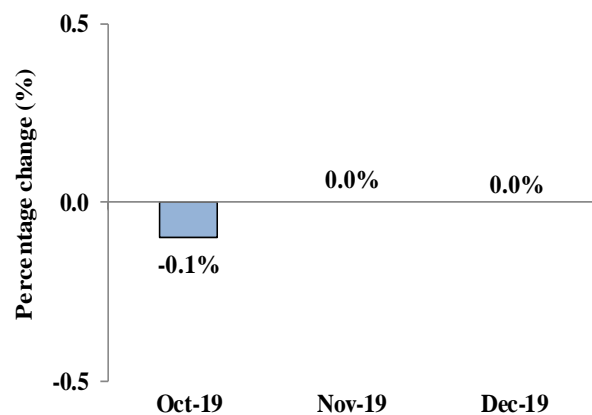
The Construction Price Index, which stood at 102.7 at the end of September 2019, decreased by 0.1% to reach 102.6 in October 2019, due to decreases in the

prices of steel bars (1.1%) and tiles and granite (0.5%).

The index remained at the same point in November 2019.

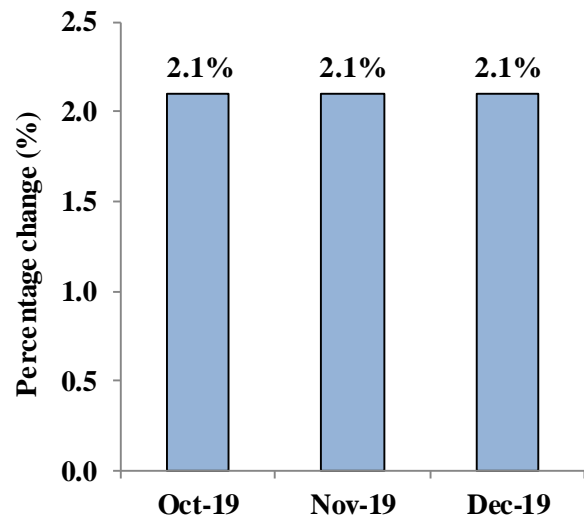
In December 2019, the index registered a slight drop to reach 102.5. This contraction is mainly due to decreases in the prices of steel bars (0.2%) and tiles and granite (0.8%).

Chart 2: Percentage change from previous month



Compared to the corresponding months of the previous year, the index increased by 2.1% in each month during the fourth quarter of 2019. (Table 1.3).

Chart 3: Percentage change from corresponding month of previous year



4. Changes by Input Categories

Changes by input categories are shown in Tables 1.1 to 1.5.

During the fourth quarter of 2019, no change was registered in the “Labour”, “Hire of Plant” and “Transport” sub-indices.

The “Materials” sub-index decreased by 0.1% in October 2019 as a result of contractions in the prices of steel bars (1.1%) and tiles and granite (0.5%). The sub-index registered no change in November 2019. In December 2019, the sub-index contracted by 0.1% following decreases in the prices of steel bars (0.2%) and tiles and granite (0.8%).

The net monthly contributions of the input categories to the index during the period January 2019 to December 2019 are shown in Table 1.4.

Quarterly averages of the monthly indices by input category and the percentage change from quarter to quarter are shown in Table 1.5.

5. Changes by Work Category

Changes by work category are shown in Tables 2.1 to 2.5.

In October 2019, the decreases in the prices of steel bars (1.1%) led to a contraction of 0.1% in the grey building sub-index. At the level of work categories, the main changes are as follows: “Reinforcement” (-0.9%) and “Kitchen fit-out” (-0.7%).

In November 2019, the grey building sub-index and the other work categories registered no change.

In December 2019, the grey building sub-index remained at 103.9. However, at the level of work categories, the following price changes were observed: “Reinforcement” (-0.2%), “Tiling” (-0.2%) and “Kitchen fit-out” (-0.9%).

Table 2.4 shows the net monthly contributions of the work categories to the index since January 2019.

Quarterly averages of the monthly indices by work category and the percentage changes from quarter to quarter are shown in Table 2.5.

6. Past Trends

Table 3.1 summarises the monthly indices, the quarterly and yearly averages as well as the percentage changes in the yearly average since 2009. The base period for the calculation of the index as from 2009 up to 2018 is the second quarter of 2009. As from 2018, the base period used is the first quarter of 2018.

The series are not strictly comparable because of different base periods. However, for some particular purposes, comparison between the series may be necessary. A chain linked series with base period first quarter 2018, has been worked out and is given in Table 3.2.

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Input Cost Index for the construction of a single storey house

(Base: 1st Quarter 2018 = 100)

Table 1.1: Monthly sub-indices by input category, January to December 2019

| Input Categories | Weight | 2019 | | | | | | | | | | | |
|-------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| | | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
| LABOUR | 24.1 | 101.9 | 101.9 | 101.9 | 101.9 | 101.9 | 101.9 | 101.9 | 101.9 | 101.9 | 101.9 | 101.9 | 101.9 |
| HIRE OF PLANT | 5.0 | 101.7 | 101.7 | 101.7 | 101.7 | 101.7 | 101.7 | 101.7 | 101.7 | 101.7 | 101.7 | 101.7 | 101.7 |
| MATERIALS : | 68.6 | 100.7 | 100.7 | 101.1 | 101.6 | 101.6 | 101.5 | 103.0 | 103.1 | 103.1 | 103.0 | 103.0 | 102.9 |
| Hardcore (remplissage) | 2.0 | 102.1 | 102.1 | 102.1 | 102.1 | 102.1 | 102.1 | 102.1 | 102.1 | 102.1 | 102.1 | 102.1 | 102.1 |
| Damp proofing | 0.2 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 95.9 | 95.9 | 95.9 | 95.9 | 94.9 | 94.9 | 94.9 |
| Cement | 4.1 | 101.8 | 101.8 | 107.6 | 107.6 | 107.6 | 107.7 | 107.7 | 107.7 | 107.7 | 107.6 | 107.6 | 107.6 |
| Aggregate | 3.1 | 100.5 | 100.5 | 100.5 | 100.5 | 100.5 | 100.5 | 100.5 | 100.5 | 100.5 | 100.5 | 100.5 | 100.5 |
| Block | 3.2 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 126.2 | 126.2 | 126.2 | 126.2 | 126.2 | 126.2 |
| Premixed concrete | 13.9 | 100.0 | 100.0 | 100.0 | 103.4 | 103.4 | 103.4 | 104.5 | 105.3 | 105.3 | 105.3 | 105.3 | 105.3 |
| Premixed mortar | 5.0 | 100.0 | 100.0 | 100.8 | 100.8 | 101.2 | 101.2 | 101.2 | 101.2 | 101.2 | 101.2 | 101.2 | 101.2 |
| Steel bars (armature) | 6.4 | 103.1 | 103.1 | 102.6 | 102.5 | 101.2 | 100.9 | 100.0 | 99.7 | 99.8 | 98.6 | 98.7 | 98.5 |
| Timber: (a) Carpentry | 1.9 | 102.9 | 102.9 | 102.9 | 102.1 | 102.1 | 102.4 | 102.8 | 102.9 | 102.9 | 102.9 | 102.8 | 102.9 |
| (b) Joinery | 2.1 | 103.5 | 103.5 | 103.6 | 103.4 | 103.5 | 103.5 | 103.3 | 103.3 | 103.2 | 103.3 | 103.4 | 103.4 |
| Aluminium openings | 13.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Tiles and granite | 3.6 | 100.2 | 100.2 | 100.2 | 99.7 | 100.0 | 99.3 | 100.0 | 99.5 | 99.5 | 99.1 | 99.1 | 98.2 |
| Adhesive | 0.2 | 100.3 | 100.3 | 100.3 | 100.3 | 100.3 | 100.3 | 100.3 | 100.3 | 100.3 | 100.0 | 100.0 | 100.3 |
| Paint | 1.0 | 103.0 | 103.0 | 102.6 | 102.0 | 102.0 | 102.0 | 103.9 | 105.4 | 105.4 | 105.4 | 105.4 | 105.4 |
| Laminated flooring | 2.4 | 100.0 | 100.0 | 100.0 | 98.9 | 99.6 | 99.5 | 99.5 | 99.3 | 100.2 | 100.2 | 100.2 | 100.2 |
| Plumbing | 3.9 | 100.5 | 100.5 | 100.5 | 100.5 | 100.5 | 100.7 | 100.7 | 100.7 | 100.7 | 100.7 | 100.7 | 100.7 |
| Sanitary installation | 0.7 | 98.9 | 98.9 | 98.9 | 98.0 | 98.2 | 98.6 | 98.6 | 98.6 | 98.9 | 99.1 | 99.1 | 99.1 |
| Electrical installation | 1.5 | 99.6 | 99.6 | 99.6 | 99.4 | 99.4 | 99.0 | 99.0 | 99.0 | 98.6 | 98.3 | 98.3 | 98.3 |
| TRANSPORT | 2.2 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Total | 100.0 | 101.0 | 101.0 | 101.3 | 101.7 | 101.6 | 101.6 | 102.6 | 102.7 | 102.7 | 102.6 | 102.6 | 102.5 |

Input Cost Index for the construction of a single storey house

(Base: 1st Quarter 2018 = 100)

Table 1.2: Percentage change ¹ from previous month by input category, January to December 2019

| Input Categories | Weight | 2019 | | | | | | | | | | | |
|-------------------------|--------------|------------|------------|------------|------------|------------|-------------|------------|------------|------------|-------------|------------|-------------|
| | | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
| LABOUR | 24.1 | 1.9 | 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 | 5.0 | 1.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| MATERIALS : | 68.6 | 0.1 | 0.0 | 0.3 | 0.6 | 0.0 | -0.1 | 1.4 | 0.1 | 0.0 | -0.1 | 0.0 | -0.1 |
| Hardcore (remplissage) | 2.0 | 1.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Damp proofing | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | -4.1 | 0.0 | 0.0 | 0.0 | -1.0 | 0.0 | 0.0 |
| Cement | 4.1 | 0.0 | 0.0 | 5.7 | 0.0 | 0.0 | 0.1 | 0.0 | 0.0 | 0.0 | -0.1 | 0.0 | 0.0 |
| Aggregate | 3.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Block | 3.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 26.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Premixed concrete | 13.9 | 0.0 | 0.0 | 0.0 | 3.4 | 0.0 | 0.0 | 1.1 | 0.7 | 0.0 | 0.0 | 0.0 | 0.0 |
| Premixed mortar | 5.0 | 0.0 | 0.0 | 0.8 | 0.0 | 0.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Steel bars (armature) | 6.4 | 0.0 | 0.0 | -0.5 | -0.1 | -1.3 | -0.3 | -0.9 | -0.3 | 0.0 | -1.1 | 0.1 | -0.2 |
| Timber: (a) Carpentry | 1.9 | 1.0 | 0.0 | 0.0 | -0.8 | 0.0 | 0.3 | 0.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| (b) Joinery | 2.1 | 0.0 | 0.0 | 0.1 | -0.2 | 0.0 | 0.1 | -0.3 | 0.0 | -0.1 | 0.1 | 0.1 | 0.0 |
| Aluminium openings | 13.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Tiles and granite | 3.6 | 0.3 | 0.0 | 0.0 | -0.5 | 0.4 | -0.8 | 0.7 | -0.5 | 0.0 | -0.5 | 0.0 | -0.8 |
| Adhesive | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | -0.3 | 0.0 | 0.3 |
| Paint | 1.0 | 0.0 | 0.0 | -0.4 | -0.6 | 0.1 | -0.1 | 1.9 | 1.5 | 0.0 | 0.0 | 0.0 | 0.0 |
| Laminated flooring | 2.4 | 0.0 | 0.0 | 0.0 | -1.1 | 0.8 | -0.1 | 0.0 | -0.2 | 0.9 | 0.0 | 0.0 | 0.0 |
| Plumbing | 3.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Sanitary installation | 0.7 | 0.0 | 0.0 | 0.0 | -0.8 | 0.2 | 0.4 | 0.0 | 0.0 | 0.3 | 0.2 | 0.0 | 0.0 |
| Electrical installation | 1.5 | 0.0 | 0.0 | 0.0 | -0.3 | 0.0 | -0.3 | 0.0 | 0.0 | -0.5 | -0.3 | 0.0 | 0.0 |
| TRANSPORT | 2.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Total | 100.0 | 0.6 | 0.0 | 0.2 | 0.4 | 0.0 | 0.0 | 1.0 | 0.1 | 0.0 | -0.1 | 0.0 | 0.0 |

¹ % change has been computed from unrounded indices and hence may vary slightly from the change in rounded indices.

Input Cost Index for the construction of a single storey house

(Base: 1st Quarter 2018 = 100)

Table 1.3: Percentage change ¹ from corresponding month of previous year by input category, January to December 2019

| Input Categories | Weight | Percentage change from corresponding month of previous year | | | | | | | | | | | |
|-------------------------|--------------|---|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| | | Jan 19 | Feb 19 | Mar 19 | Apr 19 | May 19 | Jun 19 | Jul 19 | Aug 19 | Sep 19 | Oct 19 | Nov 19 | Dec 19 |
| LABOUR | 24.1 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 |
| HIRE OF PLANT | 5.0 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 |
| MATERIALS : | 68.6 | 1.1 | 0.6 | 0.9 | 1.3 | 1.2 | 1.0 | 2.3 | 2.3 | 2.4 | 2.3 | 2.3 | 2.2 |
| Hardcore (remplissage) | 2.0 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 1.9 | 1.9 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 |
| Damp proofing | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | -4.1 | -4.1 | -4.1 | -4.1 | -5.1 | -5.1 | -5.1 |
| Cement | 4.1 | 4.8 | 0.7 | 5.8 | 5.8 | 5.8 | 5.9 | 5.9 | 5.9 | 5.9 | 5.7 | 5.7 | 5.7 |
| Aggregate | 3.1 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.2 | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Block | 3.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 26.2 | 26.2 | 26.2 | 26.2 | 26.2 | 26.2 |
| Premixed concrete | 13.9 | 0.0 | 0.0 | 0.0 | 3.4 | 3.4 | 3.4 | 4.5 | 5.3 | 5.3 | 5.3 | 5.3 | 5.3 |
| Premixed mortar | 5.0 | 0.0 | 0.0 | 0.8 | 0.8 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 |
| Steel bars (armature) | 6.4 | 4.2 | 2.7 | 2.3 | 1.7 | -0.4 | -1.6 | -3.4 | -3.9 | -3.6 | -4.4 | -4.3 | -4.5 |
| Timber: (a) Carpentry | 1.9 | 3.0 | 2.8 | 2.8 | 0.4 | 0.5 | 0.7 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| (b) Joinery | 2.1 | 3.5 | 3.5 | 3.6 | 0.0 | 0.0 | 0.0 | -0.3 | -0.3 | -0.3 | -0.2 | -0.2 | -0.2 |
| Aluminium openings | 13.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Tiles and granite | 3.6 | 0.2 | 0.2 | 0.2 | -0.3 | 0.0 | -0.7 | 0.0 | -0.5 | -0.4 | -0.9 | -0.9 | -1.7 |
| Adhesive | 0.2 | 0.3 | 0.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | -0.3 | -0.3 | 0.0 |
| Paint | 1.0 | 3.4 | 2.9 | 2.4 | 1.8 | 1.4 | -0.3 | 0.9 | 2.4 | 2.4 | 2.3 | 2.3 | 2.3 |
| Laminated flooring | 2.4 | 0.0 | 0.0 | 0.0 | -1.1 | -0.4 | -0.5 | -0.5 | -0.7 | 0.2 | 0.2 | 0.2 | 0.2 |
| Plumbing | 3.9 | 1.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 |
| Sanitary installation | 0.7 | -1.2 | -1.2 | -1.0 | -1.9 | -1.4 | -1.2 | -1.3 | -1.3 | -1.1 | -0.2 | -0.2 | 0.2 |
| Electrical installation | 1.5 | -0.4 | -0.4 | -0.4 | -0.6 | -0.6 | -1.0 | -1.0 | -1.0 | -1.5 | -1.8 | -1.8 | -1.4 |
| TRANSPORT | 2.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Total | 100.0 | 1.3 | 1.0 | 1.2 | 1.4 | 1.3 | 1.2 | 2.1 | 2.1 | 2.2 | 2.1 | 2.1 | 2.1 |

¹ % change has been computed from unrounded indices and hence may vary slightly from the change in rounded indices.

Input Cost Index for the construction of a single storey house

(Base: 1st Quarter 2018 = 100)

Table 1.4: Net monthly contributions of input categories to the index, January to December 2019

| Input Categories | Weight | 2019 | | | | | | | | | | | |
|-------------------------|--------------|-------------|-------------|-------------|-------------|--------------|--------------|-------------|-------------|-------------|--------------|-------------|--------------|
| | | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
| LABOUR | 24.1 | 0.46 | 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 | 5.0 | 0.08 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| MATERIALS : | 68.6 | 0.05 | 0.00 | 0.24 | 0.38 | -0.03 | -0.04 | 0.98 | 0.08 | 0.02 | -0.10 | 0.01 | -0.04 |
| Hardcore (remplissage) | 2.0 | 0.03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Damp proofing | 0.2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Cement | 4.1 | 0.00 | 0.00 | 0.23 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Aggregate | 3.1 | 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 | 3.2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.83 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Premixed concrete | 13.9 | 0.00 | 0.00 | 0.00 | 0.47 | 0.00 | 0.00 | 0.16 | 0.10 | 0.00 | 0.00 | 0.00 | 0.00 |
| Premixed mortar | 5.0 | 0.00 | 0.00 | 0.04 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Steel bars (armature) | 6.4 | 0.00 | 0.00 | -0.03 | -0.01 | -0.09 | -0.02 | -0.06 | -0.02 | 0.00 | -0.07 | 0.00 | -0.01 |
| Timber: (a) Carpentry | 1.9 | 0.02 | 0.00 | 0.00 | -0.02 | 0.00 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| (b) Joinery | 2.1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Aluminium openings | 13.3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Tiles and granite | 3.6 | 0.01 | 0.00 | 0.00 | -0.02 | 0.01 | -0.03 | 0.03 | -0.02 | 0.00 | -0.02 | 0.00 | -0.03 |
| Adhesive | 0.2 | 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 | 1.0 | 0.00 | 0.00 | 0.00 | -0.01 | 0.00 | 0.00 | 0.02 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 |
| Laminated flooring | 2.4 | 0.00 | 0.00 | 0.00 | -0.03 | 0.02 | 0.00 | 0.00 | -0.01 | 0.02 | 0.00 | 0.00 | 0.00 |
| Plumbing | 3.9 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Sanitary installation | 0.7 | 0.00 | 0.00 | 0.00 | -0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Electrical installation | 1.5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.01 | 0.00 | 0.00 | -0.01 | 0.00 | 0.00 | 0.00 |
| TRANSPORT | 2.2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | 100.0 | 0.60 | 0.00 | 0.24 | 0.39 | -0.03 | -0.04 | 0.98 | 0.08 | 0.02 | -0.10 | 0.01 | -0.04 |

Input Cost Index for the construction of a single storey house

(Base: 1st Quarter 2018= 100)

Table 1.5: Quarterly average of monthly indices and percentage changes ¹ by input category, 1st Quarter 2019 to 4th Quarter 2019

| Input Categories | Weight | 2019 | | | | % change from previous quarter | | | |
|-------------------------|--------------|--------------|--------------|--------------|--------------|--------------------------------|----------------|----------------|----------------|
| | | 1st Qr | 2nd Qr | 3rd Qr | 4th Qr | 1st Qr 2019 | 2nd Qr 2019 | 3rd Qr 2019 | 4th Qr 2019 |
| LABOUR | 24.1 | 101.9 | 101.9 | 101.9 | 101.9 | 1.9 | 0.0 | 0.0 | 0.0 |
| HIRE OF PLANT | 5.0 | 101.7 | 101.7 | 101.7 | 101.7 | 1.7 | 0.1 | 0.0 | 0.0 |
| MATERIALS : | 68.6 | 100.9 | 101.6 | 103.0 | 102.9 | 0.2 | 0.7 | 1.4 | -0.1 |
| Hardcore (remplissage) | 2.0 | 102.1 | 102.1 | 102.1 | 102.1 | 1.3 | 0.0 | 0.0 | 0.0 |
| Damp proofing | 0.2 | 100.0 | 98.6 | 95.9 | 94.9 | 0.0 | -1.4 | -2.8 | -1.0 |
| Cement | 4.1 | 103.7 | 107.6 | 107.7 | 107.6 | 1.9 | 3.8 | 0.1 | -0.1 |
| Aggregate | 3.1 | 100.5 | 100.5 | 100.5 | 100.5 | 0.0 | 0.0 | 0.0 | 0.0 |
| Block | 3.2 | 100.0 | 100.0 | 126.2 | 126.2 | 0.0 | 0.0 | 26.2 | 0.0 |
| Premixed concrete | 13.9 | 100.0 | 103.4 | 105.0 | 105.3 | 0.0 | 3.4 | 1.6 | 0.2 |
| Premixed mortar | 5.0 | 100.3 | 101.1 | 101.2 | 101.2 | 0.3 | 0.8 | 0.1 | 0.0 |
| Steel bars (armature) | 6.4 | 103.0 | 101.5 | 99.8 | 98.6 | -0.2 | -1.4 | -1.7 | -1.2 |
| Timber: (a) Carpentry | 1.9 | 102.9 | 102.2 | 102.9 | 102.9 | 1.0 | -0.7 | 0.7 | 0.0 |
| (b) Joinery | 2.1 | 103.5 | 103.5 | 103.2 | 103.3 | 0.0 | -0.1 | -0.2 | 0.1 |
| Aluminium openings | 13.3 | 100.0 | 100.0 | 100.0 | 100.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Tiles and granite | 3.6 | 100.2 | 99.7 | 99.7 | 98.8 | 0.2 | -0.5 | 0.0 | -0.9 |
| Adhesive | 0.2 | 100.3 | 100.3 | 100.3 | 100.1 | 0.0 | 0.0 | 0.0 | -0.2 |
| Paint | 1.0 | 102.9 | 102.0 | 104.9 | 105.4 | -0.1 | -0.9 | 2.8 | 0.5 |
| Laminated flooring | 2.4 | 100.0 | 99.3 | 99.7 | 100.2 | 0.0 | -0.7 | 0.3 | 0.5 |
| Plumbing | 3.9 | 100.5 | 100.5 | 100.7 | 100.7 | 0.0 | 0.1 | 0.1 | 0.0 |
| Sanitary installation | 0.7 | 98.9 | 98.3 | 98.7 | 99.1 | -0.3 | -0.6 | 0.4 | 0.3 |
| Electrical installation | 1.5 | 99.6 | 99.3 | 98.9 | 98.3 | -0.3 | -0.4 | -0.4 | -0.6 |
| TRANSPORT | 2.2 | 100.0 | 100.0 | 100.0 | 100.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Total | 100.0 | 101.1 | 101.6 | 102.6 | 102.6 | 0.7 | 0.5 | 1.0 | 0.0 |

¹ % change has been computed from unrounded indices and hence may vary slightly from the change in rounded indices.

Input Cost Index for the construction of a single storey house

(Base: 1st Quarter 2018 = 100)

Table 2.1: Monthly sub-indices by work category, January to December 2019

| Work Categories | Weight | 2019 | | | | | | | | | | | |
|--|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| | | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
| 1. Grey building | 58.3 | 101.2 | 101.2 | 101.6 | 102.4 | 102.3 | 102.3 | 103.9 | 104.0 | 104.0 | 103.9 | 103.9 | 103.9 |
| 1.1. Earthworks | 4.5 | 102.1 | 102.1 | 102.1 | 102.1 | 102.1 | 102.1 | 102.1 | 102.1 | 102.1 | 102.1 | 102.1 | 102.1 |
| 1.2. Concrete works | 19.3 | 100.3 | 100.3 | 101.0 | 103.4 | 103.4 | 103.4 | 104.2 | 104.7 | 104.7 | 104.7 | 104.7 | 104.7 |
| 1.3. Reinforcement | 7.9 | 102.9 | 102.9 | 102.5 | 102.4 | 101.3 | 101.1 | 100.4 | 100.1 | 100.2 | 99.2 | 99.3 | 99.2 |
| 1.4. Formwork (coffrage) | 6.5 | 102.0 | 102.0 | 102.0 | 101.8 | 101.9 | 101.9 | 102.1 | 102.1 | 102.1 | 102.1 | 102.1 | 102.1 |
| 1.5. Blockwork | 6.8 | 100.8 | 100.8 | 101.1 | 101.1 | 101.1 | 101.1 | 113.4 | 113.4 | 113.4 | 113.4 | 113.4 | 113.4 |
| 1.6. Plastering to ceilings and walls | 9.3 | 100.9 | 100.9 | 101.3 | 101.3 | 101.5 | 101.5 | 101.5 | 101.5 | 101.5 | 101.5 | 101.5 | 101.5 |
| 1.7. Screeding to floors and roofs | 4.0 | 101.5 | 101.5 | 103.7 | 103.7 | 103.7 | 103.8 | 103.8 | 103.8 | 103.8 | 103.7 | 103.7 | 103.7 |
| 2. External openings | 12.2 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 3. Internal openings and joinery works | 2.7 | 102.1 | 102.1 | 102.1 | 101.8 | 101.8 | 101.9 | 101.7 | 101.7 | 101.6 | 101.6 | 101.6 | 101.6 |
| 4. Tiling | 3.8 | 100.5 | 100.5 | 100.5 | 100.1 | 100.4 | 100.4 | 100.4 | 100.0 | 100.0 | 100.0 | 100.0 | 99.8 |
| 5. Painting | 1.9 | 102.5 | 102.5 | 102.3 | 102.0 | 102.0 | 102.0 | 103.0 | 103.8 | 103.8 | 103.8 | 103.8 | 103.8 |
| 6. Parquet | 2.5 | 100.1 | 100.1 | 100.1 | 99.1 | 99.8 | 99.7 | 99.7 | 99.4 | 100.3 | 100.3 | 100.3 | 100.3 |
| 7. Kitchen fit-out | 2.2 | 102.5 | 102.5 | 102.6 | 102.8 | 102.8 | 101.5 | 102.6 | 102.6 | 102.6 | 101.9 | 102.0 | 101.1 |
| 8. Bathroom fit-out | 1.7 | 99.6 | 99.6 | 99.6 | 99.2 | 99.3 | 99.5 | 99.5 | 99.5 | 99.6 | 99.7 | 99.7 | 99.7 |
| 9. Electrical works | 2.2 | 100.4 | 100.4 | 100.4 | 100.2 | 100.2 | 100.0 | 100.0 | 100.0 | 99.7 | 99.5 | 99.5 | 99.5 |
| 10. Plumbing and Drainage | 6.7 | 101.2 | 101.2 | 101.2 | 101.1 | 101.1 | 101.3 | 101.3 | 101.3 | 101.3 | 101.3 | 101.3 | 101.3 |
| 11. Site overhead costs | 5.8 | 101.3 | 101.3 | 101.3 | 101.3 | 101.3 | 101.3 | 101.3 | 101.3 | 101.3 | 101.3 | 101.3 | 101.3 |
| Total | 100.0 | 101.0 | 101.0 | 101.3 | 101.7 | 101.6 | 101.6 | 102.6 | 102.7 | 102.7 | 102.6 | 102.6 | 102.5 |

Input Cost Index for the construction of a single storey house

(Base: 1st Quarter 2018 = 100)

Table 2.2: Percentage change ¹ from previous month by work category, January to December 2019

| Work Categories | Weight | 2019 | | | | | | | | | | | |
|--|--------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|-------------|------------|------------|
| | | Jan 19 | Feb 19 | Mar 19 | Apr 19 | May 19 | Jun 19 | Jul 19 | Aug 19 | Sep 19 | Oct 19 | Nov 19 | Dec 19 |
| 1. Grey building | 58.3 | 0.6 | 0.0 | 0.4 | 0.8 | -0.1 | 0.0 | 1.6 | 0.1 | 0.0 | -0.1 | 0.0 | 0.0 |
| 1.1. Earthworks | 4.5 | 1.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 1.2. Concrete works | 19.3 | 0.0 | 0.0 | 0.6 | 2.4 | 0.0 | 0.0 | 0.8 | 0.5 | 0.0 | 0.0 | 0.0 | 0.0 |
| 1.3. Reinforcement | 7.9 | 0.4 | 0.0 | -0.4 | -0.1 | -1.1 | -0.2 | -0.7 | -0.2 | 0.0 | -0.9 | 0.1 | -0.2 |
| 1.4. Formwork (coffrage) | 6.5 | 1.5 | 0.0 | 0.0 | -0.2 | 0.0 | 0.1 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 1.5. Blockwork | 6.8 | 0.7 | 0.0 | 0.3 | 0.0 | 0.0 | 0.0 | 12.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 1.6. Plastering to ceilings and walls | 9.3 | 0.9 | 0.0 | 0.4 | 0.0 | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 1.7. Screeding to floors and roofs | 4 | 0.7 | 0.0 | 2.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 2. External openings | 12.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 3. Internal openings and joinery works | 2.7 | 0.8 | 0.0 | 0.0 | -0.3 | 0.0 | 0.0 | -0.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 4. Tiling | 3.8 | 0.6 | 0.0 | 0.0 | -0.4 | 0.3 | 0.0 | 0.0 | -0.4 | 0.0 | 0.0 | 0.0 | -0.2 |
| 5. Painting | 1.9 | 0.9 | 0.0 | -0.2 | -0.3 | 0.0 | 0.0 | 1.0 | 0.8 | 0.0 | 0.0 | 0.0 | 0.0 |
| 6. Parquet | 2.5 | 0.1 | 0.0 | 0.0 | -1.0 | 0.7 | -0.1 | 0.0 | -0.2 | 0.8 | 0.0 | 0.0 | 0.0 |
| 7. Kitchen fit-out | 2.2 | 0.7 | 0.0 | 0.0 | 0.2 | 0.0 | -1.3 | 1.2 | 0.0 | 0.0 | -0.7 | 0.1 | -0.9 |
| 8. Bathroom fit-out | 1.7 | 0.0 | 0.0 | 0.0 | -0.4 | 0.1 | 0.2 | 0.0 | 0.0 | 0.1 | 0.1 | 0.0 | 0.0 |
| 9. Electrical works | 2.2 | 0.7 | 0.0 | 0.0 | -0.2 | 0.0 | -0.2 | 0.0 | 0.0 | -0.3 | -0.2 | 0.0 | 0.0 |
| 10. Plumbing and Drainage | 6.7 | 0.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 11. Site overhead costs | 5.8 | 1.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Total | 100.0 | 0.6 | 0.0 | 0.2 | 0.4 | 0.0 | 0.0 | 1.0 | 0.1 | 0.0 | -0.1 | 0.0 | 0.0 |

¹ % change has been computed from unrounded indices and hence may vary slightly from the change in rounded indices.

Input Cost Index for the construction of a single storey house

(Base: 1st Quarter 2018 = 100)

Table 2.3: Percentage change ¹ from corresponding month of previous year by work category, January to December 2019

| Work Categories | Weight | Percentage change from corresponding month of previous year | | | | | | | | | | | |
|--|--------------|---|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| | | Jan 19 | Feb 19 | Mar 19 | Apr 19 | May 19 | Jun 19 | Jul 19 | Aug 19 | Sep 19 | Oct 19 | Nov 19 | Dec 19 |
| 1. Grey building | 58.3 | 1.5 | 1.1 | 1.5 | 2.1 | 2.0 | 1.8 | 3.3 | 3.4 | 3.4 | 3.3 | 3.3 | 3.3 |
| 1.1. Earthworks | 4.5 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.0 | 2.0 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 |
| 1.2. Concrete works | 19.3 | 0.6 | 0.2 | 0.8 | 3.2 | 3.2 | 3.1 | 3.9 | 4.5 | 4.5 | 4.4 | 4.4 | 4.4 |
| 1.3. Reinforcement | 7.9 | 3.7 | 2.6 | 2.2 | 1.7 | 0.0 | -1.0 | -2.4 | -2.8 | -2.6 | -3.2 | -3.2 | -3.3 |
| 1.4. Formwork (coffrage) | 6.5 | 2.1 | 2.0 | 2.0 | 1.4 | 1.4 | 1.5 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 |
| 1.5. Blockwork | 6.8 | 1.0 | 0.7 | 1.0 | 1.0 | 1.0 | 1.0 | 13.2 | 13.2 | 13.2 | 13.2 | 13.2 | 13.2 |
| 1.6. Plastering to ceilings and walls | 9.3 | 0.9 | 0.9 | 1.3 | 1.3 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 |
| 1.7. Screeding to floors and roofs | 4.0 | 2.6 | 1.1 | 3.1 | 3.1 | 3.1 | 3.1 | 3.1 | 3.1 | 3.1 | 3.0 | 3.0 | 3.0 |
| 2. External openings | 12.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 3. Internal openings and joinery works | 2.7 | 2.1 | 2.1 | 2.1 | 0.5 | 0.5 | 0.6 | 0.4 | 0.4 | 0.3 | 0.3 | 0.3 | 0.3 |
| 4. Tiling | 3.8 | 0.5 | 0.5 | 0.5 | 0.1 | 0.4 | 0.4 | 0.4 | 0.0 | 0.0 | 0.0 | 0.0 | -0.1 |
| 5. Painting | 1.9 | 2.7 | 2.4 | 2.2 | 1.9 | 1.6 | 0.7 | 1.4 | 2.2 | 2.2 | 2.1 | 2.1 | 2.1 |
| 6. Parquet | 2.5 | 0.1 | 0.1 | 0.1 | -0.9 | -0.2 | -0.3 | -0.3 | -0.6 | 0.3 | 0.3 | 0.3 | 0.3 |
| 7. Kitchen fit-out | 2.2 | 2.5 | 2.5 | 2.6 | 0.9 | 0.9 | -0.4 | 0.8 | 0.8 | 0.8 | 0.1 | 0.2 | -0.7 |
| 8. Bathroom fit-out | 1.7 | -0.4 | -0.4 | -0.3 | -0.7 | -0.5 | -0.4 | -0.5 | -0.5 | -0.4 | 0.0 | 0.0 | 0.1 |
| 9. Electrical works | 2.2 | 0.4 | 0.4 | 0.4 | 0.2 | 0.2 | 0.0 | 0.0 | 0.0 | -0.3 | -0.5 | -0.5 | -0.2 |
| 10. Plumbing and Drainage | 6.7 | 1.7 | 0.9 | 0.9 | 0.9 | 0.9 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| 11. Site overhead costs | 5.8 | 1.3 | 1.3 | 1.3 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 |
| Total | 100.0 | 1.3 | 1.0 | 1.2 | 1.4 | 1.3 | 1.2 | 2.1 | 2.1 | 2.2 | 2.1 | 2.1 | 2.1 |

Input Cost Index for the construction of a single storey house

(Base: 1st Quarter 2018 = 100)

Table 2.4: Net monthly contributions of work categories to the index, January to December 2019

| Work Categories | Weight | 2019 | | | | | | | | | | | |
|--|--------------|-------------|-------------|-------------|-------------|--------------|--------------|-------------|-------------|-------------|--------------|-------------|--------------|
| | | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
| 1. Grey building | 58.3 | 0.37 | 0.00 | 0.24 | 0.45 | -0.06 | -0.02 | 0.94 | 0.09 | 0.00 | -0.08 | 0.00 | -0.01 |
| 1.1. Earthworks | 4.5 | 0.08 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 1.2. Concrete works | 19.3 | 0.01 | 0.00 | 0.12 | 0.47 | 0.00 | -0.01 | 0.16 | 0.10 | 0.00 | 0.00 | 0.00 | 0.00 |
| 1.3. Reinforcement | 7.9 | 0.03 | 0.00 | -0.03 | -0.01 | -0.09 | -0.02 | -0.06 | -0.02 | 0.00 | -0.07 | 0.00 | -0.01 |
| 1.4. Formwork (coffrage) | 6.5 | 0.10 | 0.00 | 0.00 | -0.01 | 0.00 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 1.5. Blockwork | 6.8 | 0.04 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.83 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 1.6. Plastering to ceilings and walls | 9.3 | 0.08 | 0.00 | 0.04 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 1.7. Screeding to floors and roofs | 4.0 | 0.03 | 0.00 | 0.09 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2. External openings | 12.2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3. Internal openings and joinery works | 2.7 | 0.02 | 0.00 | 0.00 | -0.01 | 0.00 | 0.00 | -0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 4. Tiling | 3.8 | 0.02 | 0.00 | 0.00 | -0.02 | 0.01 | 0.00 | 0.00 | -0.02 | 0.00 | 0.00 | 0.00 | -0.01 |
| 5. Painting | 1.9 | 0.02 | 0.00 | 0.00 | -0.01 | 0.00 | 0.00 | 0.02 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 |
| 6. Parquet | 2.5 | 0.00 | 0.00 | 0.00 | -0.03 | 0.02 | 0.00 | 0.00 | -0.01 | 0.02 | 0.00 | 0.00 | 0.00 |
| 7. Kitchen fit-out | 2.2 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | -0.03 | 0.03 | 0.00 | 0.00 | -0.02 | 0.00 | -0.02 |
| 8. Bathroom fit-out | 1.7 | 0.00 | 0.00 | 0.00 | -0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 9. Electrical works | 2.2 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | -0.01 | 0.00 | 0.00 | -0.01 | 0.00 | 0.00 | 0.00 |
| 10. Plumbing and Drainage | 6.7 | 0.06 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 11. Site overhead costs | 5.8 | 0.07 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | 100.0 | 0.60 | 0.00 | 0.24 | 0.39 | -0.03 | -0.04 | 0.98 | 0.08 | 0.02 | -0.10 | 0.01 | -0.04 |

Input Cost Index for the construction of a single storey house

(Base: 1st Quarter 2018= 100)

Table 2.5 Quarterly average of monthly indices and percentage changes by work category, 1st Quarter 2019 to 4th Quarter 2019

| Work Categories | Weight | 2019 | | | | % change ¹ from previous quarter | | | |
|--|--------------|--------------|--------------|--------------|--------------|---|-------------|-------------|-------------|
| | | 1st Qr | 2nd Qr | 3rd Qr | 4th Qr | 1st Qr 2019 | 2nd Qr 2019 | 3rd Qr 2019 | 4th Qr 2019 |
| 1. Grey building | 58.3 | 101.4 | 102.3 | 104.0 | 103.9 | 0.8 | 1.0 | 1.6 | -0.1 |
| 1.1. Earthworks | 4.5 | 102.1 | 102.1 | 102.1 | 102.1 | 1.7 | 0.0 | 0.0 | 0.0 |
| 1.2. Concrete works | 19.3 | 100.5 | 103.4 | 104.5 | 104.7 | 0.3 | 2.8 | 1.1 | 0.1 |
| 1.3. Reinforcement | 7.9 | 102.8 | 101.6 | 100.2 | 99.2 | 0.2 | -1.1 | -1.4 | -1.0 |
| 1.4. Formwork (coffrage) | 6.5 | 102.0 | 101.9 | 102.1 | 102.1 | 1.5 | -0.1 | 0.2 | 0.0 |
| 1.5. Blockwork | 6.8 | 100.9 | 101.1 | 113.4 | 113.4 | 0.8 | 0.2 | 12.1 | 0.0 |
| 1.6. Plastering to ceilings and walls | 9.3 | 101.0 | 101.5 | 101.5 | 101.5 | 1.0 | 0.4 | 0.1 | 0.0 |
| 1.7. Screeding to floors and roofs | 4.0 | 102.2 | 103.8 | 103.8 | 103.7 | 1.5 | 1.5 | 0.0 | 0.0 |
| 2. External openings | 12.2 | 100.0 | 100.0 | 100.0 | 100.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 3. Internal openings and joinery works | 2.7 | 102.1 | 101.9 | 101.7 | 101.6 | 0.8 | -0.3 | -0.2 | 0.0 |
| 4. Tiling | 3.8 | 100.5 | 100.3 | 100.1 | 99.9 | 0.5 | -0.2 | -0.2 | -0.2 |
| 5. Painting | 1.9 | 102.5 | 102.0 | 103.5 | 103.8 | 0.8 | -0.5 | 1.5 | 0.3 |
| 6. Parquet | 2.5 | 100.1 | 99.5 | 99.8 | 100.3 | 0.1 | -0.6 | 0.3 | 0.5 |
| 7. Kitchen fit-out | 2.2 | 102.5 | 102.3 | 102.6 | 101.7 | 0.7 | -0.2 | 0.3 | -1.0 |
| 8. Bathroom fit-out | 1.7 | 99.6 | 99.3 | 99.5 | 99.7 | 0.0 | -0.3 | 0.2 | 0.2 |
| 9. Electrical works | 2.2 | 100.4 | 100.2 | 99.9 | 99.5 | 0.5 | -0.2 | -0.3 | -0.4 |
| 10. Plumbing and Drainage | 6.7 | 101.2 | 101.2 | 101.3 | 101.3 | 0.9 | 0.0 | 0.1 | 0.0 |
| 11. Site overhead costs | 5.8 | 101.3 | 101.3 | 101.3 | 101.3 | 1.2 | 0.0 | 0.0 | 0.0 |
| Total | 100.0 | 101.1 | 101.6 | 102.6 | 102.6 | 0.7 | 0.5 | 1.0 | 0.0 |

¹ % change has been computed from unrounded indices and hence may vary slightly from the change in rounded indices.

Table 3.1: Construction Price Index - April 2009 to December 2019

| Month | <i>(Base: 2nd Quarter 2009 = 100)</i> | | | | | | | | | | (Base: 1st Quarter 2018 = 100) | |
|--|---------------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------------------------------|--------------|
| | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2018 | 2019 |
| January | | 100.3 | 102.8 | 106.7 | 109.8 | 112.6 | 113.8 | 114.2 | 114.6 | 117.2 | 99.8 | 101.0 |
| February | | 100.3 | 104.1 | 106.8 | 110.5 | 112.6 | 113.7 | 113.9 | 114.6 | 118.4 | 100.1 | 101.0 |
| March | | 98.8 | 104.5 | 106.8 | 110.4 | 112.6 | 113.9 | 113.8 | 114.6 | 118.5 | 100.1 | 101.3 |
| <i>1st Quarter</i> | | 99.8 | 103.8 | 106.8 | 110.2 | 112.6 | 113.8 | 114.0 | 114.6 | 118.1 | 100.0 | 101.1 |
| April | 100.2 | 98.8 | 104.5 | 108.6 | 110.9 | 112.6 | 114.0 | 113.8 | 114.7 | 118.6 | 100.2 | 101.7 |
| May | 100.0 | 100.2 | 104.4 | 108.6 | 110.9 | 112.5 | 114.0 | 113.9 | 114.7 | 118.7 | 100.3 | 101.6 |
| June | 99.8 | 100.4 | 104.4 | 108.6 | 111.0 | 112.5 | 114.1 | 113.9 | 114.7 | 118.8 | 100.4 | 101.6 |
| <i>2nd Quarter</i> | 100.0 | 99.8 | 104.4 | 108.6 | 110.9 | 112.5 | 114.0 | 113.9 | 114.7 | 118.7 | 100.3 | 101.6 |
| July | 100.6 | 100.9 | 104.3 | 108.7 | 111.0 | 112.4 | 114.1 | 114.1 | 114.8 | 119.0 | 100.5 | 102.6 |
| August | 100.2 | 100.8 | 105.0 | 108.7 | 111.0 | 112.3 | 114.2 | 114.1 | 114.8 | 119.0 | 100.5 | 102.7 |
| September | 100.2 | 100.8 | 105.2 | 108.8 | 111.1 | 112.3 | 114.3 | 114.1 | 114.9 | 118.9 | 100.5 | 102.7 |
| <i>3rd Quarter</i> | 100.3 | 100.9 | 104.8 | 108.7 | 111.0 | 112.4 | 114.2 | 114.1 | 114.8 | 119.0 | 100.5 | 102.6 |
| October | 100.3 | 101.4 | 105.4 | 108.8 | 111.2 | 112.4 | 114.2 | 114.1 | 114.9 | 118.9 | 100.5 | 102.6 |
| November | 100.3 | 101.6 | 105.4 | 108.8 | 111.2 | 112.3 | 114.0 | 114.1 | 116.3 | 118.9 | 100.5 | 102.6 |
| December | 100.3 | 101.7 | 105.5 | 108.9 | 111.5 | 112.3 | 113.8 | 114.1 | 116.3 | 118.9 | 100.5 | 102.5 |
| <i>4th Quarter</i> | 100.3 | 101.6 | 105.4 | 108.8 | 111.3 | 112.3 | 114.0 | 114.1 | 115.8 | 118.9 | 100.5 | 102.6 |
| Yearly average | | 100.5 | 104.6 | 108.2 | 110.9 | 112.5 | 114.0 | 114.0 | 115.0 | 118.7 | 100.3 | 102.0 |
| % change ¹ in the yearly average | | -0.1 | 4.1 | 3.5 | 2.4 | 1.4 | 1.4 | 0.0 | 0.8 | 3.2 | | 1.7 |

¹ % change has been computed from unrounded indices and hence may vary slightly from the change in rounded indices.

Table 3.2: Construction Price Index - January 2009 to December 2019 (Base period 1st Qtr 2018=100)

| Month | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 |
|--|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|--------------|
| January | 86.5 | 84.9 | 87.0 | 90.4 | 93.0 | 95.4 | 96.4 | 96.7 | 97.0 | 99.8 | 101.0 |
| February | 86.5 | 84.9 | 88.2 | 90.5 | 93.6 | 95.4 | 96.3 | 96.5 | 97.0 | 100.1 | 101.0 |
| March | 85.2 | 83.7 | 88.6 | 90.5 | 93.5 | 95.4 | 96.5 | 96.4 | 97.1 | 100.1 | 101.3 |
| <i>1st Quarter</i> | 86.0 | 84.5 | 87.9 | 90.5 | 93.4 | 95.4 | 96.4 | 96.5 | 97.0 | 100.0 | 101.1 |
| April | 84.9 | 83.7 | 88.5 | 92.0 | 93.9 | 95.4 | 96.6 | 96.4 | 97.1 | 100.2 | 101.7 |
| May | 84.7 | 84.8 | 88.5 | 92.0 | 93.9 | 95.3 | 96.6 | 96.5 | 97.2 | 100.3 | 101.6 |
| June | 84.5 | 85.0 | 88.5 | 92.0 | 94.0 | 95.3 | 96.7 | 96.5 | 97.2 | 100.4 | 101.6 |
| <i>2nd Quarter</i> | 84.7 | 84.5 | 88.5 | 92.0 | 94.0 | 95.3 | 96.6 | 96.5 | 97.2 | 100.3 | 101.6 |
| July | 85.2 | 85.5 | 88.4 | 92.1 | 94.0 | 95.2 | 96.7 | 96.6 | 97.2 | 100.5 | 102.6 |
| August | 84.9 | 85.4 | 88.9 | 92.1 | 94.1 | 95.2 | 96.8 | 96.6 | 97.2 | 100.5 | 102.7 |
| September | 84.9 | 85.4 | 89.1 | 92.2 | 94.1 | 95.1 | 96.8 | 96.6 | 97.3 | 100.5 | 102.7 |
| <i>3rd Quarter</i> | 85.0 | 85.4 | 88.8 | 92.1 | 94.0 | 95.2 | 96.7 | 96.6 | 97.2 | 100.5 | 102.6 |
| October | 85.0 | 85.9 | 89.3 | 92.1 | 94.2 | 95.2 | 96.7 | 96.7 | 97.3 | 100.5 | 102.6 |
| November | 85.0 | 86.1 | 89.3 | 92.2 | 94.2 | 95.1 | 96.6 | 96.7 | 98.5 | 100.5 | 102.6 |
| December | 85.0 | 86.2 | 89.3 | 92.2 | 94.4 | 95.1 | 96.4 | 96.7 | 98.5 | 100.5 | 102.5 |
| <i>4th Quarter</i> | 85.0 | 86.1 | 89.3 | 92.2 | 94.3 | 95.2 | 96.6 | 96.7 | 98.1 | 100.5 | 102.6 |
| Yearly average | 85.2 | 85.1 | 88.6 | 91.7 | 93.9 | 95.3 | 96.6 | 96.6 | 97.4 | 100.3 | 102.0 |
| % change ¹ in the yearly average | | -0.1 | 4.1 | 3.5 | 2.4 | 1.4 | 1.4 | 0.0 | 0.8 | 3.0 | 1.7 |

¹ % change has been computed from unrounded indices and hence may vary slightly from the change in rounded indices.

Technical Note

Methodology for the compilation of the Construction Price Index

(i) Introduction

A Construction Price Index measures the change in the level of construction prices. The construction industry is very broad and highly diversified with considerable variations from one type of construction to another. This makes it difficult to derive generalized indices that would be applicable to the industry as a whole. Hence, separate indices for the different types of construction need to be compiled. At present, Statistics Mauritius publishes an index that covers residential buildings only.

(ii) Types of Construction Price Indices

Different approaches to index number compilation are used depending on the purpose for which the index is required. There are two main types of construction price indices:

The Output Price Index

In this approach, specific projects representative of the various categories of construction works are selected as models and construction firms are surveyed and asked to provide estimates of the prevailing market prices for each of the projects. As such, the output price indices respond to the changes in prices of materials used and cost of labour, as well as changes in overhead costs and profits.

The Input Price Index

The index is based on prices of a representative selection of basic inputs (labour, plant, materials and transport) that go into the construction work. Hence, the input price index measures the change in the cost of resources to the contractor, and not the change in the price that the client pays.

The office opted for the input price index which, though more limiting than the output price index, is simpler and less expensive to construct and maintain.

(iii) Selection of representative dwelling

Since it would have been too time-consuming and costly to include all major types of residential dwellings, it was decided to restrict the index to a model dwelling, representing the most common type of dwelling in 2017. This model dwelling was determined on the basis of the 2011 Housing Census data and developments assumed to have taken place during the period 2011 to 2017. The drawings of the prototype model dwelling were provided by the Mauritius Housing Company Ltd. A description of the model is given at paragraph (viii) below.

(iv) Weighting scheme

The quantity survey work to determine the weighting pattern for the index was entrusted to a private Quantity Surveyor following established procedures.

Any given construction consists of an assembly of a certain number of stages or work categories. Seventeen stages or broad work categories were identified and detailed costs of inputs in terms of labour, plant, materials and transport that go into the construction of the selected model were calculated under each of the work categories. The weights have been worked out in such a way that they can be presented in terms of inputs as well as work categories. For publication purposes, weights and sub-indices are also shown for broad input categories of labour, plant, materials and transport, and also for “grey building”.

(v) Data collection

The data needed for the computation of the index are collected every month from a sample of around 70 outlets in 8 regions of the island. Prices are collected in respect of some 91 items, representative of all items that go into the computation of the index.

(vi) Calculation of the Construction Price Index

The Construction Price Index is a weighted average of price relatives of individual items, based on the modified Laspeyres formula:

$$I_t = \frac{\sum W_i (P_{it} / P_{i0})}{\sum W_i} \times 100$$

where I_t = index for current period t
 P_{i0} = price of item i at base period 0
 P_{it} = price of item i at current period t
 W_i = weight of item i

The base period is the 1st quarter of 2018.

At the level of individual items, the Jevons formula is used to calculate price relatives, that is, the geometric mean is used to compute the lowest level indices.

(vii) Uses

- a) Construction price indices give an indication of the change in the level of prices of construction works. As such, they are used as deflators for the measurement of real growth in the construction sector.
- b) They are also useful for evaluating cost fluctuations in contracts regarding construction works and for renegotiating owner-tenant agreements.

(viii) Description of model dwelling

The model used is a single storey (ground floor) detached house of 137 square meters (1,475 square feet) in floor area measured at plinth level to the external face of the external walls. The overall area is inclusive of 17 square metres (183 square feet) in respect of a garage.

It comprises three bedrooms, a living-dining room, a kitchen, a toilet, a bathroom, a porch and an attached garage. The building has concrete block walls, reinforced concrete flat roof, internal flush plywood doors, aluminium openings for windows and entrance door, screeded floor and roof, tiling to floors, walls of w.c. and bathroom and kitchen worktop, laminated flooring in bedrooms; 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. The dwelling is also equipped with solar water heater and water tank.

Provision has been made, in the form of more substantial foundations and of stub columns on the roof, for converting the single into a two-storey house eventually. Site works are restricted to spreading and leveling surplus excavated material around the site.

The index excludes the cost of the building permit and the draughtman's fee.

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