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## **STATISTICAL RELEASE**

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# Construction Material Price Indices

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**CONTENTS**

|  |           |
|--|-----------|
| <b>KEY FINDINGS: CONTRACT PRICE ADJUSTMENT PROVISIONS (CPAP) .....</b>                       | <b>3</b>  |
| <b>KEY FINDINGS: CONSTRUCTION INPUT PRICE INDICES (CIPI).....</b>                            | <b>3</b>  |
| DETAILED RESULTS.....  | 4         |
| Table 1 - Contract price adjustment provisions (CPAP) work group indices.....                | 4         |
| Table 2 - Construction input price index (CIPI): material purchases by type of service ..... | 6         |
| Table 3 - Construction input price index (CIPI): material purchases for whole industry ..... | 7         |
| Table 4 - Mining and construction plant and equipment price index .....                      | 8         |
| Table 5 - Mechanical and electrical engineering input price indices .....                    | 8         |
| Table 6 - Civil engineering material price indices <sup>1</sup> .....                        | 8         |
| <b>EXPLANATORY NOTES .....</b>   | <b>9</b>  |
| <b>GLOSSARY.....</b>   | <b>9</b>  |
| <b>GENERAL INFORMATION .....</b>   | <b>10</b> |

**KEY FINDINGS: CONTRACT PRICE ADJUSTMENT PROVISIONS (CPAP)**

In June 2019, month-on-month percentage changes in the CPAP work group indices ranged from -2,4% for work group 110 to 1,2% for work groups 120 (Table 1).

Noteworthy changes in June 2019 were as follows:

- **Work group 120:** The index increased by 1,2% month-on-month. There was an increase of 1,8% month-on-month in the PPI for bituminous mixtures (accounting for 65,0% of this work group).
- **Work group 160:** The index decreased by 1,6% month-on-month. There was a decrease of 4,5% month-on-month in SEIFSA for copper 7,9mm rod (accounting for 35,0% of this work group).
- **Work group 162:** The index decreased by 2,1% month-on-month. There was a decrease of 4,5% month-on-month in SEIFSA for copper 7,9mm rod (accounting for 45,0% of this work group).
- **Work group 110:** The index decreased by 2,4% month-on-month. There was a decrease of 5,4% month-on-month in the PPI for cement (accounting for 45,0% of this work group).

**KEY FINDINGS: CONSTRUCTION INPUT PRICE INDICES (CIPI)**

- **Total construction:** The index decreased by 0,1% month-on-month, mainly due to civil engineering (-0,6%) (Table 2).
- **Civil engineering material – total:** The index decreased by 0,6% month-on-month (Table 6).

**Risenga Maluleke**  
**Statistician-General**

## DETAILED RESULTS

Table 1 - Contract price adjustment provisions (CPAP) work group indices

Base: Dec 2016=100

| Year and month |     | 102         | 104        | 106    | 110                           | 111      | 112              | 113             | 114           |
|----------------|-----|-------------|------------|--------|-------------------------------|----------|------------------|-----------------|---------------|
|                |     | Alterations | Earthworks | Piling | Concrete (excluding formwork) | Formwork | Precast concrete | Post tensioning | Reinforcement |
| 2018           | Jun | 107,6       | 105,1      | 108,2  | 111,9                         | 107,3    | 110,1            | 116,8           | 117,5         |
|                | Jul | 108,5       | 105,6      | 109,1  | 113,0                         | 108,6    | 111,7            | 121,5           | 120,1         |
|                | Aug | 108,4       | 106,3      | 109,7  | 113,2                         | 108,6    | 111,9            | 121,5           | 120,1         |
|                | Sep | 108,9       | 106,7      | 110,9  | 113,6                         | 109,4    | 113,4            | 136,9           | 125,6         |
|                | Oct | 109,4       | 106,9      | 112,0  | 114,8                         | 110,7    | 115,5            | 145,3           | 130,3         |
|                | Nov | 109,6       | 107,1      | 112,3  | 115,3                         | 111,3    | 116,0            | 145,4           | 130,4         |
|                | Dec | 109,4       | 106,9      | 112,3  | 115,9                         | 110,9    | 116,1            | 145,3           | 130,3         |
| 2019           | Jan | 109,2       | 108,1      | 113,6  | 117,3                         | 110,9    | 116,6            | 145,3           | 130,3         |
|                | Feb | 110,1       | 108,2      | 113,8  | 118,3                         | 111,5    | 117,2            | 145,5           | 130,5         |
|                | Mar | 111,0       | 108,7      | 114,5  | 120,4                         | 111,9    | 118,1            | 145,7           | 130,7         |
|                | Apr | 111,7       | 109,1      | 114,7  | 120,7                         | 112,5    | 118,4            | 145,9           | 130,9         |
|                | May | 112,0       | 109,2      | 115,5  | 123,7                         | 112,6    | 119,4            | 146,0           | 131,0         |
|                | Jun | 112,4       | 109,4      | 114,9  | 120,7                         | 112,8    | 118,6            | 146,1           | 131,1         |

| Year and month |     | 116                  | 118     | 120            | 122               | 124                   | 125                       | 126                   | 129      |
|----------------|-----|----------------------|---------|----------------|-------------------|-----------------------|---------------------------|-----------------------|----------|
|                |     | Brick and block work | Masonry | Water proofing | Non metal roofing | Metal roofing (steel) | Metal roofing (aluminium) | Carpentry and joinery | Ceilings |
| 2018           | Jun | 100,3                | 104,7   | 110,7          | 109,8             | 100,0                 | 110,2                     | 106,2                 | 103,1    |
|                | Jul | 100,5                | 105,3   | 115,0          | 109,7             | 102,9                 | 110,3                     | 106,6                 | 103,8    |
|                | Aug | 100,7                | 106,4   | 113,1          | 110,4             | 102,9                 | 110,3                     | 106,8                 | 103,5    |
|                | Sep | 101,0                | 108,5   | 113,6          | 110,3             | 106,0                 | 110,3                     | 107,1                 | 103,2    |
|                | Oct | 100,1                | 107,6   | 118,0          | 109,5             | 111,6                 | 110,4                     | 107,3                 | 104,6    |
|                | Nov | 100,2                | 106,4   | 120,9          | 109,6             | 111,6                 | 110,4                     | 108,2                 | 105,0    |
|                | Dec | 100,8                | 106,6   | 116,8          | 109,9             | 111,6                 | 110,4                     | 108,1                 | 104,8    |
| 2019           | Jan | 99,6                 | 105,9   | 110,7          | 110,1             | 107,5                 | 110,4                     | 108,2                 | 102,6    |
|                | Feb | 103,0                | 105,9   | 111,5          | 112,6             | 107,6                 | 110,5                     | 108,8                 | 102,8    |
|                | Mar | 103,9                | 107,5   | 116,4          | 114,2             | 107,7                 | 110,5                     | 109,6                 | 103,2    |
|                | Apr | 103,6                | 107,1   | 120,2          | 114,9             | 106,7                 | 110,6                     | 110,1                 | 103,7    |
|                | May | 103,6                | 107,7   | 121,7          | 113,4             | 105,6                 | 110,6                     | 110,5                 | 103,6    |
|                | Jun | 104,6                | 108,4   | 123,2          | 112,7             | 105,7                 | 110,7                     | 110,7                 | 103,6    |

| Year and month |     | 130                                | 132         | 134                               | 136       | 138                  | 140            | 141                  | 142              |
|----------------|-----|------------------------------------|-------------|-----------------------------------|-----------|----------------------|----------------|----------------------|------------------|
|                |     | Resilient floor and wall coverings | Ironmongery | Structural steelwork in buildings | Metalwork | Partitioning systems | Aluminium work | Stainless steel work | In situ finishes |
| 2018           | Jun | 107,6                              | 104,0       | 108,1                             | 107,7     | 107,0                | 111,0          | 111,1                | 110,0            |
|                | Jul | 107,8                              | 105,4       | 110,3                             | 110,6     | 107,6                | 111,3          | 114,2                | 110,9            |
|                | Aug | 107,8                              | 105,4       | 110,3                             | 110,5     | 107,6                | 111,3          | 115,5                | 111,0            |
|                | Sep | 108,2                              | 105,5       | 112,1                             | 112,8     | 108,3                | 111,8          | 115,6                | 111,6            |
|                | Oct | 108,7                              | 105,6       | 114,7                             | 116,3     | 109,0                | 113,1          | 114,5                | 112,4            |
|                | Nov | 109,7                              | 105,7       | 114,8                             | 116,3     | 109,1                | 112,7          | 115,8                | 112,6            |
|                | Dec | 109,6                              | 105,6       | 114,0                             | 115,4     | 109,0                | 112,6          | 113,5                | 112,8            |
| 2019           | Jan | 109,6                              | 108,2       | 113,9                             | 115,3     | 109,0                | 111,9          | 113,2                | 113,6            |
|                | Feb | 109,8                              | 108,4       | 114,3                             | 115,6     | 109,3                | 111,2          | 113,2                | 114,5            |
|                | Mar | 110,0                              | 112,9       | 114,7                             | 115,9     | 110,4                | 111,9          | 114,2                | 116,3            |
|                | Apr | 113,2                              | 113,1       | 116,2                             | 117,4     | 111,4                | 112,5          | 114,6                | 116,9            |
|                | May | 113,2                              | 113,1       | 115,6                             | 116,6     | 111,5                | 112,6          | 117,4 r              | 118,5            |
|                | Jun | 113,4                              | 113,2       | 115,8                             | 116,8     | 111,6                | 112,8          | 118,0                | 117,3            |

**Table 1 - Contract price adjustment provisions (CPAP) work group indices (concluded)****Base: Dec 2016=100**

| Year and month |     | 144    | 146      | 148      | 149  | 150     | 152      | 154      | 160                      |
|----------------|-----|--------|----------|----------|--|---------|----------|----------|--------------------------|
|                |     | Tiling | Drainage | Plumbing | Aluminium shop fronts and pre-glazed windows | Glazing | Painting | Roadwork | Electrical installations |
| 2018           | Jun | 106,3  | 104,2    | 103,9    | 106,3  | 100,8   | 108,5    | 114,3    | 109,6                    |
|                | Jul | 106,6  | 105,5    | 105,3    | 106,7  | 100,9   | 109,1    | 116,8    | 114,0                    |
|                | Aug | 106,7  | 105,5    | 105,6    | 106,7  | 100,8   | 108,8    | 116,3    | 108,7                    |
|                | Sep | 106,9  | 107,1    | 106,7    | 107,3  | 101,8   | 109,1    | 116,4    | 112,1                    |
|                | Oct | 107,1  | 107,7    | 106,9    | 108,5  | 103,3   | 109,4    | 119,3    | 115,2                    |
|                | Nov | 107,2  | 107,9    | 107,3    | 108,4  | 103,3   | 109,5    | 121,3    | 114,9                    |
|                | Dec | 107,1  | 107,4    | 106,5    | 108,4  | 103,3   | 109,3    | 119,3    | 112,9                    |
| 2019           | Jan | 108,3  | 107,6    | 106,6    | 108,0  | 103,2   | 109,5    | 116,5    | 111,4                    |
|                | Feb | 108,7  | 108,8    | 107,4    | 107,9  | 103,3   | 110,2    | 116,6    | 109,0                    |
|                | Mar | 109,0  | 109,2    | 107,8    | 108,4  | 103,4   | 113,5    | 117,8    | 112,5                    |
|                | Apr | 109,3  | 110,2    | 107,4    | 108,8  | 103,5   | 114,1    | 119,7    | 114,8                    |
|                | May | 109,4  | 110,3    | 108,0    | 109,0  | 103,5   | 114,4    | 119,8    | 113,6                    |
|                | Jun | 109,6  | 110,4    | 108,1    | 109,1  | 103,6   | 114,8    | 120,5    | 111,8                    |

| Year and month |     | 162                     | 170                 | 171                    | 172                         | 173                            | 180                         | 181                             | 190                    |
|----------------|-----|-------------------------|---------------------|------------------------|-----------------------------|--------------------------------|-----------------------------|---------------------------------|------------------------|
|                |     | Electrical reticulation | Mechanical services | Ductwork installations | Refrigeration installations | Steel water pipe installations | Lump sum domestic buildings | Commercial/industrial buildings | Lump sum preliminaries |
| 2018           | Jun | 111,9                   | 106,2               | 102,9                  | 109,0                       | 106,8                          | 106,0                       | 107,6                           | 108,4                  |
|                | Jul | 116,8                   | 109,0               | 107,9                  | 116,6                       | 110,0                          | 107,3                       | 109,1                           | 109,2                  |
|                | Aug | 107,9                   | 108,8               | 107,9                  | 111,7                       | 110,1                          | 106,9                       | 108,7                           | 109,5                  |
|                | Sep | 113,6                   | 109,3               | 110,0                  | 112,9                       | 111,1                          | 107,9                       | 109,8                           | 109,9                  |
|                | Oct | 116,3                   | 109,8               | 113,8                  | 115,3                       | 112,6                          | 108,8                       | 111,1                           | 111,9                  |
|                | Nov | 116,2                   | 109,8               | 113,8                  | 115,7                       | 112,5                          | 109,1                       | 111,5                           | 112,7                  |
|                | Dec | 112,4                   | 109,5               | 113,8                  | 114,0                       | 112,9                          | 108,7                       | 110,9                           | 110,4                  |
| 2019           | Jan | 111,6                   | 109,8               | 111,4                  | 111,3                       | 113,0                          | 108,2                       | 110,6                           | 108,9                  |
|                | Feb | 107,4                   | 109,6               | 111,4                  | 113,5                       | 112,3                          | 109,1                       | 111,0                           | 109,2                  |
|                | Mar | 111,9                   | 109,9               | 111,4                  | 116,8                       | 111,8                          | 110,5                       | 112,2                           | 111,0                  |
|                | Apr | 114,3                   | 111,0               | 111,1                  | 116,4                       | 112,0                          | 111,1                       | 113,0                           | 112,5                  |
|                | May | 113,6                   | 110,8               | 110,4                  | 114,0                       | 111,8                          | 111,3                       | 113,3                           | 112,7                  |
|                | Jun | 111,2                   | 110,5               | 110,4                  | 113,0                       | 111,9                          | 111,2                       | 113,0                           | 113,4                  |

**Table 2 - Construction input price index (CIPI): material purchases by type of service**

| Service  | Weight | Index (Dec 2016=100) |          |          | Percentage change     |                       |
|--|--------|----------------------|----------|----------|-----------------------|-----------------------|
|  |        | Jun 2018             | May 2019 | Jun 2019 | Jun 2019 vs. May 2019 | Jun 2019 vs. Jun 2018 |
| <b>Total construction</b>                                      | 100,00 | 108,6                | 116,2    | 116,1    | -0,1                  | 6,9                   |
| Site preparation   | 0,97   | 105,1                | 112,9    | 112,9    | 0,0                   | 7,4                   |
| Construction of buildings                                      | 23,96  | 103,7                | 109,8    | 110,0    | 0,2                   | 6,1                   |
| Civil engineering  | 36,88  | 114,0                | 124,7    | 124,0    | -0,6                  | 8,8                   |
| Other structures   | 1,54   | 107,4                | 114,2    | 114,8    | 0,5                   | 6,9                   |
| Construction by specialist trade contractors                   | 6,07   | 104,7                | 110,1    | 110,6    | 0,5                   | 5,6                   |
| Plumbing   | 1,72   | 100,7                | 104,6    | 104,6    | 0,0                   | 3,9                   |
| Electrical contractors   | 8,06   | 106,9                | 114,4    | 113,3    | -1,0                  | 6,0                   |
| Shopfitting  | 0,52   | 106,1                | 110,5    | 111,0    | 0,5                   | 4,6                   |
| Other building installation                                    | 7,63   | 106,3                | 110,7    | 110,5    | -0,2                  | 4,0                   |
| Painting and decorating  | 1,06   | 109,2                | 116,7    | 117,3    | 0,5                   | 7,4                   |
| Other building completion                                      | 8,35   | 107,2                | 112,9    | 114,1    | 1,1                   | 6,4                   |
| Renting of construction or demolition equipment with operators | 3,24   | 107,8                | 114,2    | 114,2    | 0,0                   | 5,9                   |

Table 3 - Construction input price index (CIPI): material purchases for whole industry

| Product   | Weight | Index (Dec 2016=100) |          |          | Percentage change     |                       |
|---|--------|----------------------|----------|----------|-----------------------|-----------------------|
|   |        | Jun 2018             | May 2019 | Jun 2019 | Jun 2019 vs. May 2019 | Jun 2019 vs. Jun 2018 |
| Total construction  | 100,00 | 108,6                | 116,2    | 116,1    | -0,1                  | 6,9                   |
| Construction stone and sand   | 9,23   | 130,8                | 134,6    | 134,5    | -0,1                  | 2,8                   |
| Aggregate stone   | 7,93   | 130,7                | 133,2    | 133,1    | -0,1                  | 1,8                   |
| Sand  | 0,82   | 133,0                | 150,0    | 149,5    | -0,3                  | 12,4                  |
| Granite, sandstone and other monumental and building stone            | 0,48   | 128,7                | 131,2    | 132,5    | 1,0                   | 3,0                   |
| Carpets (excluding mats and rugs)                                     | 1,00   | 107,5                | 115,1    | 115,1    | 0,0                   | 7,1                   |
| Boards of wood  | 1,69   | 110,3                | 110,9    | 110,9    | 0,0                   | 0,5                   |
| Builders' carpentry of wood   | 1,59   | 98,8                 | 108,1    | 108,1    | 0,0                   | 9,4                   |
| Paints  | 2,92   | 110,2                | 118,9    | 119,3    | 0,3                   | 8,3                   |
| Prepared explosives   | 0,34   | 105,9                | 117,7    | 117,7    | 0,0                   | 11,1                  |
| Construction tyres  | 0,63   | 106,7                | 110,6    | 110,6    | 0,0                   | 3,7                   |
| Construction pipes, tubes and fittings                                | 3,24   | 100,0                | 108,7    | 108,5    | -0,2                  | 8,5                   |
| Tubes, pipes, tube-fittings and pipe-fittings of copper               | 1,23   | 99,9                 | 104,9    | 104,3    | -0,6                  | 4,4                   |
| Concrete pipes  | 0,38   | 130,4                | 144,3    | 144,4    | 0,1                   | 10,7                  |
| Construction plastic pipes, tubes and fittings                        | 1,63   | 93,1                 | 103,3    | 103,3    | 0,0                   | 11,0                  |
| Adhesive and sealant  | 0,31   | 115,0                | 124,6    | 124,6    | 0,0                   | 8,3                   |
| Vinyl sheeting and flooring   | 0,04   | 111,4                | 117,0    | 117,1    | 0,1                   | 5,1                   |
| Non-structural ceramic ware   | 0,34   | 100,3                | 94,9     | 94,9     | 0,0                   | -5,4                  |
| Construction bricks and tiles   | 11,93  | 100,3                | 101,6    | 105,6    | 3,9                   | 5,3                   |
| Bricks  | 10,77  | 99,4                 | 100,5    | 105,2    | 4,7                   | 5,8                   |
| Tiles   | 1,16   | 109,3                | 111,1    | 110,0    | -1,0                  | 0,6                   |
| Cement  | 11,67  | 108,2                | 127,3    | 120,4    | -5,4                  | 11,3                  |
| Ready-mix concrete  | 5,68   | 84,5                 | 88,9     | 89,5     | 0,7                   | 5,9                   |
| Ceiling boards  | 1,38   | 93,2                 | 91,0     | 90,7     | -0,3                  | -2,7                  |
| Prefabricated cement and concrete components                          | 0,98   | 114,6                | 116,8    | 116,8    | 0,0                   | 1,9                   |
| Pre-mix asphalt   | 0,08   | 100,7                | 113,2    | 113,9    | 0,6                   | 13,1                  |
| Bituminous mixtures   | 8,28   | 118,7                | 132,7    | 135,1    | 1,8                   | 13,8                  |
| Construction structural and reinforcing steel                         | 18,41  | 111,7                | 120,2    | 120,3    | 0,1                   | 7,7                   |
| Bars and rods of iron or steel  | 9,16   | 113,0                | 124,2    | 124,2    | 0,0                   | 9,9                   |
| Reinforcing metal work  | 2,38   | 106,2                | 120,7    | 120,7    | 0,0                   | 13,7                  |
| Angles, shapes, sections and similar products of iron or steel        | 1,21   | 120,9                | 125,8    | 124,6    | -1,0                  | 3,1                   |
| Equipment for scaffolding, shuttering and propping                    | 1,95   | 109,7                | 114,4    | 114,0    | -0,3                  | 3,9                   |
| Welded angles, shapes and sections for use in manufactured structures | 2,97   | 109,7                | 111,6    | 111,6    | 0,0                   | 1,7                   |
| Steel door and window frames  | 0,74   | 110,3                | 110,3    | 115,8    | 5,0                   | 5,0                   |
| Wire of iron or steel   | 0,18   | 108,3                | 116,7    | 120,5    | 3,3                   | 11,3                  |
| Construction taps, cocks and valves                                   | 1,33   | 100,0                | 100,0    | 100,0    | 0,0                   | 0,0                   |
| Construction pumps, compressors and refrigerator machinery            | 4,94   | 104,6                | 106,0    | 106,0    | 0,0                   | 1,3                   |
| Construction electric motors, generators or transformers              | 0,90   | 105,9                | 109,3    | 108,8    | -0,5                  | 2,7                   |
| Electrical components   | 1,97   | 114,0                | 118,9    | 118,9    | 0,0                   | 4,3                   |
| Electrical cable  | 3,55   | 104,5                | 115,6    | 112,9    | -2,3                  | 8,0                   |
| Construction, distribution and control equipment                      | 5,44   | 106,1                | 112,5    | 112,5    | 0,0                   | 6,0                   |
| Construction vehicle parts  | 1,95   | 104,6                | 112,1    | 112,0    | -0,1                  | 7,1                   |

**Table 4 - Mining and construction plant and equipment price index**

| Product   | Weight | Index (Dec 2016=100) |          |          | Percentage change     |                       |
|---|--------|----------------------|----------|----------|-----------------------|-----------------------|
|   |        | Jun 2018             | May 2019 | Jun 2019 | Jun 2019 vs. May 2019 | Jun 2019 vs. Jun 2018 |
| Plant and equipment   | 100,00 | 101,7                | 105,5    | 105,5    | 0,0                   | 3,7                   |
| Lifting and handling equipment and parts thereof  | 7,57   | 105,4                | 107,6    | 107,5    | -0,1                  | 2,0                   |
| Machinery for mining, quarrying and construction and parts thereof  | 36,90  | 100,3                | 101,3    | 101,4    | 0,1                   | 1,1                   |
| Moving, grading, levelling, scraping, excavating, tamping, compacting and extracting machinery                          | 28,38  | 99,3                 | 100,8    | 100,8    | 0,0                   | 1,5                   |
| Machinery for sorting, screening, separating, washing, crushing, grinding, mixing and kneading of construction material | 8,52   | 103,8                | 103,0    | 103,5    | 0,5                   | -0,3                  |
| Lorries, trucks and vans exceeding 3,5 tons   | 55,53  | 102,1                | 108,0    | 108,0    | 0,0                   | 5,8                   |

**Table 5 - Mechanical and electrical engineering input price indices**

| Service                | Weight | Index (Dec 2016=100) |          |          | Percentage change     |                       |
|------------------------|--------|----------------------|----------|----------|-----------------------|-----------------------|
|                        |        | Jun 2018             | May 2019 | Jun 2019 | Jun 2019 vs. May 2019 | Jun 2019 vs. Jun 2018 |
| Mechanical engineering | 100,00 | 107,5                | 110,1    | 109,7    | -0,4                  | 2,0                   |
| Electrical engineering | 100,00 | 110,9                | 112,9    | 111,1    | -1,6                  | 0,2                   |

**Table 6 - Civil engineering material price indices<sup>1</sup>**

| Product   | Index (Dec 2016=100) |          |          | Percentage change     |                       |
|---|----------------------|----------|----------|-----------------------|-----------------------|
|   | Jun 2018             | May 2019 | Jun 2019 | Jun 2019 vs. May 2019 | Jun 2019 vs. Jun 2018 |
| Civil engineering material - total  | 114,0                | 124,7    | 124,0    | -0,6                  | 8,8                   |
| Civil engineering material (excluding bitumen)                            | 112,8                | 122,6    | 121,1    | -1,2                  | 7,4                   |
| Civil engineering material (excluding reinforcing metal work)             | 114,8                | 126,2    | 125,2    | -0,8                  | 9,1                   |
| Civil engineering material (excluding reinforcing metal work and bitumen) | 112,7                | 122,3    | 120,5    | -1,5                  | 6,9                   |
| Civil engineering material - structures (excluding bitumen)               | 116,2                | 126,1    | 124,5    | -1,3                  | 7,1                   |
| Civil engineering material - roads, general                               | 121,0                | 130,3    | 130,0    | -0,2                  | 7,4                   |
| Civil engineering material - roads, general (excluding bitumen)           | 121,4                | 129,5    | 128,5    | -0,8                  | 5,8                   |
| Civil engineering material - roads, refurbishment                         | 121,3                | 131,4    | 131,1    | -0,2                  | 8,1                   |
| Civil engineering material - roads, refurbishment (excluding bitumen)     | 122,6                | 131,0    | 129,4    | -1,2                  | 5,5                   |
| Civil engineering material - roads, reseal                                | 119,3                | 131,4    | 132,2    | 0,6                   | 10,8                  |
| Civil engineering material - roads, reseal (excluding bitumen)            | 120,3                | 129,3    | 127,2    | -1,6                  | 5,7                   |
| Civil engineering material - bulk earthworks                              | 116,2                | 126,0    | 124,7    | -1,0                  | 7,3                   |
| Civil engineering material - bulk earthworks (excluding bitumen)          | 116,7                | 125,9    | 124,4    | -1,2                  | 6,6                   |

<sup>1</sup> The information in this table is published in conjunction with engineering associations SAFCEC and SAICE.



**EXPLANATORY NOTES**

|  |  |
|--|--|
| <b>Contract Price Adjustment Provisions (CPAP)</b> | The CPAP work group indices are used for making adjustments based on cost fluctuations in labour, plant and materials.   |
| <b>Sources for CPAP</b>                            | The CPAP work group indices are derived from changes in the cost structures prevailing in 37 different sectors of the building industry and are published by Stats SA on a monthly basis. The indices reported on in this publication are mainly based on a combination of PPI, SEIFSA and CPI indices for the particular month. |
| <b>Tax</b>   | Value added tax (VAT) are not included in these indices.   |
| <b>CPAP manuals</b>                                | The updated CPAP manuals "CPAP Application Manual" and "CPAP Work Groups Composition and Weighting of Sub-Indices" are obtainable from The Association of the South African Quantity Surveyors – ASAQS, website: <a href="http://www.asaqs.co.za">www.asaqs.co.za</a> - search for CPAP, or by phoning (012) 310 2185.           |
| <b>Construction Input Price Indices (CIPI)</b>     | The index reflects material purchases in the construction industry   |
|  |  |

**GLOSSARY**

|               |  |
|---------------|--|
| <b>SAFCEC</b> | South African Forum of Civil Engineering Contractors           |
| <b>SAICE</b>  | South African Institution of Civil Engineering                 |
| <b>SEIFSA</b> | Steel and Engineering Industries Federation of Southern Africa |
| <b>PPI</b>    | Producer Price Index   |
| <b>CPI</b>    | Consumer Price Index   |
| <b>CPAP</b>   | Contract Price Adjustment Provisions                           |
| <b>CIPI</b>   | Construction Input Price Indices                               |
| <b>r</b>      | Revised  |

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|----------------|-----------------------|
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| August 2019    | 26 September 2019     |
| September 2019 | 31 October 2019       |

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