

## PRESS RELEASE

### CONSTRUCTION SECTOR INDEX REBASED TO 2016/17

#### High Lights

The Uganda Bureau of Statistics has rebased the Construction Sector Index (CSI), here after referred to as the Construction Input Price Index (CIPI), from Q1 2006 to 2016/17 base period. The new series include a number of methodological improvements which ensures more representativeness of products in the CIPI. The rebasing has been guided by the internationally accepted practices on guidelines, recommendations and classifications.

#### Key Improvements in the 2016/17 Rebased CIPI series

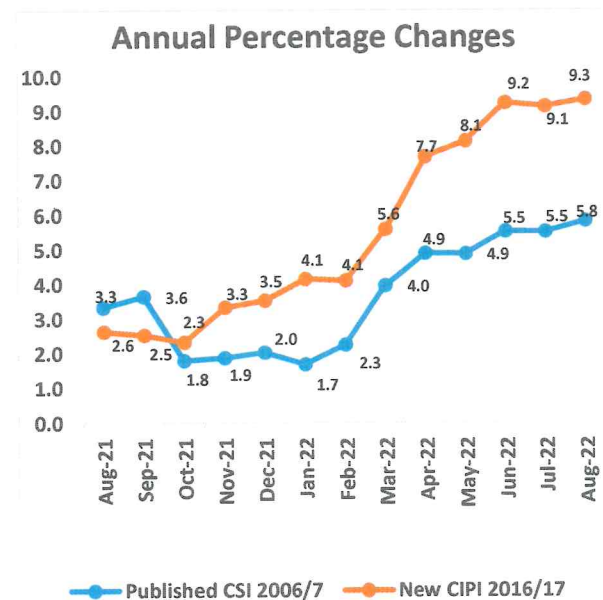
The new CIPI has a basket of 68 products, compared to the previous basket of 18 products. The relative level of importance for the previous products as well as the new products has been revised using the bills of quantities in the respective building categories.

In addition, all products have been classified according to the International Standard Industrial Classification of All Economic Activities (ISIC), revision 4. These have been aligned to the Central Product Classification (CPC 2.2) which constitutes a complete product classification covering all goods and services, following the product definition as recommended within the System of National Accounts (SNA).

The CIPI comprises of the Building Index, Civil Engineering/Works Index, Specialized Construction Index and the Overall Construction Indices. The indices are generated from price data collected from representative sample of outlets of 106 construction companies, 38 producer companies and 6 market outlets being followed on a monthly basis to provide input prices.

#### The rebased CIPI Series

The rebasing exercise yielded an Annual Construction Input Price Index for the 12 months ending August 2022 of 9.3 percent when compared to the published 5.8 percent.



The graph shows that the rate of price change for the new base period of 2016/17 base is higher than that published using the old base period.

***The next publication scheduled on the 15<sup>th</sup> October 2022 will be based on the 2016/17 reference period.***

  
**Chris N. Mukiza (PhD)**  
**EXECUTIVE DIRECTOR**  
30<sup>th</sup> September 2022

## **Construction Input Price Index (CIPI); August 2022**

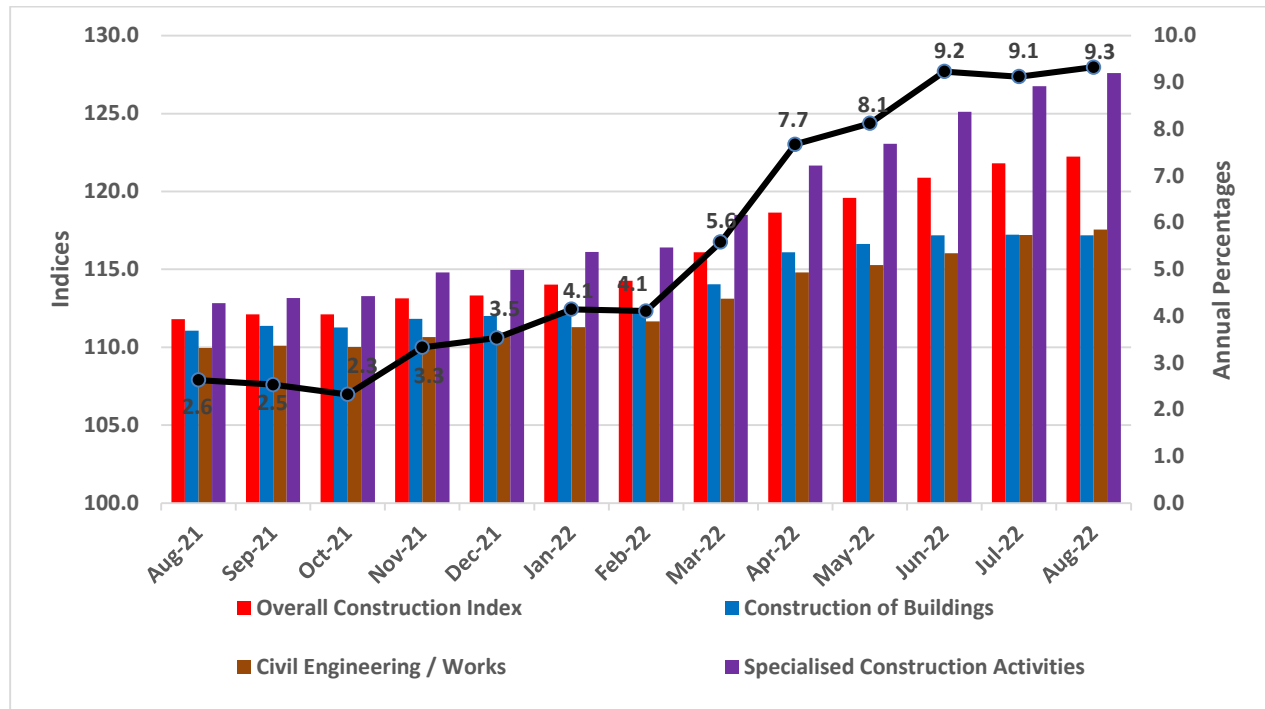
In the rebased CIPI, the Annual Headline Inflation for the year ending August 2022 increased to 9.3 percent, up from 9.1 percent registered in the year ended July 2022. This is mainly attributed to a 13.1 percent increase in the index for Specialised Construction Activities for the year ending August 2022 compared to a 12.5 percent increase registered in the year ended July 2022.

The main driver for the increase in the index for specialised construction activities is demolition and site preparation whose inflation increased to 38.4 percent in August 2022 compared to the 35.4 percent increase registered in July 2022. The inflation for electrical, plumbing and other construction increased to 4.8 percent for the year ending August 2022, up from the 4.4 percent increase registered in the year ended July 2022. However, the inflation of inputs for building completion and finishing decreased to 6.5 percent in the year ending August 2022, down from the 6.9 percent registered in the year ended July 2022.

The annual inflation of inputs into construction of buildings decreased to 5.5 percent in the year ending August 2022 compared to 5.6 percent registered for the year ended July 2022. This was mainly attributed to a lower 5.4 percent increase in the inputs prices for construction of residential buildings in the year ending August 2022 compared to the 5.6 percent increase registered in the year ended July 2022.

The annual inflation of inputs into civil engineering/works decreased to 6.9 percent in the year ending August 2022 compared to the 7.1 percent increase for the year ended July 2022. This was mainly attributed to a decrease in prices of inputs for construction of roads and railways to 7.1 percent in the year ending August 2022 compared to the 7.3 percent increase in the year ended July 2022.

**Figure1: Annual Indices and Changes, August 2021 – August 2022**



**Table 1: Annual Inflation by ISIC Divisions (Base: 2016/17 = 100)**

Description	Weights	Annual % Change for July 2022	Annual % Change for August 2022
<b>Construction Input Price Index (CIPI)</b>	<b>1000.0000</b>	<b>9.1</b>	<b>9.3</b>
Construction of buildings	421.0753	5.6	5.5
Construction of residential buildings	195.0013	5.6	5.4
Construction of non-residential buildings	226.0739	5.7	5.6
<b>Civil Engineering / Works</b>	<b>96.8855</b>	<b>7.1</b>	<b>6.9</b>
Construction of roads and railways	80.9493	7.3	7.1
Construction of utility projects (Water projects)	15.9362	5.8	5.8
<b>Specialised Construction Activities</b>	<b>482.0392</b>	<b>12.5</b>	<b>13.1</b>
Demolition and site preparation	91.0100	35.4	38.4
Electrical, plumbing and other construction installation activities	127.4827	4.4	4.8
Building completion and finishing	263.5465	6.9	6.5

## Monthly Rebased Series

On a month-to-month basis, the Inflation of inputs into the construction sector decreased by 0.4 percent in the month of August 2022 compared to a 0.8 percent drop that was registered in the month of July 2022.

This was mainly due to a 0.0 percent drop in inflation of inputs for construction of buildings, the same rate as registered in July 2022. Specifically, construction of residential buildings inflation dropped by 0.1 percent in August 2022 compared to the 0.0 percent flat rate registered in July 2022.

In addition, building completion and finishing inflation registered a 0.2 percent decrease in August 2022 compared to 0.0 percent flat rate registered in July 2022.

**Table 3: Monthly Inflation by ISIC Divisions (Base: 2016/17 = 100)**

Description	Weights	Monthly % Change for July 2022	Monthly % Change for August 2022
<b>Construction Inputs Price Index (CIPI)</b>	<b>1000.0000</b>	<b>0.8</b>	<b>0.4</b>
<b>Construction of Buildings</b>	<b>421.0753</b>	<b>0.0</b>	<b>0.0</b>
Construction of residential buildings	195.0013	0.0	-0.1
Construction of non-residential buildings	226.0739	0.1	0.0
<b>Civil Engineering / Works</b>	<b>96.8855</b>	<b>1.0</b>	<b>0.3</b>
Construction of roads and railways	80.9493	1.2	0.3
Construction of utility projects (Water projects)	15.9362	0.3	0.1
<b>Specialised Construction Activities</b>	<b>482.0392</b>	<b>1.3</b>	<b>0.7</b>
Demolition and site preparation	91.0100	4.7	2.7
Electrical, plumbing and other construction installation activities	127.4827	0.5	0.4
Building completion and finishing	263.5465	0.0	-0.2

The inputs inflation for civil engineering/works rose by 0.3 percent in August 2022 compared to 1.0 percent rise registered in July 2022.

In the month of August 2022, commodities whose inflation decreased were; diesel by 2.9 percent in August 2022 compared to 5.1 percent in July 2022, cement by 1.0 percent compared to 1.2 percent in July 2022, nails and bolts dropped by 0.6 percent compared 1.2 percent in July 2022 and ceramic wall and floor tiles decreased by 0.9 percent compared to 0.1 percent in July 2022.

However, the inflation of sand rose by 0.1 percent compared to the 0.1 percent drop registered in July 2022. Lime inflation rose by 1.4 percent compared to the 0.2 percent drop registered in the month of July 2022.

**Table 4: Overall Monthly CIPI and Inflation (Base: 2016/17 = 100)**

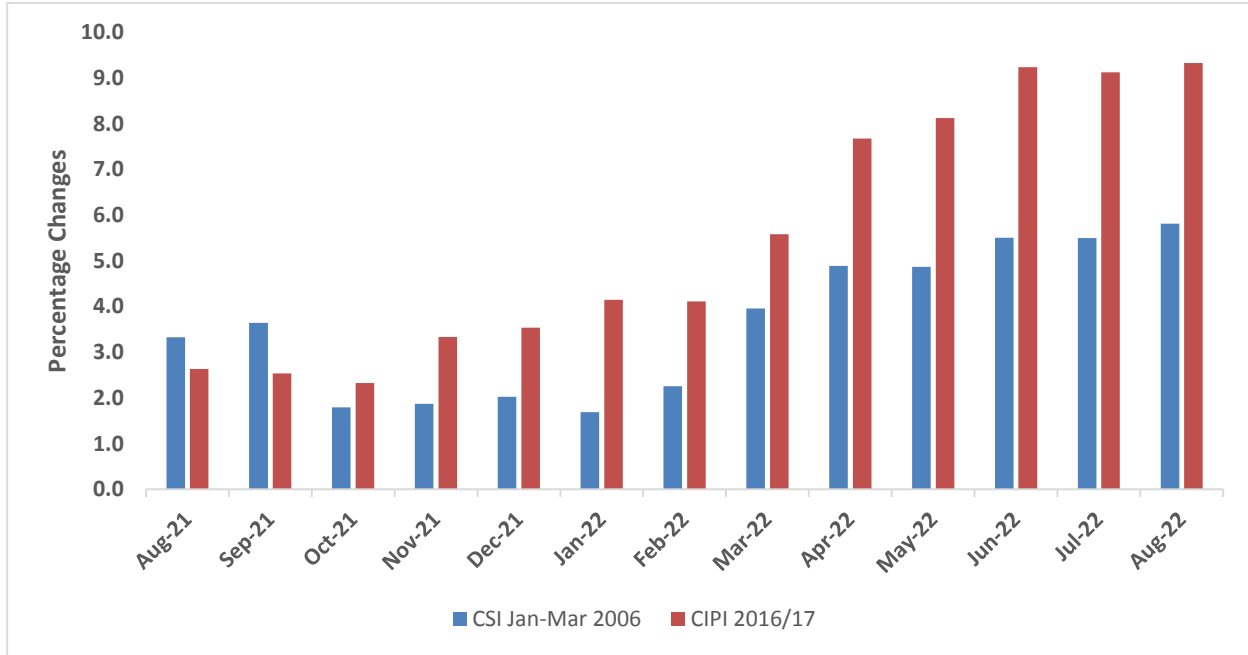
<b>Month</b>	<b>Overall CIPI</b>	<b>Inflation</b>
August 2022	122.13	0.4
July 2022	121.70	0.8
June 2022	120.78	1.1
May 2022	119.50	0.8
April 2022	118.55	2.2
March 2022	116.00	1.6
February 2022	114.16	0.2
January 2022	113.93	0.6
December 2021	113.23	0.2
November 2021	113.05	0.9
October 2021	112.01	0.0
September 2021	112.01	0.3
August 2021	111.71	0.2

**Comparison of Jan – March 2006 and 2016/17 Rebased Series**

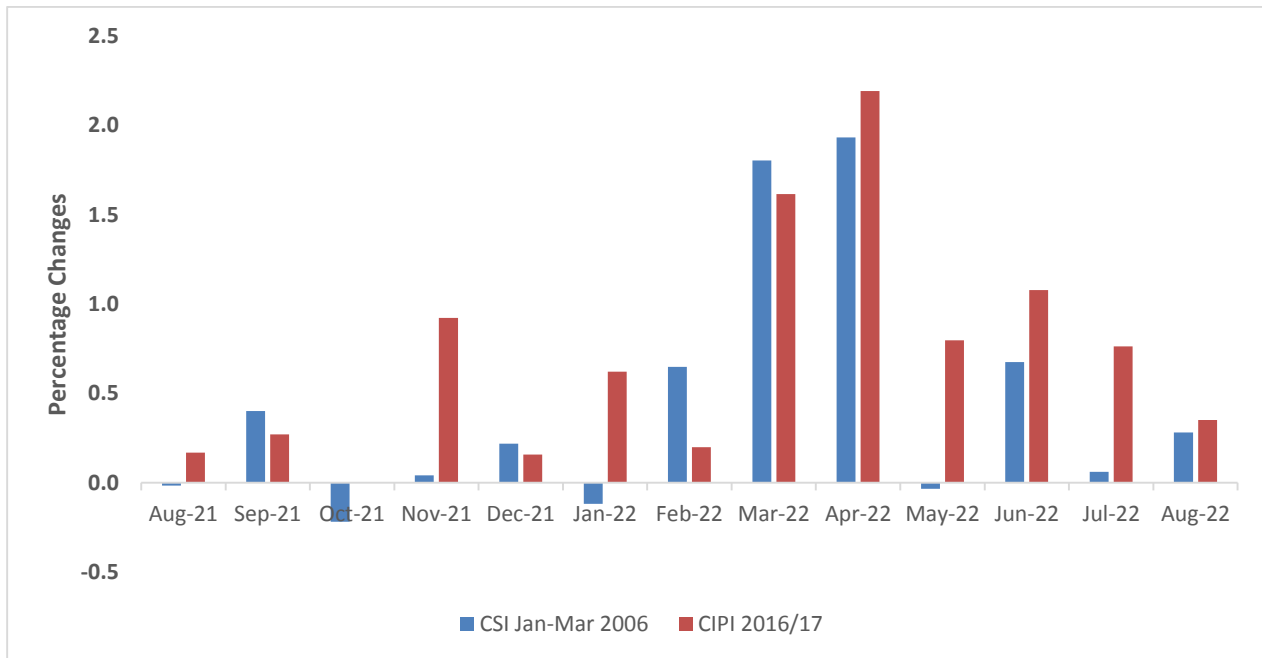
The 2016/17 base series reflect a higher price change for prices paid by the consumers for inputs into the construction sector compared to January – March 2006 base.

The differences in magnitude of change between the two series were mainly due to differences in the weighting pattern, the improved basket of goods and services and changes in the ISIC Rev 4 classification compared to ISIC Rev 3 used in the old base.

**Figure 2: Annual Percentage Change in all CIPI Items**



**Figure 3: Monthly Percentage Change in all CIPI Items**



**Table 1: Construction of Buildings Index (2016/17 =100)**

S No	Selected Products	Weight	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22
1	Aggregate, hardcore, crushed or broken stone	14.8789	120.39	120.53	118.86	119.38	119.54	120.16	120.85	122.00	125.32	125.80	125.99	126.14	126.14
2	Cement	53.3576	91.32	92.25	92.41	92.70	92.73	93.26	93.57	96.31	101.72	104.51	105.96	104.64	103.55
3	Ceramic wall and floor tiles	9.1332	139.77	139.77	142.93	150.11	150.11	150.78	148.19	149.36	151.14	151.14	153.10	153.27	151.85
4	Clay bricks and tiles	16.0338	129.56	129.56	129.85	130.91	131.42	130.97	132.52	132.91	133.80	134.62	133.20	132.79	132.49
5	Concrete bricks, blocks slabs	6.9015	99.62	99.62	99.76	100.08	100.46	100.34	100.60	102.29	102.81	103.26	104.77	105.14	105.15
6	Diesel	4.2963	135.66	136.04	134.92	139.75	140.43	146.07	147.57	152.48	164.43	169.07	178.93	188.09	193.50
7	Eucalyptus Props	2.4419	112.13	112.13	114.87	114.87	115.95	115.38	115.38	117.16	121.23	123.76	128.41	128.41	128.41
8	High tensile steel bars	23.7058	132.45	133.01	132.44	133.37	134.10	134.96	134.98	141.42	148.26	148.24	150.09	150.09	150.24
9	Lime	2.1570	101.57	101.76	101.76	103.28	104.30	104.57	104.57	105.69	106.36	106.37	107.31	107.08	108.62
10	Nails, bolts & screws	10.0770	112.60	112.73	113.03	114.86	115.89	115.42	115.76	116.30	119.92	120.13	119.14	120.55	119.85
11	Paints and varnishes	10.8116	112.87	114.11	114.28	115.03	114.06	115.06	115.92	117.16	117.60	119.67	119.91	119.92	120.31
12	Plastic pipes and fittings	3.7058	104.03	104.48	104.08	105.50	105.50	106.50	104.71	105.73	105.73	105.73	105.73	105.73	105.73
13	Sand	8.7466	123.19	123.15	122.57	124.13	124.64	126.34	127.31	127.82	138.12	138.54	138.31	138.23	138.33
14	Sheet steel, roofing sheets & similar	9.0705	132.09	133.09	133.24	133.70	133.39	134.41	135.28	142.25	147.87	145.60	147.35	146.91	147.69
15	Timber, coniferous, greater than 6mm thick	17.7297	106.73	107.30	107.33	107.48	107.48	106.70	106.26	107.47	110.29	110.30	110.44	110.68	110.68
	<b>Total Materials</b>	<b>315.0840</b>	<b>113.40</b>	<b>113.75</b>	<b>113.64</b>	<b>114.35</b>	<b>114.48</b>	<b>114.82</b>	<b>114.99</b>	<b>117.11</b>	<b>119.75</b>	<b>120.46</b>	<b>121.14</b>	<b>121.09</b>	<b>121.04</b>
16	<b>Utilities</b>	2.9907	117.97	117.97	117.97	117.97	117.97	117.97	117.97	117.97	117.97	117.97	117.97	125.05	125.05
17	<b>Services</b>	59.6470	100.34	100.49	100.62	100.59	100.99	100.97	100.97	100.97	101.18	101.16	101.30	101.30	101.37
18	<b>Labour</b>	43.3536	108.45	108.68	108.18	108.53	108.69	108.92	108.92	109.44	109.93	109.98	110.32	110.52	110.52
	<b>Overall Construction of Buildings Index</b>	<b>421.0753</b>	<b>111.07</b>	<b>111.38</b>	<b>111.27</b>	<b>111.83</b>	<b>112.00</b>	<b>112.27</b>	<b>112.40</b>	<b>114.04</b>	<b>116.10</b>	<b>116.63</b>	<b>117.19</b>	<b>117.23</b>	<b>117.20</b>

**Table 2: Civil Engineering/Works Index (2016/17 =100)**

S No	Selected Products	Weight	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22
1	Aggregate, hardcore, crushed/broken stone	14.8509	120.39	120.53	118.86	119.38	119.54	120.16	120.85	122.00	125.32	125.80	125.99	126.14	126.14
2	Bitumen and bitumen primer	22.4555	108.80	108.90	109.95	109.93	110.45	109.80	110.48	111.74	112.47	112.87	113.08	114.81	115.07
3	Cement	3.6797	91.32	92.25	92.41	92.70	92.73	93.26	93.57	96.31	101.72	104.51	105.96	104.64	103.55
4	Clays and murrum	4.2186	106.50	106.50	106.50	111.90	111.90	112.95	112.95	112.95	114.37	114.37	114.37	122.64	125.18
5	Concrete bricks, blocks and slabs	5.4440	99.62	99.62	99.76	100.08	100.46	100.34	100.60	102.29	102.81	103.26	104.77	105.14	105.15
6	Diesel	2.9294	135.66	136.04	134.92	139.75	140.43	146.07	147.57	152.48	164.43	169.07	178.93	188.09	193.50
7	High tensile steel bars	1.9412	132.45	133.01	132.44	133.37	134.10	134.96	134.98	141.42	148.26	148.24	150.09	150.09	150.24
8	Insulated Electrical Cables	1.4732	122.60	122.60	122.40	122.10	122.61	122.58	123.08	123.71	123.71	123.71	123.71	123.99	125.66
9	Iron pipes	0.1992	123.84	123.84	123.84	123.84	123.84	123.84	123.84	123.84	123.84	123.84	123.84	139.47	139.47
10	Nails, bolts & screws	0.6857	112.60	112.73	113.03	114.86	115.89	115.42	115.76	116.30	119.92	120.13	119.14	120.55	119.85
11	Plastic pipes and fittings	1.6945	117.73	117.73	118.60	118.60	118.60	118.60	118.60	118.60	118.60	118.60	124.30	124.30	124.30
12	Steel pipe fittings	0.1594	117.73	117.73	118.60	118.60	118.60	118.60	118.60	118.60	118.60	118.60	124.30	124.30	124.30
13	Steel tubes and pipes	0.9924	107.87	107.80	108.88	114.75	114.82	113.67	113.42	116.92	124.04	126.40	127.45	127.45	127.45
	<b>Total Materials</b>	<b>73.4809</b>	<b>111.80</b>	<b>111.94</b>	<b>111.86</b>	<b>112.67</b>	<b>112.95</b>	<b>113.38</b>	<b>113.87</b>	<b>115.74</b>	<b>117.85</b>	<b>118.49</b>	<b>119.40</b>	<b>120.86</b>	<b>121.31</b>
14	<b>Utilities</b>	<b>0.6604</b>	117.97	117.97	117.97	117.97	117.97	117.97	117.97	117.97	117.97	117.97	117.97	125.05	125.05
15	<b>Services</b>	<b>13.1711</b>	100.34	100.49	100.62	100.59	100.99	100.97	100.97	100.97	101.18	101.16	101.30	101.30	101.37
16	<b>Labour</b>	<b>9.5732</b>	108.45	108.68	108.18	108.53	108.69	108.92	108.92	109.44	109.93	109.98	110.32	110.52	110.52
	<b>Overall Civil Engineering / Works Index</b>	<b>96.8855</b>	<b>109.95</b>	<b>110.10</b>	<b>110.01</b>	<b>110.65</b>	<b>110.93</b>	<b>111.29</b>	<b>111.65</b>	<b>113.13</b>	<b>114.80</b>	<b>115.29</b>	<b>116.03</b>	<b>117.20</b>	<b>117.56</b>



**Table 3: Specialised Construction Activities Index (2016/17 =100)**

S No	Selected Products	Weight	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22
1	Aggregate, hardcore, crushed / broken stone	0.7198	120.39	120.53	118.86	119.38	119.54	120.16	120.85	122.00	125.32	125.80	125.99	126.14	126.14
2	Cement	48.7231	91.32	92.25	92.41	92.70	92.73	93.26	93.57	96.31	101.72	104.51	105.96	104.64	103.55
3	Ceramic wall and floor tiles	28.5648	139.77	139.77	142.93	150.11	150.11	150.78	148.19	149.36	151.14	151.14	153.10	153.27	151.85
4	Clay bricks and tiles	8.0435	129.56	129.56	129.85	130.91	131.42	130.97	132.52	132.91	133.80	134.62	133.20	132.79	132.49
5	Concrete bricks, blocks and slabs	0.3251	99.62	99.62	99.76	100.08	100.46	100.34	100.60	102.29	102.81	103.26	104.77	105.14	105.15
6	Diesel	79.0569	135.66	136.04	134.92	139.75	140.43	146.07	147.57	152.48	164.43	169.07	178.93	188.09	193.50
7	Doors, windows & frames of iron, steel / aluminum	50.7817	109.54	109.50	109.92	109.72	109.75	109.61	109.52	110.03	109.70	110.26	111.01	111.30	111.56
8	Eucalyptus Props	0.0180	112.13	112.13	114.87	114.87	115.95	115.38	115.38	117.16	121.23	123.76	128.41	128.41	128.41
9	High tensile steel bars	0.0090	132.45	133.01	132.44	133.37	134.10	134.96	134.98	141.42	148.26	148.24	150.09	150.09	150.24
10	Insulated Electrical Cables	3.5327	122.60	122.60	122.40	122.10	122.61	122.58	123.08	123.71	123.71	123.71	123.71	123.99	125.66
11	Lime	1.6889	101.57	101.76	101.76	103.28	104.30	104.57	104.57	105.69	106.36	106.37	107.31	107.08	108.62
12	Nails, bolts & screws	19.7099	112.60	112.73	113.03	114.86	115.89	115.42	115.76	116.30	119.92	120.13	119.14	120.55	119.85
13	Paints and varnishes	34.7350	112.87	114.11	114.28	115.03	114.06	115.06	115.92	117.16	117.60	119.67	119.91	119.92	120.31
14	Plastic pipes and fittings	8.5659	104.03	104.48	104.08	105.50	105.50	106.50	104.71	105.73	105.73	105.73	105.73	105.73	105.73
15	Sand	7.2043	123.19	123.15	122.57	124.13	124.64	126.34	127.31	127.82	138.12	138.54	138.31	138.23	138.33
	<b>Total Materials</b>	<b>414.0571</b>	<b>114.42</b>	<b>114.77</b>	<b>114.93</b>	<b>116.69</b>	<b>116.82</b>	<b>118.15</b>	<b>118.49</b>	<b>120.91</b>	<b>124.53</b>	<b>126.17</b>	<b>128.52</b>	<b>130.37</b>	<b>131.35</b>
16	Utilities	<b>3.4489</b>	117.97	117.97	117.97	117.97	117.97	117.97	117.97	117.97	117.97	117.97	117.97	125.05	125.05
17	Services	<b>48.3343</b>	100.34	100.49	100.62	100.59	100.99	100.97	100.97	100.97	101.18	101.16	101.30	101.30	101.37
18	Labour	<b>16.1989</b>	108.45	108.68	108.18	108.53	108.69	108.92	108.92	109.44	109.93	109.98	110.32	110.52	110.52
	<b>Overall Specialised Construction Activities Index</b>	<b>482.0392</b>	<b>112.83</b>	<b>113.16</b>	<b>113.29</b>	<b>114.81</b>	<b>114.97</b>	<b>116.12</b>	<b>116.41</b>	<b>118.51</b>	<b>121.66</b>	<b>123.06</b>	<b>125.11</b>	<b>126.75</b>	<b>127.59</b>

**Table 4: Overall Construction Input Price Index (2016/17 =100)**

S No	Selected Products	Weight	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22
1	Aggregate, hardcore, crushed / broken stone	30.4496	120.39	120.53	118.86	119.38	119.54	120.16	120.85	122.00	125.32	125.80	125.99	126.14	126.14
2	Cement	105.7605	91.32	92.25	92.41	92.70	92.73	93.26	93.57	96.31	101.72	104.51	105.96	104.64	103.55
3	Ceramic wall and floor tiles	37.6980	139.77	139.77	142.93	150.11	150.11	150.78	148.19	149.36	151.14	151.14	153.10	153.27	151.85
4	Clay bricks and tiles	24.0773	129.56	129.56	129.85	130.91	131.42	130.97	132.52	132.91	133.80	134.62	133.20	132.79	132.49
5	Concrete bricks, blocks and slabs	12.6706	99.62	99.62	99.76	100.08	100.46	100.34	100.60	102.29	102.81	103.26	104.77	105.14	105.15
6	Diesel	86.2827	135.66	136.04	134.92	139.75	140.43	146.07	147.57	152.48	164.43	169.07	178.93	188.09	193.50
7	Eucalyptus Props	2.4599	112.13	112.13	114.87	114.87	115.95	115.38	115.38	117.16	121.23	123.76	128.41	128.41	128.41
8	High tensile steel bars	25.6560	132.45	133.01	132.44	133.37	134.10	134.96	134.98	141.42	148.26	148.24	150.09	150.09	150.24
9	Lime	3.8459	101.57	101.76	101.76	103.28	104.30	104.57	104.57	105.69	106.36	106.37	107.31	107.08	108.62
10	Nails, bolts & screws	30.4726	112.60	112.73	113.03	114.86	115.89	115.42	115.76	116.30	119.92	120.13	119.14	120.55	119.85
11	Paints and varnishes	45.5466	112.87	114.11	114.28	115.03	114.06	115.06	115.92	117.16	117.60	119.67	119.91	119.92	120.31
12	Plastic pipes and fittings	13.9662	105.70	106.09	105.84	107.09	107.09	107.97	106.40	107.29	107.29	107.29	107.98	107.98	107.98
13	Sand	15.9509	123.19	123.15	122.57	124.13	124.64	126.34	127.31	127.82	138.12	138.54	138.31	138.23	138.33
14	Sheet steel, roofing sheets and similar	9.0705	132.09	133.09	133.24	133.70	133.39	134.41	135.28	142.25	147.87	145.60	147.35	146.91	147.69
15	Timber, coniferous, greater than 6mm thick	22.7874	106.73	107.30	107.33	107.48	107.48	106.70	106.26	107.47	110.29	110.30	110.44	110.68	110.68
	<b>Materials</b>	<b>802.6220</b>	<b>113.78</b>	<b>114.11</b>	<b>114.14</b>	<b>115.40</b>	<b>115.55</b>	<b>116.41</b>	<b>116.69</b>	<b>118.95</b>	<b>122.04</b>	<b>123.22</b>	<b>124.79</b>	<b>125.86</b>	<b>126.38</b>
16	<b>Utilities</b>	<b>7.1000</b>	117.97	117.97	117.97	117.97	117.97	117.97	117.97	117.97	117.97	117.97	117.97	125.05	125.05
17	<b>Equipment</b>	<b>121.1524</b>	100.34	100.49	100.62	100.59	100.99	100.97	100.97	100.97	101.18	101.16	101.30	101.30	101.37
18	<b>Labour</b>	<b>69.1257</b>	108.45	108.68	108.18	108.53	108.69	108.92	108.92	109.44	109.93	109.98	110.32	110.52	110.52
	<b>Overall Construction Input Index</b>	<b>1000.0000</b>	<b>111.81</b>	<b>112.11</b>	<b>112.12</b>	<b>113.15</b>	<b>113.33</b>	<b>114.03</b>	<b>114.26</b>	<b>116.10</b>	<b>118.65</b>	<b>119.60</b>	<b>120.89</b>	<b>121.82</b>	<b>122.24</b>