



**PRESS RELEASE**

**UGANDA BUREAU OF STATISTICS**



**CONSTRUCTION INPUT PRICE INDEX AND INFLATION**

**DECEMBER 2022**

**1.0 Annual Headline Inflation**

The annual average headline inflation as measured by the construction input price index for the calendar year 2022 was registered at 7.6 percent compared to 2.7 percent registered during the calendar year ended 2021.

The inflation as measured by the construction input price index for Uganda for the 12 months to December 2022 for inputs of the construction sector (*covering material prices, wage rates & equipment hire rates*) increased to 8.6 percent in the year ending December 2022 compared to 7.7 percent registered for the year ended November 2022 as shown in Table 1. This is mainly attributed to the annual inflation of inputs for construction of buildings, which was registered at 6.5 percent for the year ending December 2022 compared to 4.8 percent registered in the year ended November 2022 as shown in Figure 1 and Table 2.

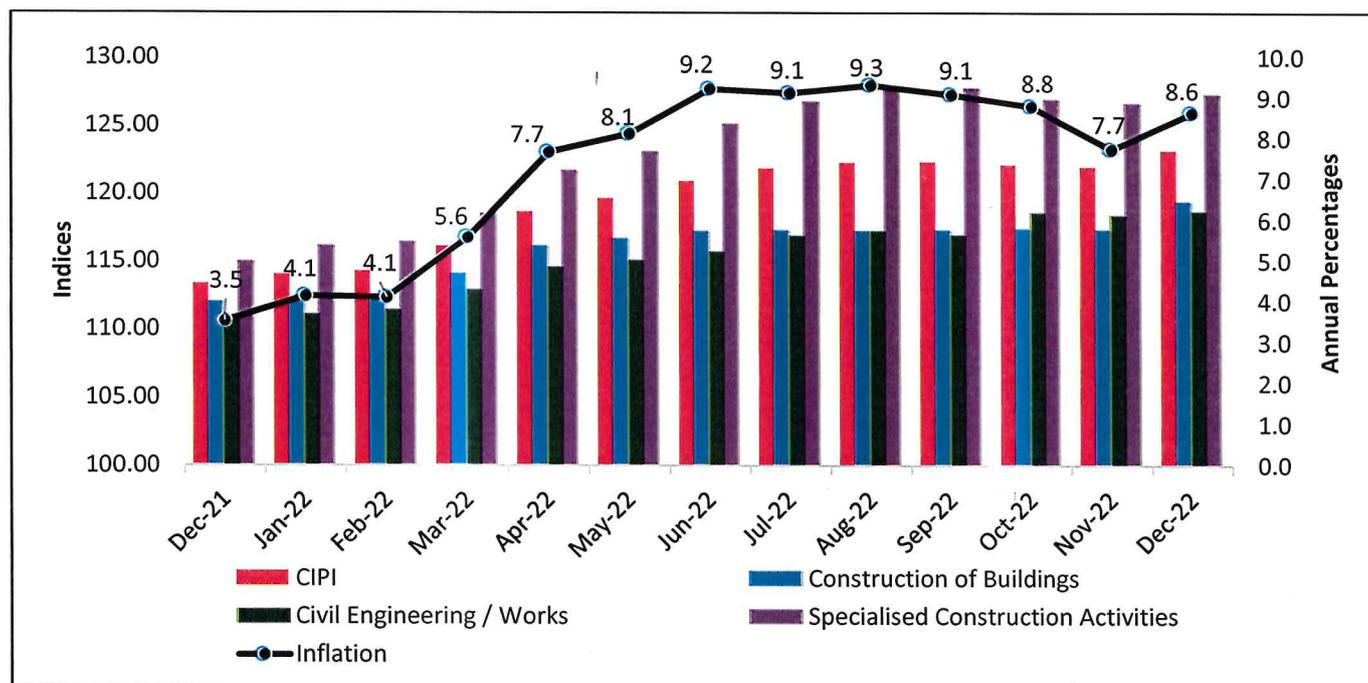
The main driver for the inflation of inputs into construction of buildings is construction of non-residential buildings whose inflation increased to 6.3 percent in the year ending December 2022 compared to 4.7 percent registered in the year ended November 2022. In addition, the inflation of inputs into construction of residential buildings was registered at 6.8 percent in the year ending December 2022 compared to 4.9 percent registered in the year ended November 2022.

The annual inflation of inputs for specialised construction activities, increased to 10.7 percent for the year ending December 2022 compared to 10.3 percent registered in the year ended November 2022. This was mainly attributed to the inflation of inputs into building completion and finishing which increased to 4.5 percent in the year ending December 2022 compared to 3.6 percent in the year ended November 2022. In particular, the inflation of inputs for electrical, plumbing & other construction increased to 8.1 percent in the year ending December 2022, up from 6.9 percent registered in the year ended November 2022. However, the inflation of inputs for demolition and site preparation was registered at 28.5 percent in the year ending December 2022 compared to 30.0 percent registered in the year ended November 2022.

The annual inflation of inputs into civil engineering/works increased to 7.2 percent in the year ending December 2022 compared to 6.9 percent registered for the year ended November 2022. This was mainly attributed to the inflation of inputs for construction of utility projects that was registered at 7.8 percent in the year ending December 2022 compared to 6.6 percent registered in the year ended November 2022

and the inflation of inputs for construction of roads and railways was registered at 7.1 percent for the year ending December 2022 compared to 7.0 percent registered in the year ended November 2022 as shown in Table 2.

**Figure 1: Annual Headline Inflation: December 2021 – December 2022**



The overall annual construction input price index and inflation according to ISIC Divisions for the 12 months to December 2022 are shown in Table 1 and Table 2 respectively.

**Table 1: Overall Annual CIPI and Inflation (Base: 2016/17 = 100)**

MONTH	OVER ALL CIPI	INFLATION
December 2022	123.09	8.6
November 2022	121.81	7.7
October 2022	121.99	8.8
September 2022	122.28	9.1
August 2022	122.22	9.3
July 2022	121.79	9.1
June 2022	120.86	9.2
May 2022	119.57	8.1
April 2022	118.63	7.7
March 22	116.08	5.6
February 2022	114.24	4.1
January 2022	114.01	4.1
December 2021	113.31	3.5

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**Table 2: Annual Inflation by ISIC Divisions (Base: 2016/17 = 100)**

Description	Weights	Annual % Change for November 2022	Annual % Change for December 2022
<b>Construction Input Price Index (CIPI)</b>	<b>1000.00</b>	<b>7.7</b>	<b>8.6</b>
<b>Construction of Buildings</b>	<b>421.08</b>	<b>4.8</b>	<b>6.5</b>
Construction of Residential Buildings	195.00	4.9	6.8
Construction of Non Residential Buildings	226.07	4.7	6.3
<b>Civil Engineering / Works</b>	<b>96.89</b>	<b>6.9</b>	<b>7.2</b>
Construction of roads and railways	80.95	7.0	7.1
Construction of utility projects (Water projects)	15.94	6.6	7.8
<b>Specialised Construction Activities</b>	<b>482.04</b>	<b>10.3</b>	<b>10.7</b>
Demolition and site preparation	91.01	30.0	28.5
Electrical, plumbing and other construction installation activities	127.48	6.9	8.1
Building completion and finishing	263.55	3.6	4.5

## 2.0 Monthly Inflation

The monthly inflation of inputs into the construction sector increased by 1.0 percent in the month of December 2022 compared to 0.1 percent decrease registered in the month of November 2022.

This was mainly due to 1.7 percent rise in inflation of inputs for construction of buildings in December 2022 compared to 0.1 percent decrease in November 2022.

Specifically, inflation of inputs into construction of residential buildings increased by 1.9 percent in December 2022 compared to 0.0 percent registered in November 2022 and inputs into construction of non-residential buildings increased by 1.6 percent in December 2022 compared to 0.1 percent decrease in November 2022 as shown in Table 3.

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

Description	Weights	Monthly % Change for November 2022	Monthly % Change for December 2022
<b>Construction Input Price Index (CIPI)</b>	<b>1000.00</b>	<b>-0.1</b>	<b>1.0</b>
<b>Construction of Buildings</b>	<b>421.08</b>	<b>-0.1</b>	<b>1.7</b>
Construction of Residential Buildings	195.00	0.0	1.9
Construction of Non Residential Buildings	226.07	-0.1	1.6
<b>Civil Engineering / Works</b>	<b>96.89</b>	<b>-0.2</b>	<b>0.2</b>
Construction of roads and railways	80.95	-0.2	0.1
Construction of utility projects (Water projects)	15.94	-0.1	1.2
<b>Specialised Construction Activities</b>	<b>482.04</b>	<b>-0.2</b>	<b>0.5</b>
Demolition and site preparation	91.01	-1.2	-0.7
Electrical, plumbing and other construction installation activities	127.48	0.3	1.1
Building completion and finishing	263.55	0.1	0.9

In the month of December 2022, products whose inflation increased were; ceramic sinks, baths and toilets by 15.3 percent compared to 0.0 percent registered in November 2022, electrical apparatus by 8.6 percent compared to 0.0 percent registered in November 2022, lime by 4.3 percent compared to 0.0 percent registered in November 2022 and Cement by 3.8 percent compared to minus 0.5 percent registered in November 2022.

However, the inflation of diesel decreased by 0.8 percent in December 2022 compared to 1.4 percent decrease in November 2022, adhesives, sealants & waterproof decreased by 2.0 percent in December 2022 compared to 0.0 percent registered in the month of November 2022.

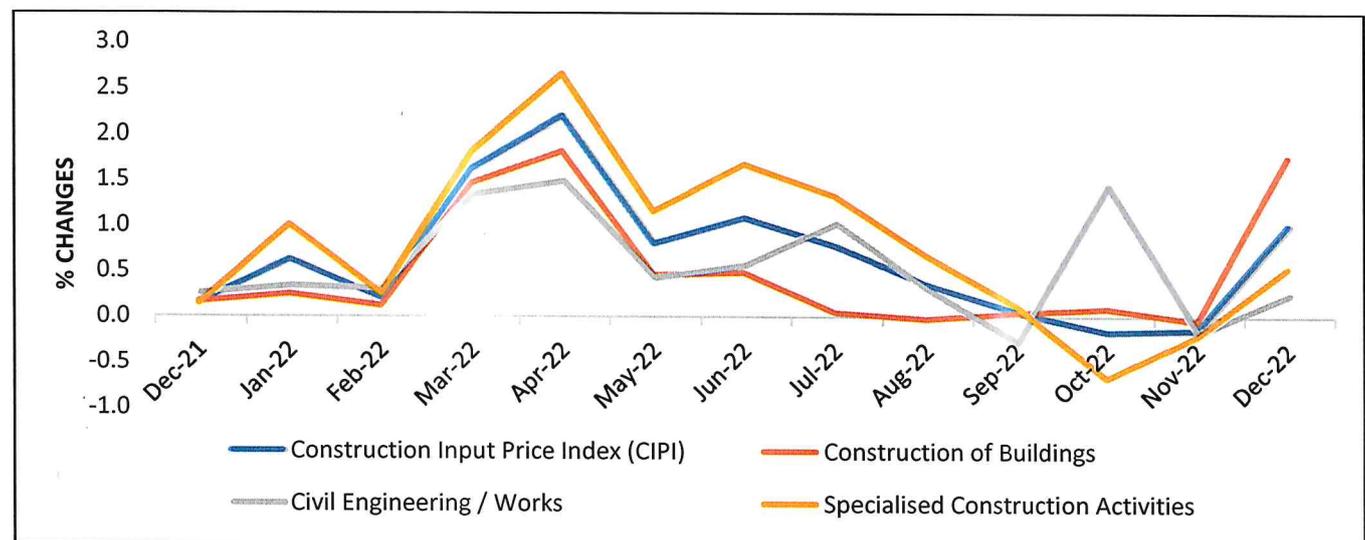
The overall monthly construction inputs price index for the 12 months to December 2022 are shown in Table 4.

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

MONTH	OVER ALL CIPI	INFLATION
December 2022	123.09	1.0
November 2022	121.81	-0.1
October 2022	121.99	-0.2
September 2022	122.28	0.0
August 2022	122.22	0.4
July 2022	121.79	0.8
June 2022	120.86	1.1
May 2022	119.57	0.8
April 2022	118.63	2.2
March 22	116.08	1.6
February 2022	114.24	0.2
January 2022	114.01	0.6
December 2021	113.31	0.2

Figure 2 shows the monthly trends for the overall construction input price index, construction of buildings, civil engineering/works, and specialised construction activities for one year period.

**Figure 2: Monthly Headline Inflation: December 2021 – December 2022**



**Table 1: OVERALL CONSTRUCTION INPUT PRICE INDEX***Base Period 2016/17=100*

S No	Selected Products	Weight	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22
1	Aggregate, hardcore, crushed / broken stone	<b>30.4496</b>	119.54	120.16	120.85	122.00	125.32	125.80	125.99	126.14	126.14	123.24	122.64	122.84	124.91
2	Cement	<b>105.7605</b>	92.73	93.26	93.57	96.31	101.72	104.51	105.96	104.64	103.55	104.18	103.84	103.32	107.21
3	Ceramic wall and floor tiles	<b>37.6980</b>	150.11	150.78	148.19	149.36	151.14	151.14	153.10	153.27	151.85	153.27	155.54	155.54	153.72
4	Clay bricks and tiles	<b>24.0773</b>	131.42	130.97	132.52	132.91	133.80	134.62	133.20	132.79	132.49	133.74	137.91	137.85	141.18
5	Concrete bricks, blocks and slabs	<b>12.6706</b>	100.46	100.34	100.60	102.29	102.81	103.26	104.77	105.14	105.15	106.29	100.47	100.48	106.37
6	Diesel	<b>86.2827</b>	140.43	146.07	147.57	152.48	164.43	169.07	178.93	188.09	193.50	192.99	188.56	186.16	184.67
7	Eucalyptus Props	<b>2.4599</b>	115.95	115.38	115.38	117.16	121.23	123.76	128.41	128.41	128.41	129.58	142.76	144.09	150.26
8	High tensile steel bars	<b>25.6560</b>	134.10	134.96	134.98	141.42	148.26	148.24	150.09	150.09	150.24	150.07	156.22	155.74	163.75
9	Lime	<b>3.8459</b>	104.30	104.57	104.57	105.69	106.36	106.37	107.31	107.08	108.62	108.61	111.13	111.13	115.93
10	Nails, bolts & screws	<b>30.4726</b>	115.89	115.42	115.76	116.30	119.92	120.13	119.14	120.55	119.85	119.65	116.69	118.02	120.12
11	Paints and varnishes	<b>45.5466</b>	114.06	115.06	115.92	117.16	117.60	119.67	119.91	119.92	120.31	121.31	119.77	120.65	122.31
12	Plastic pipes and fittings	<b>13.9662</b>	107.09	107.97	106.40	107.29	107.29	107.29	107.98	107.98	107.98	105.73	110.36	110.36	111.57
13	Sand	<b>15.9509</b>	124.64	126.34	127.31	127.82	138.12	138.54	138.31	138.23	138.33	143.56	136.32	136.39	137.86
14	Sheet steel, roofing sheets and similar	<b>9.0705</b>	133.39	134.41	135.28	142.25	147.87	145.60	147.35	146.91	147.69	147.13	139.92	140.13	143.25
15	Timber, coniferous, greater than 6mm thick	<b>22.7874</b>	107.48	106.70	106.26	107.47	110.29	110.30	110.44	110.68	110.68	110.93	112.31	113.04	113.39
	<b>Materials</b>	<b>802.6220</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>	<b>126.50</b>	<b>126.04</b>	<b>125.84</b>	<b>127.24</b>
16	<b>Utilities</b>	<b>7.1000</b>	117.97	117.97	117.97	117.97	117.97	117.97	117.97	125.05	125.05	125.05	125.05	125.05	125.05
17	<b>Equipment</b>	<b>121.1524</b>	100.99	100.97	100.97	100.97	101.18	101.16	101.30	101.30	101.37	100.72	100.72	100.72	101.27
18	<b>Labour</b>	<b>69.1257</b>	108.69	108.92	108.92	109.44	109.93	109.98	110.32	110.52	110.52	110.67	111.99	111.77	112.93
	<b>OVERALL CONSTRUCTION INDEX</b>	<b>1000.0000</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>	<b>122.28</b>	<b>121.99</b>	<b>121.81</b>	<b>123.09</b>

**Table 2: CONSTRUCTION OF BUILDING INDEX***Base Period 2016/17=100*

S No	Selected Products	Weight	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22
1	Aggregate, hardcore, crushed or broken stone	<b>14.8789</b>	119.54	120.16	120.85	122.00	125.32	125.80	125.99	126.14	126.14	123.24	122.64	122.84	124.91
2	Cement	<b>53.3576</b>	92.73	93.26	93.57	96.31	101.72	104.51	105.96	104.64	103.55	104.18	103.84	103.32	107.21
3	Ceramic wall and floor tiles	<b>9.1332</b>	150.11	150.78	148.19	149.36	151.14	151.14	153.10	153.27	151.85	153.27	155.54	155.54	153.72
4	Clay bricks and tiles	<b>16.0338</b>	131.42	130.97	132.52	132.91	133.80	134.62	133.20	132.79	132.49	133.74	137.91	137.85	141.18
5	Concrete bricks, blocks slabs	<b>6.9015</b>	100.46	100.34	100.60	102.29	102.81	103.26	104.77	105.14	105.15	106.29	100.47	100.48	106.37
6	Diesel	<b>4.2963</b>	140.43	146.07	147.57	152.48	164.43	169.07	178.93	188.09	193.50	192.99	188.56	186.16	184.67
7	Eucalyptus Props	<b>2.4419</b>	115.95	115.38	115.38	117.16	121.23	123.76	128.41	128.41	128.41	129.58	142.76	144.09	150.26
8	High tensile steel bars	<b>23.7058</b>	134.10	134.96	134.98	141.42	148.26	148.24	150.09	150.09	150.24	150.07	156.22	155.74	163.75
9	Lime	<b>2.1570</b>	104.30	104.57	104.57	105.69	106.36	106.37	107.31	107.08	108.62	108.61	111.13	111.13	115.93
10	Nails, bolts & screws	<b>10.0770</b>	115.89	115.42	115.76	116.30	119.92	120.13	119.14	120.55	119.85	119.65	116.69	118.02	120.12
11	Paints and varnishes	<b>10.8116</b>	114.06	115.06	115.92	117.16	117.60	119.67	119.91	119.92	120.31	121.31	119.77	120.65	122.31
12	Plastic pipes and fittings	<b>3.7058</b>	105.50	106.50	104.71	105.73	105.73	105.73	105.73	105.73	105.73	105.73	110.36	110.36	111.57
13	Sand	<b>8.7466</b>	124.64	126.34	127.31	127.82	138.12	138.54	138.31	138.23	138.33	143.56	136.32	136.39	137.86
14	Sheet steel, roofing sheets & similar	<b>9.0705</b>	133.39	134.41	135.28	142.25	147.87	145.60	147.35	146.91	147.69	147.13	139.92	140.13	143.25
15	Timber, coniferous, greater than 6mm thick	<b>17.7297</b>	107.48	106.70	106.26	107.47	110.29	110.30	110.44	110.68	110.68	110.93	112.31	113.04	113.39
	<b>Total Materials</b>	<b>315.0840</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>	<b>121.21</b>	<b>121.04</b>	<b>120.99</b>	<b>123.56</b>
16	<b>Utilities</b>	<b>2.9907</b>	117.97	117.97	117.97	117.97	117.97	117.97	117.97	125.05	125.05	125.05	125.05	125.05	125.05
17	<b>Services</b>	<b>59.6470</b>	100.99	100.97	100.97	100.97	101.18	101.16	101.30	101.30	101.37	100.72	100.72	100.72	101.27
18	<b>Labour</b>	<b>43.3536</b>	108.69	108.92	108.92	109.44	109.93	109.98	110.32	110.52	110.52	110.67	111.99	111.77	112.93
	<b>Overall Building Index</b>	<b>421.0753</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>	<b>117.25</b>	<b>117.26</b>	<b>117.19</b>	<b>119.32</b>

**Table 3: CIVIL ENGINEERING WORKS INDEX***Base Period 2016/17=100*

S No	Selected Products	Weight	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22
1	Aggregate, hardcore, crushed/broken stone	14.8509	119.54	120.16	120.85	122.00	125.32	125.80	125.99	126.14	126.14	123.24	122.64	122.84	124.91
2	Bitumen and bitumen primer	22.4555	110.45	109.80	110.48	111.74	112.47	112.87	113.08	114.81	115.07	115.03	122.64	122.07	119.45
3	Cement	3.6797	92.73	93.26	93.57	96.31	101.72	104.51	105.96	104.64	103.55	104.18	103.84	103.32	107.21
4	Clays and murrum	4.2186	111.90	112.95	112.95	112.95	114.37	114.37	114.37	122.64	125.18	127.45	122.63	122.63	123.51
5	Concrete bricks, blocks and slabs	5.4440	100.46	100.34	100.60	102.29	102.81	103.26	104.77	105.14	105.15	106.29	100.47	100.48	106.37
6	Diesel	2.9294	140.43	146.07	147.57	152.48	164.43	169.07	178.93	188.09	193.50	192.99	188.56	186.16	184.67
7	High tensile steel bars	1.9412	134.10	134.96	134.98	141.42	148.26	148.24	150.09	150.09	150.24	150.07	156.22	155.74	163.75
8	Insulated Electrical Cables	1.4732	122.61	122.58	123.08	123.71	123.71	123.71	123.71	123.99	125.66	125.65	124.06	123.99	123.99
9	Iron pipes	0.1992	123.84	123.84	123.84	123.84	123.84	123.84	123.84	139.47	139.47	159.28	159.28	159.28	159.28
10	Nails, bolts & screws	0.6857	115.89	115.42	115.76	116.30	119.92	120.13	119.14	120.55	119.85	119.65	116.69	118.02	120.12
11	Plastic pipes and fittings	1.6945	118.60	118.60	118.60	118.60	118.60	118.60	124.30	124.30	124.30	105.73	110.36	110.36	111.57
12	Steel pipe fittings	0.1594	118.60	118.60	118.60	118.60	118.60	118.60	124.30	124.30	124.30	124.30	124.30	124.30	133.71
13	Steel tubes and pipes	0.9924	114.82	113.67	113.42	116.92	124.04	126.40	127.45	127.45	127.45	127.45	132.56	130.80	129.48
	<b>Total Materials</b>	<b>73.4809</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>	<b>120.55</b>	<b>122.19</b>	<b>121.94</b>	<b>122.46</b>
14	Utilities	0.6604	117.97	117.97	117.97	117.97	117.97	117.97	117.97	125.05	125.05	125.05	125.05	125.05	125.05
15	Services	13.1711	100.99	100.97	100.97	100.97	101.18	101.16	101.30	101.30	101.37	100.72	100.72	100.72	101.27
16	Labour	9.5732	108.69	108.92	108.92	109.44	109.93	109.98	110.32	110.52	110.52	110.67	111.99	111.77	112.93
	<b>Overall Civil Engineering works Index</b>	<b>96.8855</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>	<b>116.91</b>	<b>118.28</b>	<b>118.07</b>	<b>118.66</b>

**Table 4: SPECIALISED CONSTRUCTION ACTIVITIES INDEX***Base Period 2016/17=100*

S No	Selected Products	Weight	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22
1	Aggregate, hardcore, crushed / broken stone	<b>0.7198</b>	119.54	120.16	120.85	122.00	125.32	125.80	125.99	126.14	126.14	123.24	122.64	122.84	124.91
2	Cement	<b>48.7231</b>	92.73	93.26	93.57	96.31	101.72	104.51	105.96	104.64	103.55	104.18	103.84	103.32	107.21
3	Ceramic wall and floor tiles	<b>28.5648</b>	150.11	150.78	148.19	149.36	151.14	151.14	153.10	153.27	151.85	153.27	155.54	155.54	153.72
4	Clay bricks and tiles	<b>8.0435</b>	131.42	130.97	132.52	132.91	133.80	134.62	133.20	132.79	132.49	133.74	137.91	137.85	141.18
5	Concrete bricks, blocks and slabs	<b>0.3251</b>	100.46	100.34	100.60	102.29	102.81	103.26	104.77	105.14	105.15	106.29	100.47	100.48	106.37
6	Diesel	<b>79.0569</b>	140.43	146.07	147.57	152.48	164.43	169.07	178.93	188.09	193.50	192.99	188.56	186.16	184.67
7	Doors, windows & frames of iron, steel / aluminum	<b>50.7817</b>	109.75	109.61	109.52	110.03	109.70	110.26	111.01	111.30	111.56	111.52	106.55	106.20	105.94
8	Eucalyptus Props	<b>0.0180</b>	115.95	115.38	115.38	117.16	121.23	123.76	128.41	128.41	128.41	129.58	142.76	144.09	150.26
9	High tensile steel bars	<b>0.0090</b>	134.10	134.96	134.98	141.42	148.26	148.24	150.09	150.09	150.24	150.07	156.22	155.74	163.75
10	Insulated Electrical Cables	<b>3.5327</b>	122.61	122.58	123.08	123.71	123.71	123.71	123.71	123.99	125.66	125.65	124.06	123.99	123.99
11	Lime	<b>1.6889</b>	104.30	104.57	104.57	105.69	106.36	106.37	107.31	107.08	108.62	108.61	111.13	111.13	115.93
12	Nails, bolts & screws	<b>19.7099</b>	115.89	115.42	115.76	116.30	119.92	120.13	119.14	120.55	119.85	119.65	116.69	118.02	120.12
13	Paints and varnishes	<b>34.7350</b>	114.06	115.06	115.92	117.16	117.60	119.67	119.91	119.92	120.31	121.31	119.77	120.65	122.31
14	Plastic pipes and fittings	<b>8.5659</b>	105.50	106.50	104.71	105.73	105.73	105.73	105.73	105.73	105.73	105.73	110.36	110.36	111.57
15	Sand	<b>7.2043</b>	124.64	126.34	127.31	127.82	138.12	138.54	138.31	138.23	138.33	143.56	136.32	136.39	137.86
	<b>Total Materials</b>	<b>414.0571</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>	<b>131.59</b>	<b>130.53</b>	<b>130.22</b>	<b>130.89</b>
16	Utilities	<b>3.4489</b>	117.97	117.97	117.97	117.97	117.97	117.97	117.97	125.05	125.05	125.05	125.05	125.05	125.05
17	Services	<b>48.3343</b>	100.99	100.97	100.97	100.97	101.18	101.16	101.30	101.30	101.37	100.72	100.72	100.72	101.27
18	Labour	<b>16.1989</b>	108.69	108.92	108.92	109.44	109.93	109.98	110.32	110.52	110.52	110.67	111.99	111.77	112.93
	<b>Overall Specialised Construction Activities</b>	<b>482.0392</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>	<b>127.74</b>	<b>126.88</b>	<b>126.60</b>	<b>127.27</b>