

## Indicative Rates for Construction Works (December 2020)

### A. General Notes

1. These rates shall be published periodically by the CIDB.
2. The rates are indicative only and have to be used with care. Depending on the nature of the works, these rates may be adjusted to suit project requirements.
3. The rates are meant to be used as a guide or benchmark by users for budget purposes and other costing.

### B. Prices for Work Items

1. The rates for Work Items **include** the costs of labour, materials, plant/equipment (as applicable) inclusive of allowance for wastage and associated transportation.
2. The rates for Work Items **exclude** Value Added Tax (VAT) and also exclude other allowances such as Preliminaries or Attendance & Profit which are to be assessed by users based on specific requirements.
3. Specific circumstances relevant to a project may be factored in the rates and/or the Preliminaries, as applicable, in the computation of an overall cost estimate for a project by end users.

**Indicative Rates for Construction Works (December 2020)**  
**Rates for Work Items for a Typical House Construction**

SN	Description of Work Items	Unit	Work Items (Range of Rates) (MUR)	
			From	To
<b>A</b>	<b>Site Clearance and Earthworks</b>			
1	Clear site of vegetation and dispose off-site	m <sup>2</sup>	40	70
2	Cut down trees (500mm diameter or more) and cart away from site	no.	3,200	9,300
3	Excavate topsoil (150mm or 200mm deep) and deposit in temporary spoil heaps	m <sup>2</sup>	30	40
4	Excavate in bulk starting from stripped level and deposit in temporary spoil heaps	m <sup>3</sup>	320	620
5	Temporary support to face(s) of excavation (for depth up to 6000mm)	m <sup>2</sup>	270	380
6	Allow for removal and disposal of ground water by pumping, bailing or other means (24-hour operation)	day	4,450	4,650
7	Disposal of excavated material off site	m <sup>3</sup>	N/A	245
8	Backfilling with selected fill obtained from spoil heaps	m <sup>3</sup>	200	220
9	Imported soil fill	m <sup>3</sup>	700	740
10	Imported hardcore/Crushed stone filling	m <sup>3</sup>	950	2,300
11	Anti-termite treatment	m <sup>2</sup>	N/A	30
12	UV resistant plastic sheeting 250 microns with dual function as damp proof membrane and anti-termite physico-chemical barrier	m <sup>2</sup>	N/A	150
13	Non-woven geotextile membrane laid in trenches/pits	m <sup>2</sup>	90	110
14	Allow for temporary support to existing structures not exceeding 2000mm high	m	550	620
15	Excavate preliminary trench starting from stripped level and deposit in temporary spoil heaps	m <sup>3</sup>	290	690
<b>B</b>	<b>Concrete Works and Blockwalling</b>			
16	Site-mixed plain concrete			
	Grade 15 (blinding layer 50mm or 75mm thick)	m <sup>3</sup>	5,250	5,500
	Grade 20	m <sup>3</sup>	4,600	4,950
17	Pre-mixed plain concrete			
	Grade 15 (blinding layer 50mm or 75mm thick)	m <sup>3</sup>	6,000	6,100
	Grade 20	m <sup>3</sup>	5,270	5,400
18	Site-mixed reinforced concrete			
	Grade 25	m <sup>3</sup>	4,740	5,100
	Grade 30	m <sup>3</sup>	4,900	5,250
19	Pre-mixed reinforced concrete			

SN	Description of Work Items	Unit	Work Items (Range of Rates) (MUR)	
			From	To
	<i>Grade 25</i>	m <sup>3</sup>	5,200	5,400
	<i>Grade 30</i>	m <sup>3</sup>	5,400	5,600
	<i>Grade 35</i>	m <sup>3</sup>	5,600	5,800
20	Formwork for in-situ concrete			
	<i>Class 3 finish</i>	m <sup>2</sup>	500	620
	<i>Class 2 finish</i>	m <sup>2</sup>	635	1,150
	<i>Class 1 finish</i>	m <sup>2</sup>	450	1,270
21	Mild steel reinforcement of diameter 6mm for in-situ concrete, generally cut and bent to shapes and profiles. Rate includes for tying wire, steel chairs, spacer, waste, etc.	kg	55	60
22	High tensile reinforcement (diameter ranging from 8mm to 32 mm) for in-situ concrete, generally cut and bent to shapes and profiles. Rate includes for tying wire, steel chairs, spacer, waste, etc.	kg	50	60
23	Mesh reinforcement for in-situ concrete, including all necessary chairs, waste cutting, overlapping and tying with stout gauge mild steel tying wire.			
	<i>ref. A98 (1.54kg/m<sup>2</sup>)</i>	m <sup>2</sup>	160	170
	<i>ref. A142 (2.22kg/m<sup>2</sup>)</i>	m <sup>2</sup>	195	200
	<i>ref. A193 (3.02kg/m<sup>2</sup>)</i>	m <sup>2</sup>	250	260
	<i>ref. A252 (3.95kg/m<sup>2</sup>)</i>	m <sup>2</sup>	300	310
	<i>ref. A393 (6.16kg/m<sup>2</sup>)</i>	m <sup>2</sup>	445	450
24	Polystyrene 25mm thick as expansion joint filler in in-situ concrete	m <sup>2</sup>	220	270
25	Deep saw cut joints 8mm x 40mm in floor slab and filling with polysulphide sealant	m	420	425
26	Supply and fix water bar	m	N/A	420
27	Allow for dowelling of new reinforcement bar to existing concrete element.	no.	90	190
28	Hollow concrete blockwalling laid with cement and sand mortar			
	<i>Walls; 100mm thick</i>	m <sup>2</sup>	550	725
	<i>Walls; 150mm thick</i>	m <sup>2</sup>	590	780
	<i>Walls; 200mm thick</i>	m <sup>2</sup>	670	900
29	Infilled hollow concrete blockwalling laid with cement and sand mortar with voids filled with concrete Grade 20N/mm <sup>2</sup>			
	<i>Walls; 150mm thick</i>	m <sup>2</sup>	900	1,150
	<i>Walls; 200mm thick</i>	m <sup>2</sup>	1,135	1,400
30	Infilled reinforced hollow concrete blockwalling laid with cement and sand mortar with high tensile reinforcement bar fixed vertically and filled with concrete Grade 20N/mm <sup>2</sup>			
	<i>Walls; 150mm thick</i>	m <sup>2</sup>	1,050	1,200
	<i>Walls; 200mm thick</i>	m <sup>2</sup>	1,300	1,585
<b>C</b>	<b>Plastering</b>			

SN	Description of Work Items	Unit	Work Items (Range of Rates) (MUR)	
			From	To
31	Cement and sand (1:4) render mixed with an approved plasticiser laid on concrete or blockwall surfaces. <i>12mm thick to walls internally with sponge finish</i>	m <sup>2</sup>	315	380
	<i>12mm thick to reveals of openings with sponge finish</i>	m <sup>2</sup>	350	430
	<i>12mm thick to walls finished to receive tiles</i>	m <sup>2</sup>	300	350
	<i>20mm thick to walls externally in two coats with sponge finish</i>	m <sup>2</sup>	500	600
	<i>12mm render to soffit of suspended slab</i>	m <sup>2</sup>	450	570
<b>D</b>	<b>Waterproofing Works</b>			
32	Bituminous waterproofing membrane with pebble finish	m <sup>2</sup>	N/A	525
33	Cold applied liquid waterproofing for roof coatings.	m <sup>2</sup>	N/A	700
<b>E</b>	<b>Openings</b>			
34	Powder coated aluminium windows <i>Window overall size 600 x 600mm</i>	no.	N/A	4,000
	<i>Window overall size 1200 x 1200mm</i>	no.	N/A	10,000
	<i>Window overall size 1500 x 1500mm</i>	no.	N/A	13,500
35	Powder coated aluminium doors <i>Single leaf glazed door overall size 900 x 2100mm</i>	no.	N/A	13,000
	<i>Double leaf glazed door overall size 1800 x 2100mm</i>	no.	N/A	24,300
36	Solid timber doors <i>Single leaf door overall size 900 x 2100mm</i>	no.	N/A	31,300
	<i>Double leaf door overall size 1800 x 2100mm</i>	no.	N/A	50,600
37	Semi-solid timber doors <i>Single leaf door overall size 900 x 2100mm</i>	no.	N/A	11,000
	<i>Double leaf door overall size 1800 x 2100mm</i>	no.	N/A	18,000
<b>F</b>	<b>Flooring and Tiling Works</b>			
38	Screed (ranging from 25mm to 45mm thick) laid on concrete floor and with smooth trowelled finish	m <sup>2</sup>	330	475
39	Screed (ranging from 20mm to 40mm thick) laid on concrete floor and finished to receive ceramic tiles	m <sup>2</sup>	300	450
40	Supply and lay ceramic tiles (assumed supply rate of Rs 500/m <sup>2</sup> ) with adhesive.	m <sup>2</sup>	1,000	1,210
<b>G</b>	<b>Painting Works</b>			
41	Prepare and apply one undercoat and two finishing coats of paint on walls, beams, and the like	m <sup>2</sup>	N/A	110
<b>H</b>	<b>Plumbing and Sanitary Appliances</b>			
42	Supply and fix the following sanitary appliances complete with pipes, fittings, etc. <i>W.C. suite (supply rate Rs 5,000/set)</i>	no.	7,100	7,700
	<i>Wash hand basin (supply rate Rs 7,500/set)</i>	no.	9,400	10,000
	<i>Urinal (supply rate Rs 4,000/set)</i>	no.	5,300	5,600
	<i>Stainless steel sink (Rs 4,500/set)</i>	no.	5,000	7,000
	<i>Shower tray (Rs 6,000/set)</i>	no.	8,000	8,500
	<i>Bath tub (Rs 20,000/set)</i>	no.	23,000	25,000
	<i>Shower screen</i>	no.	12,800	24,250
43	Supply and fix sanitary accessories such as floor drain, toilet paper holder, soap holder, soap dispenser, towel rail, hand dryer and mirror.	sum	15,000	20,000

SN	Description of Work Items	Unit	Work Items (Range of Rates) (MUR)	
			From	To
<b>I</b>	<b>Paving Works</b>			
44	Excavation, supply and installation of precast concrete kerbs	m	780	1,220
45	Imported hardcore/crushed stone filling to make levels under floors	m <sup>3</sup>	910	2,200
46	Asphaltic concrete C10	m <sup>2</sup>	N/A	870
47	Supply and lay interlocking paving block (size 60 to 100mm thick)	m <sup>2</sup>	1,140	1,475
<b>J</b>	<b>Landscaping Works</b>			
48	Soil preparatin for turfing	m <sup>2</sup>	N/A	380
49	Prepare and trim surface, plant "l'herbe bourik" or "l'herbe chien dent" of the following type, water and maintain for one month			
	<i>sprig grass</i>	m <sup>2</sup>	N/A	40
	<i>instant lawn</i>	m <sup>2</sup>	N/A	215
<b>K</b>	<b>Drainage Works</b>			
50	Rocksand 0-6mm (laid and compacted in layers) in bed and surround to pipe, septic tank and grease trap	m <sup>3</sup>	2,250	2,300
51	Aggregate 31.5-50mm (laid and compacted in layers) in trenches	m <sup>3</sup>	1,430	1,460
52	Hardcore/crushed stone filling laid and compacted in layers to make levels in leaching field/soakaway			
	<i>Hardstones not exceeding 100mm size</i>	m <sup>3</sup>	1,000	1,020
	<i>Crusher run size 0-32mm</i>	m <sup>3</sup>	2,200	2,225
53	Supply and fix heavy duty cast iron manhole cover and frame			
	<i>600 x 600mm cover to manhole</i>	No.	8,100	8,200
	<i>450 x 450mm cover to catchpit</i>	No.	4,500	4,625
54	Supply and fix metal grating and frame - 300 x 500mm cover to catchpit	No.	3,820	3,950