

**Revision of NWSDB Rates 2021 – Attachment 04 - C**

**Miscellaneous Items**

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**Table B - MIS/01: MISCELLANEOUS WORK - I**

1 Item No.	2 Description	3 Unit	4 Rate Rs. Cts
<b><u>Supply and fixing of Ladders</u></b>			
1	Aluminium ladder consisting of 50x25mm stringers and 25mm dia. rungs at 300mm centres. Fixed complete with necessary alloy steel bolts etc.	m	11,628.00
2	Aluminium ladder consisting of 65x12mm stringers and 20mm dia. rungs at 300mm centres. Fixed complete with necessary alloy steel bolts etc.	m	14,535.00
3	Aluminium ladder consisting of 75x75mm stringers and 25mm dia. rungs at 300mm centres. Fixed complete with necessary alloy steel bolts etc.	m	17,442.00
4	Aluminium ladder consisting of 225x6mm aluminium stringers 600mm apart and 600x250x8mm Aluminium steps welded to stringers including 40mm dia. Aluminium pipe handrail for ladder	m	21,375.00
5	GI ladder consisting of 225x6mm flat GI stringers 600mm apart and 600x250x3mm thick GI plate rungs welded to stringers at 300mm intervals including 40mm dia. GI handrail for ladder.	m	14,688.00
6	GI ladder consisting of 63x12mm flat GI stringers 350mm apart and 20mm dia. GI rungs at 300mm centers and fixed to concrete floor with 75x75x10mm angle cleat and 12mm dia. steel rag bolts and nuts.	m	14,688.00
7	MS ladder having 50x12 flat iron stringers 400mm apart and 20mm dia. MS hot dipped galvanized MS rungs at 300mm centers fixed complete.	m	10,984.00
<b><u>Supply and fixing of Steps</u></b>			
8	12mm MS steps embedded in concrete	nr	2,365.00
9	16mm MS steps embedded in concrete	nr	3,272.00
10	20mm MS steps embedded in concrete	nr	4,132.00
<b><u>Supply and fixing of Manhole Covers with frame</u></b>			
11	600x700mm MS plate manhole cover with locking arrangement and lifting handles	nr	36,354.00
12	750x750mm MS plate manhole cover with locking arrangement and lifting handles	nr	41,310.00
13	700x1000mm MS plate manhole cover with locking arrangement and lifting handles	nr	45,522.00
14	1100x900mm MS plate manhole cover with locking arrangement and lifting handles	nr	47,790.00

Item No.	Description	Unit	Rate Rs. Cts
	<b><u>Supply and placing gabion boxes</u></b>		
15	1000x1000x1000mm size filled with rubble	nr	13,860.00
16	1500x1000x500mm size filled with rubble	nr	13,598.00
17	2000x1000x1000mm size filled with rubble	nr	25,410.00
	<b><u>Supply and fixing of Chequered Plates</u></b>		
18	Supply and fixing 1700x1200x3mm MS chequered plate,25x25x5mm size angle iron to be welded at the bottom side of the piece.	nr	34,992.00
19	Supply and fixing 6mm thick MS chequered plate (heavily galvanised)	m <sup>2</sup>	38,718.00
20	Supply and fixing of 3mm thick MS chequered plate (heavily galvanised)	m <sup>2</sup>	19,440.00
	<b><u>Supply and fixing of Baffle boards</u></b>		
	Supply and fixing of 40mm thick timber baffle boards ( Hora or Kumbuk)		
21	Length up to 1.5m	m <sup>2</sup>	7,296.00
22	Length up to 2.5m	m <sup>2</sup>	27,986.00
23	Supply and fixing of 9mm thick Upvc baffle boards fixed using stainless steel angle cleat (50x50x5mm) fitted to concrete walls/slabs with 10mm dia.stainless steel drop anchor (50mm long approx.)	m <sup>2</sup>	52,500.00
24	Supply and fixing of 2mm thick stainless steel grating with 40x40x5mm angle iron frame and 40x5mm thick mild steel flat iron 1300x1000mm cover grating	m <sup>2</sup>	88,725.00
	<b><u>Supply and fixing Pipe brackets</u></b>		
25	Pipe bracket comprising of 75x6mm heavily galvanized M.S.pipe strap bend to shape and fixed with necessary rag bolt and nut.( 300mm dia.pipe)	nr	7,800.00
26	Pipe bracket comprising of 75x6mm heavily galvanized M.S.pipe strap bend to shape and fixed with necessary rag bolt and nut.( 80mm dia. Pipe)	nr	3,660.00
27	Pipe bracket comprising of 50x6mm heavily galvanized M.S.pipe strap bend to shape and fixed with necessary rag bolt and nut.( 200mm dia. Pipe)	nr	4,920.00

Item No.	Description	Unit	Rate Rs. Cts
	<b><u>Supply and placing of Filter Media ( Pebbles)</u></b>		
28	40 - 60mm	m <sup>3</sup>	16,872.00
29	20 - 40mm	m <sup>3</sup>	16,926.00
30	10 - 20mm	m <sup>3</sup>	17,035.00
31	5 - 10mm	m <sup>3</sup>	13,978.00
32	2.5 - 5.0mm	m <sup>3</sup>	14,033.00
	<b><u>Supply and replacing of Filter Media ( Pebbles)</u></b>		
33	40 - 60mm	m <sup>3</sup>	20,246.00
34	20 - 40mm	m <sup>3</sup>	20,246.00
35	10 - 20mm	m <sup>3</sup>	18,215.00
36	5 - 10mm	m <sup>3</sup>	15,889.00
37	2.5 - 5.0mm	m <sup>3</sup>	15,856.00
	<u>Fine sand (uniformity coefficient of filter media = 1.5 and effective size of filter media 20.55)</u>		
38	Slow sand filter - (0.2- 0.3mm)	m <sup>3</sup>	12,449.00
39	Rapid sand filter - ( 0.4-1.2mm)	m <sup>3</sup>	12,340.00
	<u>Filter Media ( Sludge drying beds )</u>		
40	Coarse Gravel ( 25 -40mm )	m <sup>3</sup>	10,920.00
41	Gravel ( 1.5 - 25mm )	m <sup>3</sup>	16,380.00
42	Medium sand ( 0.5 - 1.5mm )	m <sup>3</sup>	21,840.00
43	Supply and applying heat reflecting paint over the 10-25mm dia. white pebbles on roof	m <sup>3</sup>	10,614.00
44	Supply and laying two coats of bitumen and placing of 20-40mm white pebbles ( for slab)	m <sup>3</sup>	12,182.00
45	Neoprane Bearing strip as compressible filler	m <sup>2</sup>	182.00
46	Supply and laying 90mm dia. PVC Type 1000 perforated lateral pipe 1300m m long	nr	2,813.00

Item No.	Description	Unit	Rate Rs. Cts
	<b><u>Miscellaneous Items</u></b>		
47	Testing and disinfection of water Tower	m <sup>3</sup>	530.00
48	Testing and disinfection for ground reservoir	m <sup>3</sup>	383.00
49	Supply and fixing of 600x300mm precast concrete grill	nr	2,964.00
50	Supply and fixing of Head loss indicator	nr	79,500.00
51	Supply and fixing of 8mm thick Aluminium stop plate with frame ( Average size 480 x500mm)	m2	26,402.00
52	Supply and fixing of GI Ventilator	nr	11,970.00
53	Supply and fixing of Water level indicator for ground reservoir fixed complete (Mechanical type)	nr	132,500.00
54	Supply and fixing of Water level indicator for water towers fixed complete (Mechanical type)	nr	169,600.00
55	Supply and fixing of Steel roof truss fabricate out of universal beams gusset plates , erect in framed structure.	kg	318.00
56	Supply and fixing of Steel folding door	m <sup>2</sup>	12,720.00
57	Supply and fixing of open type collapsible iron door consisting with 20x6mm flat iron cover and necesassary screws and necessary paintings.	m <sup>2</sup>	20,220.00
58	Supply and fixing of Marker Post	nr	5,200.00
59	Supply and fixing of polyproylene filter nozzles	nr	3,188.00
60	Supply and fixing of filter nozzle	nr	625.00
61	Provide and display contract sign board where directed 2.0x1.2m	nr	52,000.00
62	Supply of Powder Activated Carbon	t	850,000.00

**Note :**

1. Contractor's OH & P included.
2. VAT not included

**Source :**

Tender Prices - NWS&DB -2020 ( 1st to 4th Quarter)

**Table B-MIS/02: MISCELLANEOUS WORK - 11**

1 Item No.	2 Description	3 Unit	4 Rate
1	Turfing on level ground - on slope with approved turf. Rate to include for preparation of ground for turfing and Watering and maintaining 3 months	m <sup>2</sup>	983.00
2	Planting trees 0.6m high. Plant shall be maintained for period of six months from the date of planting tree at site.	nr	4,005.00
3	Wier Gate - 930x200x50mm "Hora" timber planks with 2 nos. 16mm dia. Polimer lifting handles	nr	3,900.00
4	Supplying and erect 6.0m high lighting poles.	nr	11,670.00
5	Security lamp 4750mm high R.C.C. lighting poles ( cobra type)	nr	7,125.00
6	Halagen type flood lamp ( 500W)	nr	22,048.00
7	Supply & fixing for Zink Aluminium sheet gate 3.0m wide and 1.5m high complete with 40mm dia. GI pipe with necessary accessories	nr	91,840.00
8	Supply & fixing for Zink Aluminium sheet gate 4.0m wide and 1.8m high complete with 40mm dia. GI pipe with necessary accessories	nr	158,480.00
9	Supply & fixing of a sliding gate of size 3m wide and 1.8m high with zink aluminium sheets.( Mini door 750 x 1800mm ) complete with 40mm dia. GI pipe with necessary accessories	nr	164,640.00
10	Supply & fixing of a gate of size 750x1800mm with Zink Aluminium sheets. complete with 40mm dia. GI pipe with necessary accessories.	nr	11,984.00
	<b>Supply &amp; fixing of MS Gates (As per the type drawing)</b>		
11	MS Gate - 0.6m wide & 1.7m high	nr	12,240.00
12	MS Gate - 3.5m wide & 1.7m high	nr	61,200.00
13	MS Gate - 4.0m wide & 1.7m high	nr	84,000.00
14	MS Gate - 4.5m wide & 1.7m high	nr	96,000.00
15	Supply and fixing of GI barbed wire fencing in seven strands fixed to concrete post at 3.0m centres with corner posts, structs etc. complete in places as shown in the drawing.	m	856.00
16	Supply and fixing 3 strings Pvc coated barbed wire along the boundry wall , fix to 50x50x6mm MS angle iron embeded in each column.	m	930.00

Item No.	Description	Unit	Rate
17	Supply and fixing of PVC coated chain link fence (2"x2" mesh Guage 10 wire, 1.5m height) including GI posts <b>with</b> rubble foundation	m	14,825.00
18	Supply and fixing of PVC coated chain link fence (2"x2" mesh Guage 10 wire, 1.5m height) including GI posts <b>without</b> rubble foundation	m	12,700.00
	<b><u>Supply and fixing of Handrails</u></b>		
19	32mm dia. GI hand rail 900mm high with all necessary fittings including painting	m	8,880.00
20	40mm dia. GI hand rail 900mm high with all necessary fittings including painting	m	10,710.00
21	40mm dia. GI hand rail 1000mm high with all necessary fittings including painting	m	12,240.00
	<b><u>Supply and fixing of Water Bars</u></b>		
22	230mm wide dumb-bell shape, centre bubble type PVC water bar	m	3,125.00
23	300mm wide dumb-bell shape, centre bubble type PVC water bar	m	3,438.00
24	400mm wide dumb-bell shape, centre bubble type PVC water bar	m	3,750.00
25	Supply and fixing of polycarbonate plates		
	<b><u>Solid sheets</u></b>		
26	2mm thk.	m <sup>2</sup>	5,531.00
27	4mm thk.	m <sup>2</sup>	9,244.00
	<b><u>Hollow sheets</u></b>		
28	4mm thk.	m <sup>2</sup>	1,740.00
29	6mm thk.	m <sup>2</sup>	2,206.00
	<b><u>Miscellaneous Items</u></b>		
30	Supply and laying of suitable non coloured interlocking cement block (compression strength 40N/mm <sup>2</sup> ) on 25mm thick sand bedding laid on well compacted earth.	m <sup>2</sup>	3,115.00
31	Supply and laying of suitable coloured interlocking cement block (compression strength 40N/mm <sup>2</sup> ) on 25mm thick sand bedding laid on well compacted earth.	m <sup>2</sup>	3,320.00
32	Supply and fixing of 750x150x200mm Concrete kerbs	m	460.00

Item No.	Description	Unit	Rate
	<b>Maintanance work</b>		
33	Dredging by machinery ( canal) and depositing the same along the bank.	m3	278.00
34	Dredging by machinery ( lake) and depositing the same along the bank.	m3	502.00
35	Turf cutting and removing the same	m2	38.00

**Note :**

1. Material, Plant and Labour costs are based on prevailing market prices
2. Contractor's OH & P not included.
- 3 . VAT not included

**Source :**

Work Studies