

CHAPTER NO. 5

CARRIAGE

Notes :-

- (i) The rates for carriage of materials manually upto 0.50 km and by mechanical means for every km lead, have been given. **The actual lead is to be paid if the lead is in fraction, the rate is to be worked out by interpolation.**
- (ii) These rates are inclusive of all taxes and contractor's profit.
- (iii) These rates are worked out keeping in view the Hon'ble Supreme Court directions to stop overloading. These rates are worked out taking into consideration the stipulated load to be carried by the vehicle. If during the execution of work, it is found that over-loading of material is carried by the agencies then the carriage rates are to be reduced by 50% and the recovery will be made from the bill of agency suitable condition to this effect is to be provided in the DNIT.
- (iv) Unless otherwise stated, the carriage rates do not include loading unloading and stacking for purposes of measurements.
- (v) For carriage of materials on river choe beds, 23 percent extra over the basic rates of kilometres concerned, should be paid for actual river or choe bed-length involved.
- (vi) For carriage of materials on unmetalled roads, 20 percent extra on the basic rates of kilometres concerned excepting those for item No. 5.3 to 5.5 should be paid.
- (vii) For carriage in sub mountainous area, the SE concerned may increase the carriage rates suitably upto maximum of 30% of the rates provided for the plains, in case he is satisfied that the existing schedule rates are not workable.
- (viii) For carriage of lengths above 6 metres of heavy steel sections like RS Joists, rails etc. which cannot be easily bent, increase the rates for steel in item No. 5.2 by 50 percent.
- (ix) Carriage work if done by boats shall be paid at the same rate as given in this chapter for carriage by road.
- (x) Carriage rates of all materials carried in the containers include the carriage of containers in which the materials are carried. Only the net weight of material carried, is payable excluding the weight of container.
- (xi) While making measurements of materials for the purposes of payment for carriage, suitable deduction shall be made to account for voids in loose stacking. The factor will be different with different materials and may be ascertained from the relevant specifications of that material, as given in chapter No. 5 of PWD specifications.
- (xii) The Superintending Engineer concerned may sanction the approved rates of Truck operators Unions in specific and emergent cases, in case he feels that the existing schedule rates are not workable.
- (xiii) The rates under item No. 5.6 do not provide for special carriage arrangements like cranes, trailers etc. Carriage of machinery not covered by this item should be paid at special rates to be determined after inviting quotations or tenders or the work may be got done by employing departmental labour.

CARRIAGE OF MATERIALS (METALLED ROADS) EXCLUDING LOADING, UNLOADING & STACKING				
Sr. No.	Description		Unit	Rates for plains as well as Sub-mountainous region.
1	2		3	4
5.1	(i)	Surkhi, Sand, Earth, Fly Ash, Bajri, Ballast, Stone Boulders, Kankar and Building Rubbish.		
		1st chain of 30 metres	cum	22.50
		2nd and 3rd chain, per chain of 30 metres	cum	4.87
		For subsequent chain per chain of 30 metres upto 0.50 km	cum	2.62
	(ii)	Cement		
		1st chain of 30 metres	t	45.00
		2nd and 3rd chain, per chain of 30 metres	t	3.75
		For subsequent chain per chain of 30 metres upto 0.50 km	t	1.87
	(iii)	Tar, Bitumen and other road binders		
		1st chain of 30 metres	t	45.00
		2nd and 3rd chain, per chain of 30 metres	t	3.75
		For subsequent chain per chain of 30 metres upto 0.50 km	t	1.87
	(iv)	M.S. Bars, steel, coal, lime G.I. pipes and special C.I. manhole covers, steps and other castings and ancillary miscellaneous items like lead, hemp yarn etc.		
		1st chain of 30 metres	t	75.00
		2nd and 3rd chain, per chain of 30 metres	t	3.75
		For subsequent chain per chain of 30 metres upto 0.50 km	t	1.87
	(v)	Timber		
		1st chain of 30 metres	cum	18.75
		2nd and 3rd chain, per chain of 30 metres	cum	3.00
		For subsequent chain per chain of 30 metres upto 0.50 km	cum	1.50
	(vi)	Bricks (22.86 cm x 11.11cm x 6.83cm)		
		1st chain of 30 metres	1000 nos	56.25
		2nd and 3rd chain, per chain of 30 metres	1000 nos	10.50
		For subsequent chain per chain of 30 metres upto 0.50 km	1000 nos	7.50
	(vii)	Tiles (30.48 cm x 15.24cm x 5.08cm)		
		1st chain of 30 metres	1000 nos	71.25
		2nd and 3rd chain, per chain of 30 metres	1000 nos	16.87

Sr. No.	Description	Unit	Rates for plains as well as Sub-mountainous region.	
	For subsequent chain per chain of 30 metres upto 0.50 km	1000 nos	9.00	
	(viii) Tiles (22.86 cm x 11.43cm x 3.81cm)			
	1st chain of 30 metres	1000 nos	45.00	
	2nd and 3rd chain, per chain of 30 metres	1000 nos	10.50	
	For subsequent chain per chain of 30 metres upto 0.50 km	1000 nos	5.62	
5.2	(i) Earth, Surkhi, Sand, Earth, Fly Ash, Bajri, Ballast, Stone Boulders, Kankar and Building Rubbish, Earth.			
	0.5 to 1.0 km	cum	75.00	
	2.0 km	cum	93.00	
	3.0 km	cum	110.25	
	4.0 km	cum	126.75	
	5.0 km	cum	142.50	
	6.0 km to 10.0 km	cum	11.25	per km
	11.0 km to 20 km	cum	7.50	per km
	21.0 km to 40 km	cum	4.50	per km
	41.0 km to 60 km	cum	3.35	per km
	61.0 km to 150.0 km	cum	1.70	per km
	151.0 km and above	cum	1.10	per km
	(ii) Cement			
	0.5 to 1.0 km	t	30.75	
	2.0 km	t	43.12	
	3.0 km	t	54.75	
	4.0 km	t	64.12	
	5.0 km	t	72.00	
	6.0 km to 10.0 km	t	8.25	per km
	11.0 km to 20 km	t	6.75	per km
	21.0 km to 40 km	t	4.10	per km
	41.0 km to 60 km	t	3.70	per km
	61.0 km to 150.0 km	t	2.10	per km
	151.0 km and above	t	1.35	per km

Sr. No.	Description	Unit	Rates for plains as well as Sub-mountainous region.	
	(iii) Tar, Bitumen and other Road Binders			
	0.5 to 1.0 km	t	38.25	
	2.0 km	t	55.50	
	3.0 km	t	71.25	
	4.0 km	t	84.75	
	5.0 km	t	97.00	
	6.0 km to 10.0 km	t	8.25	per km
	11.0 km to 20.0 km	t	5.50	per km
	21.0 km to 40.0 km	t	4.50	per km
	41.0 km to 60.0 km	t	4.05	per km
	61.0 km to 150.0 km	t	2.30	per km
	151.0 km and above	t	1.50	per km
	(iv) MS Bars, Steel, Coal, Lime, GI pipes and specials, CI manhole covers, steps and other castings and ancillary miscellaneous items like lead, hemp yarn etc.			
	0.5 to 1.0 km	t	56.25	
	2.0 km	t	69.00	
	3.0 km	t	81.00	
	4.0 km	t	91.50	
	5.0 km	t	101.25	
	6.0 km to 10.0 km	t	6.00	per km
	11.0 km to 20 km	t	5.62	per km
	21.0 km to 40 km	t	3.37	per km
	41.0 km to 60.0 km	t	2.35	per km
	61.0 km to 150.0 km	t	1.45	per km
	151.0 km and above	t	0.95	per km
	(v) Timber			
	0.5 to 1.0 km	cum	38.62	
	2.0 km	cum	47.62	

Sr. No.	Description	Unit	Rates for plains as well as Sub-mountainous region.	
	3.0 km	cum	55.87	
	4.0 km	cum	63.75	
	5.0 km	cum	71.25	
	6.0 km to 10.0 km	cum	4.50	per km
	11.0 km to 20 km	cum	4.12	per km
	21.0 km to 40 km	cum	2.62	per km
	41.0 km to 60.0 km	cum	1.65	per km
	61.0 km to 150.0 km	cum	1.05	per km
	151.0 km and above	cum	0.65	per km
(vi)	Bricks (22.86 cm x 11.11cm x 6.83cm)			
	0.5 to 1.0 km	1000 nos	87.00	
	2.0 km	1000 nos	140.62	
	3.0 km	1000 nos	192.00	
	4.0 km	1000 nos	241.50	
	5.0 km	1000 nos	288.75	
	6.0 km to 10.0 km	1000 nos	27.75	per km
	11.0 km to 20 km	1000 nos	19.50	per km
	21.0 km to 40 km	1000 nos	11.25	per km
	41.0 km to 60 km	1000 nos	6.75	per km
	61.0 km to 150.0 km	1000 nos	3.15	per km
	151.0 km and above	1000 nos	2.05	per km
(vii)	Tiles 30.48 x 15.24x5.08 cm			
	0.5 km to 1.0 km	1000 nos	272.25	
	2.0 km	1000 nos	343.50	
	3.0 km	1000 nos	399.00	
	4.0 km	1000 nos	447.75	
	5.0 km	1000 nos	495.00	
	6.0 km to 10.0 km	1000 nos	31.50	per km

Sr. No.	Description	Unit	Rates for plains as well as Sub-mountainous region.	
	11.0 km to 20 km	1000 nos	28.50	per km
	21.0 km to 40 km	1000 nos	16.50	per km
	41.0 km to 60 km	1000 nos	10.10	per km
	61.0 km to 150.0 km	1000 nos	4.85	per km
	151.0 km and above	1000 nos	3.15	per km
(viii)	Tiles 22.86x11.43x3.81 cm			
	0.50 km to 1.0 km	1000 nos	84.75	
	2.0 km	1000 nos	106.50	
	3.0 km	1000 nos	126.75	
	4.0 km	1000 nos	146.25	
	5.0 km	1000 nos	165.00	
	6.0 km to 10.0 km	1000 nos	9.75	per km
	11.0 km to 20 km	1000 nos	9.00	per km
	21.0 km to 40 km	1000 nos	6.00	per km
	41.0 km to 60 km	1000 nos	5.05	per km
	61.0 km to 150.0 km	1000 nos	2.75	per km
	151.0 km and above	1000 nos	1.75	per km
(ix)(a)	Cast iron pipes 80mm i/d (Truck load 8.50 tonnes)			
	0.50 km to 1.0 km	t	90.00	
	2.0 km	t	98.25	
	3.0 km	t	106.50	
	4.0 km	t	114.75	
	5.0 km	t	123.00	
	6.0 km to 10.0 km	t	8.25	per km
	11.0 km to 20 km	t	5.65	per km
	21.0 km to 40 km	t	4.12	per km

Sr. No.	Description	Unit	Rates for plains as well as Sub-mountainous region.	
	41.0 km to 60 km	t	2.35	per km
	61.0 km to 150.0 km	t	1.25	per km
	151.0 km and above	t	0.82	per km
(b)	Cast iron pipes 100mm to 150mm i/d (Truck load 7.0 tonnes)			
	0.50 km to 1.0 km	t	112.50	
	2.0 km	t	122.25	
	3.0 km	t	132.00	
	4.0 km	t	141.75	
	5.0 km	t	151.50	
	6.0 km to 10.0 km	t	9.75	per km
	11.0 km to 20 km	t	6.75	per km
	21.0 km to 40 km	t	4.87	per km
	41.0 km to 60 km	t	3.04	per km
	61.0 km to 150.0 km	t	1.70	per km
	151.0 km and above	t	1.10	per km
(c)	Cast iron pipes 200mm to 350 mm i/d (Truck load 5.50 tonnes)			
	0.50 km to 1.0 km	t	155.25	
	2.0 km	t	168.00	
	3.0 km	t	180.75	
	4.0 km	t	193.50	
	5.0 km	t	206.25	
	6.0 km to 10.0 km	t	12.75	per km
	11.0 km to 20 km	t	7.12	per km
	21.0 km to 40 km	t	6.00	per km
	41.0 km to 60 km	t	4.05	per km
	61.0 km to 150.0 km	t	2.55	per km
	151.0 km and above	t	1.65	per km

Sr. No.	Description	Unit	Rates for plains as well as Sub-mountainous region.	
(d)	Cast iron pipes 400 mm to 600 mm i/d (Truck load 4.75 tonnes)			
	0.50 km to 1.0 km	t	192.00	
	2.0 km	t	206.25	
	3.0 km	t	220.50	
	4.0 km	t	234.75	
	5.0 km	t	249.00	
	6.0 km to 10.0 km	t	14.25	per km
	11.0 km to 20 km	t	7.50	per km
	21.0 km to 40 km	t	6.75	per km
	41.0 km to 60 km	t	5.05	per km
	61.0 km to 150.0 km	t	3.15	per km
	151.0 km and above	t	2.05	per km
(x)(a)	Cement asbestos pipes 80mm to 150 mm i/d (Truck load 6.25 tonnes)			
	0.50 km to 1.0 km	t	123.75	
	2.0 km	t	135.00	
	3.0 km	t	146.25	
	4.0 km	t	157.50	
	5.0 km	t	168.75	
	6.00 km to 10.00 km	t	11.25	per km
	11.0 km to 20 km	t	6.75	per km
	21.0 km to 40 km	t	5.25	per km
	41.0 km to 60 km	t	4.05	per km
	61.0 km to 150.0 km	t	2.55	per km
	151.0 km and above	t	1.65	per km
(b)	Cement asbestos pipes 200mm to 250mm i/d (Truck load 4.50 tonnes)			
	0.50 km to 1.0 km	t	170.25	

Sr. No.	Description	Unit	Rates for plains as well as Sub-mountainous region.	
	2.0 km	t	186.00	
	3.0 km	t	201.75	
	4.0 km	t	217.50	
	5.0 km	t	233.25	
	6.00 km to 10.00 km	t	15.75	per km
	11.0 km to 20 km	t	8.25	per km
	21.0 km to 40 km	t	7.50	per km
	41.0 km to 60 km	t	6.05	per km
	61.0 km to 150.0 km	t	3.60	per km
	151.0 km and above	t	2.30	per km
(xi)	PVC/HDPE pipes All sizes (Truck load 2.20 tonnes)			
	0.50 km to 1.0 km	t	339.00	
	2.0 km	t	369.00	
	3.0 km	t	399.00	
	4.0 km	t	429.00	
	5.0 km	t	459.00	
	6.00 km to 10.00 km	t	30.00	per km
	11.0 km to 20 km	t	24.37	per km
	21.0 km to 40 km	t	15.00	per km
	41.0 km to 60 km	t	9.45	per km
	61.0 km to 150.0 km	t	4.25	per km
	151.0 km and above	t	2.75	per km
(xii)(a)	S.W. pipes 100 mm to 200mm i/d (Truck load 4.50 tonnes)			
	0.50 km to 1.0 km	t	170.25	
	2.0 km	t	186.00	
	3.0 km	t	201.75	
	4.0 km	t	217.15	

Sr. No.	Description	Unit	Rates for plains as well as Sub-mountainous region.	
	5.0 km	t	233.25	
	6.00 km to 10.00 km	t	15.75	per km
	11.0 km to 20 km	t	8.25	per km
	21.0 km to 40 km	t	7.50	per km
	41.0 km to 60 km	t	6.05	per km
	61.0 km to 150.0 km	t	3.60	per km
	151.0 km and above	t	2.30	per km
(b)	<i>S.W. pipes 225mm to 450mm i/d (Truck load 4.00 tonnes)</i>			
	0.50 km to 1.0 km	t	187.50	
	2.0 km	t	206.25	
	3.0 km	t	225.00	
	4.0 km	t	243.75	
	5.0 km	t	262.50	
	6.00 km to 10.00 km	t	18.75	per km
	11.0 km to 20 km	t	9.00	per km
	21.0 km to 40 km	t	8.62	per km
	41.0 km to 60 km	t	7.40	per km
	61.0 km to 150 km	t	4.65	per km
	151.0 km and above	t	3.00	per km
(xiii)(a)	Carriage of RCC pipes 100 mm to 150 mm i/d (Truck load 6.75 tonnes)			
	0.50 km to 1.0 km	t	114.75	
	2.0 km	t	124.50	
	3.0 km	t	134.25	
	4.0 km	t	144.00	
	5.0 km	t	153.75	
	6.00 km to 10.00 km	t	9.75	per km
	11.0 km to 20 km	t	7.50	per km

Sr. No.	Description	Unit	Rates for plains as well as Sub-mountainous region.	
	21.0 km to 40 km	t	4.87	per km
	41.0 km to 60 km	t	3.05	per km
	61.0 km to 150 km	t	1.70	per km
	151.0 km and above	t	1.10	per km
(b)	RCC pipes 200mm to 300mm i/d (Truck load 6.50 tonnes)			
	0.50 km to 1.0 km	t	118.87	
	2.0 km	t	129.00	
	3.0 km	t	139.12	
	4.0 km	t	149.25	
	5.0 km	t	159.37	
	6.0 km to 10.0 km	t	10.12	per km
	11.0 km to 20 km	t	7.87	per km
	21.0 km to 40 km	t	5.25	per km
	41.0 km to 60 km	t	3.00	per km
	61.0 km to 150.0 km	t	1.70	per km
	151.0 km and above	t	1.10	per km
(c)	RCC pipes 350mm to 450mm i/d (Truck load 6.00 tonnes)			
	0.50 km to 1.0 km	t	128.25	
	2.0 km	t	139.12	
	3.0 km	t	150.00	
	4.0 km	t	160.87	
	5.0 km	t	171.75	
	6.00 km to 10.00 km	t	10.87	per km
	11.0 km to 20 km	t	7.87	per km
	21.0 km to 40 km	t	5.25	per km
	41.0 km to 60 km	t	4.35	per km
	61.0 km to 150 km	t	2.75	per km
	151.0 km and above	t	1.75	per km

Sr. No.	Description	Unit	Rates for plains as well as Sub-mountainous region.	
	(d) RCC pipes above 450 mm i/d (Truck load 5.0 tonnes)			
	0.50 km to 1.0 km	t	155.62	
	2.0 km	t	168.75	
	3.0 km	t	181.90	
	4.0 km	t	195.00	
	5.0 km	t	208.15	
	6.00 km to 10.00 km	t	13.10	per km
	11.0 km to 20 km	t	9.00	per km
	21.0 km to 40 km	t	6.35	per km
	41.0 km to 60 km	t	5.40	per km
	61.0 km to 150 km	t	3.40	per km
	151.0 km and above	t	2.20	per km
5.3	Carriage of odd jobs.			
	(a) Mazdoor load upto 40 kg and distance upto 3.0 km	Each	60.00	
	(b) Mazdoor load upto 40 kg and distance exceeding 3.0km and up to 6.0km	Each	120.00	
5.4	Carriage of small consignments out of the Railway premises to a distance of 10 chains of 30 metres each, including loading unloading and stacking.	qtl	30.00	
5.5	Carriage over short distance of small consignments, upto 2.0 qtls in weight including loading, un-loading and stacking.			
	(a) 1.0 km	qtl	48.75	
	(b) 2.0 km	qtl	67.50	
	(c) 3.0 km	qtl	82.50	
	(d) Subsequent km per km	qtl	7.50	
5.6	Carriage of light/medium package, containing material.			
	(a) By manual labour, individual piece, weighing from 1.50 qtls to 4.0 qtls and not mounted on wheels, including stacking.			

Sr. No.	Description	Unit	Rates for plains as well as Sub-mountainous region.	
	(i) Upto 150 metres	Piece	187.50	
	(ii) Exceeding 150 metres and upto 300 metres	Piece	300.00	
	(b) By Mechanical transport including the use of pully block, individual piece weighing upto one tonne			
	(i) 1st 300 metres	t	187.50	
	(ii) Add for every 300 metres but up to 1200 metres	t	22.50	
	(iii) For 1600 metres exceeding 1200 metres	t	277.50	
	(iv) Add for every subsequent km up to 8.00 km	t	26.25	
	(v) Add for every subsequent km above 8.00 km up to 16.00 km	t	20.60	
5.7	Carriage of empty cement bags including bundling.			
	(i) 1st 300 metres	100 nos	7.50	
	(ii) 2nd and 3rd (300 metres)	100 nos	1.85	
	(iii) For One km	100 nos	11.25	
	(iv) For Two km	100 nos	18.00	
	(v) For Three km	100 nos	24.00	
	(vi) Above 3.0 km but up to 13.0 km	100 nos	4.50	per km
	(vii) Subsequent km	100 nos	3.75	per km
5.8	Carriage of soaking and mortar mixing tanks.			
	(i) For One km	qtl	18.75	
	(ii) For Two km	qtl	30.00	
	(iii) For Three km	qtl	33.75	
	(iv) For Four km	qtl	40.10	
	(v) For Five km	qtl	45.00	
	(vi) For Six km	qtl	49.85	
	(vii) Subsequent km	qtl	4.50	per km
5.9	Bending MS Bars for carriage purposes.	t	82.50	