

CHAPTER - 2 : CARRIAGE OF MATERIALS			
Item No.	Description Of Item	Unit	Rate (Rs.)
	Note : For all items under this Chapter : (1) Only net quantity after deduction of voids, if any as per specifications will be paid. (2) Rates are for complete items and include all lift, ascent and descent, if any. (3) Where heavy materials are involved, rates include use of machinery and equipment like cranes, lifting tackles, tripod with chain and pulley, ramps, cribs etc. complete at contractor's cost. (4) Distance for lead will be the shortest practicable distance and may be less than the route adopted by the contractor for his own convenience and will be decided by the Engineer in-charge. (5) Loading and unloading to be considered separate operations for purpose of payment.		
021010	Loading/Unloading F.P.S. / Modular bricks including manual lead upto 50m and stacking properly into/from trucks, trailers or wagons	1000 nos.	401.95
021020	Leading bricks FPS / Modular upto 50m including picking up	1000 nos.	550.61
021021	Additional lead for every subsequent 50m or part thereof over 50m and upto 500m over item 021020.	1000 nos.	90.67
021030	Leading bricks FPS / Modular by truck, trailer, etc. for lead upto 10 km. Lead under this item is payable when the same exceeds 500 M.	1000 nos.	177.15
021040	Loading/Unloading stone sets of different sizes including lead upto 50m and stacking properly into/from trucks, trailers or wagons	Cum	401.94
021050	Leading stone setts of different size upto 50m including picking up and stacking	Cum	508.74
021051	Additional lead for every subsequent 50m or part thereof over 50m and upto 500m over item 021050	Cum	101.12
021060	Leading stone setts by trucks, trailer, etc. for lead upto 10 km. Note : Lead under this item is payable when the same exceeds 500 M.	Cum	88.58
021070	Loading/Unloading ballast, kankar, brickbats, stone-chips, shingle, stone boulders, block kankar, pitching stones, rubble stones, laterite, coal, surkhi, dry mortar, sand, moorum, earth, manure or sludge, ashes, lime etc., including lead up to 50m and stacking into/from trucks, trailers or wagons	Cum	39.14
021080	Leading ballast, kankar, surkhi, lime, sand, ashes, stone chips, pitching, stone, boulders, soling, stone, rubble stone, brickbats, shingle, dry mortar, laterite or similar materials including picking up and stacking, lead upto 50m	Cum	92.17
021081	Additional lead for every subsequent 50m or part thereof, over 50m and upto 500m over item no. 021080	Cum	22.96

Item No.	Description Of Item	Unit	Rate (Rs.)
021090	Leading ballast, kankar, brickbats, stone-chips, shingle, stone boulders, block kankar, pitching stones , rubble stones, laterite, coal, surkhi, dry mortar, sand , moorum, earth, manure or sludge, ashes, lime, debris, muck, malba, etc.. for lead upto 25 km. Note : Lead under this item is payable when the same exceeds 500 M.	Cum	88.58
021100	Loading/Unloading cement in bags, coal-tar, asphalt, paint etc. including lead upto 50m and stacking properly into/from trucks, trailers or wagons.	MT	34.16
021110	Leading cement in bags, coal-tar, asphalt, paint, including picking up and stacking, lead upto 50m	MT	90.02
021111	Additional lead for every subsequent 50m or part thereof, over 50m and upto 500m over item no. 021110	MT	22.82
021120	Leading cement in bags, coal-tar, asphalt, paint, by truck, trailer, etc. for lead upto 10 km. Note : Lead under this item is payable when the same exceeds 500	MT/Km	106.29
021121	Additional lead for every subsequent km or part thereof, over 10 km and upto 100 km.	MT/Km	8.92
021122	Additional lead for every subsequent km or part thereof, over 100 km and upto 400 km.	MT/Km	5.67
021123	Additional lead for every subsequent km or part thereof, over 400 km and upto 1000 km.	MT/Km	5.31
021130	Loading/Unloading G.I. sheets, rails, joists, built up sections, angles, C.I., Ductile pipes, A.C Pipes, or G.I. pipes RCC/PCC beams / slabs and other miscellaneous ironwork or wood work including lead upto 50m and stacking properly into/from trucks, trailers or wagons.		
021131	Individual length upto 3.5 M	MT	105.84
021132	Individual length more than 3.5 M	MT	115.77
021140	Leading miscellaneous materials such as iron work, rails, fitting & fastenings, pipes, wooden logs, stones over pitching stone size, RCC/PCC beams / slabs etc. and all similar articles (each individual article or bundle being not more than 3.5 metres long in the longest direction) including picking up unloading and stacking, lead upto 50m.	MT	102.95
021141	Additional lead for every subsequent 50m or part thereof, over 50m and upto 500m over item no. 021140.	MT	28.46
021150	Leading miscellaneous materials such as iron work, rails, fittings & fastenings, pipes, wooden logs, stones over pitching stone size, RCC/PCC beams / slabs etc and all similar articles (each individual article or bundle being not more than 3.5 metres long in the longest direction) including all loading, unloading and stacking, lead over 500m and upto 10 km. Note : Lead under this item is payable when the same exceeds 500m.	MT	160.31
021151	Additional lead for every subsequent km or part thereof, over 10 km and upto 100 km over item no. 021150.	MT/Km	7.25
021152	Additional lead for every subsequent km or part thereof, over 100 km and upto 400 km over item no. 021150 & 021151	MT/Km	6.62

Item No.	Description Of Item	Unit	Rate (Rs.)
021153	Additional lead for every subsequent km or part thereof, over 400 km and upto 1000 km over item nos. 021150, 021151 & 021152	MT/Km	5.58
021160	Leading miscellaneous materials such as iron work, rail, pipes, wooden logs, stones over pitching stone size, RCC/PCC beams / slabs etc and all similar articles (each individual article or bundle being more than 3.5 metres long in the longest direction) including picking up and stacking, lead upto 50m.	MT	104.60
021161	Additional lead for every subsequent 50m or part thereof, over 50m and upto 500m over item no. 021160	MT	32.11
021170	Leading miscellaneous materials such as iron work, rails, pipes, wooden logs, stones over pitching stone size, RCC/PCC beams / slabs etc. and all similar articles (each individual article or bundle being more than 3.5 metres long in the longest direction) by truck, trailer, etc including all loading, unloading and stacking, lead over 500m and upto 10 km. Note : Lead under this item is payable when the same exceeds 500m.	MT	171.47
021171	Additional lead for every subsequent km or part thereof, over 10 km and upto 100 km over item no. 021170	MT/Km	8.40
021172	Additional lead for every subsequent km or part thereof, over 100 km and upto 400 km over item nos. 021170 & 021171	MT/Km	6.31
021173	Additional lead for every subsequent km or part thereof, over 400 km and upto 1000 km over item nos. 021170, 021171 & 021172	MT/Km	5.69
021180	Loading/Unloading wooden sleepers (BG/MG/NG) of all varieties, new and serviceable, including lead upto 50m and stacking properly into/from trucks, trailers or wagons	MT	31.95
021190	Leading (BG/MG/NG) wooden sleepers including picking up and stacking, lead upto 50m.	MT	101.63
021191	Additional lead to for every subsequent 50m or part thereof, over 50m and upto 500m over item no. 021190	MT	21.88
021200	Leading (BG/MG/NG) wooden sleepers/ wooden scrap by truck trailer, etc. including loading, unloading and stacking for lead upto 10 km. Note : Lead under this item is payable when the same exceeds 500 M.	MT	106.26
021201	Additional lead for every subsequent km or part thereof, over 10 km and upto 100 km over item no. 021200	MT/Km	7.38
021202	Additional lead for every subsequent km or part thereof, over 100 km and upto 400 km over item no. 021200 & 021201	MT/Km	6.39
021203	Additional lead for every subsequent km or part thereof, over 400 km and upto 1000 km over item no. 021200, 021201 & 021202	MT/Km	5.33
021210	Loading/Unloading wooden sleepers scrap (BG/MG/NG) into/from tracks, trailers or wagons including lead upto 50m.	MT	42.32

Item No.	Description Of Item	Unit	Rate (Rs.)
021220	Loading/Unloading ballies of all varieties including lead upto 50m and stacking into/from wagons, trailers or trucks:		
021221	Upto 7m long.	100 no.	183.53
021222	Over 7 m & Upto 10m long.	100 no.	224.95
021230	Leading ballies upto 7m long, including loading, unloading and stacking, lead upto 50m.	100 no.	401.97
021231	Additional lead for every subsequent 50m or part thereof, over 50m and upto 500m over item no. 021230.	100 no.	94.12
021240	Leading ballies over 7 M & upto 10m long, including loading, unloading and stacking, lead upto 50m.	100 no.	600.59
021241	Additional lead for every subsequent 50m or part thereof, over 50m and upto 500m over item no. 021240.	100 no.	104.05
021250	Leading ballies over 7m & upto 10m long, by truck, trailer, including loading, unloading and stacking, for lead upto 10 km. Note : Lead under this item is payable when the same exceeds 500 M.	100 no.	516.13
021260	Loading/Unloading hume pipes with or without collars of all types including lead upto 50m and stacking into/from wagons, trailers or trucks.	MT	422.48
021270	Leading hume pipes with or without collars, by truck, trailer, etc. including loading, unloading and stacking, for lead upto 10 km. Note : (i) Lead under this item is payable when the same exceeds 500 M.	MT	125.88
021280	Loading/Unloading into wagons, trailers or trucks light articles such as wooden or steel almirahs, tables, chairs, machinery and other miscellaneous articles, each weighing less then 1/2 quintal, including lead upto 50m and stacking.	Each	15.28
021290	Leading light articles such as wooden or steel almirahs, tables, chairs and other miscellaneous articles, machinery etc. each weighing less than 1/2 quintal, including loading unloading and stacking, lead upto 10 km. Lead under this item is payable when the same exceeds 500 M.	Each	23.74
021291	Additional lead for every subsequent km or part thereof, over 10 km and upto 100 km over item no. 021290.	Each	2.14
021292	Additional lead for every subsequent km or part thereof, over 100 km and upto 400 km over item no 021290 &.021291.	Each	1.73
021293	Additional lead for every subsequent km or part thereof, over 400 km and upto 1000 km over item no 021290, 021291& 021292.	Each	1.52
021300	Loading/Unloading into/from wagons, trailers or trucks heavy articles such as wooden or steel almirahs, tables, machinery and other miscellaneous articles, each weighing over 1/2 quintal and upto 2 Quintal, including lead upto 50m and stacking.	Each	21.12

Item No.	Description Of Item	Unit	Rate (Rs.)
021310	Leading heavy articles such as wooden or steel almirahs, tables, machinery, etc. and other miscellaneous articles, each weighing less than 1/2 quintal and upto 2 quintals, including loading, unloading and stacking, lead upto 10 km. Lead under this item is payable when the same exceeds 500 M.	Each	73.39
021311	Additional lead for every subsequent km or part thereof, over 10 km and upto 100 km over item no 021310.	Each/ Km	5.87
021312	Additional lead for every subsequent km or part thereof, over 100 km and upto 400 km over item no. 021310 & 021311	Each/ Km	4.23
021313	Additional lead for every subsequent km or part thereof, over 400 km and upto 1000 km over item no. 021310, 021311& 021312	Each/ Km	3.61
021320	Loading/Unloading into/from wagons, trailers or trucks heavy machinery each weighing over 2 quintals and upto 5 quintals each, including lead upto 50m and stacking	Each	42.71
021330	Leading heavy machinery (individual piece weighing over 2 quintals and upto 5 quintals), for lead upto 10 km. Note : Lead under this item is payable when the same exceeds 500 M.	Each	125.88
021331	Additional lead for every subsequent km or part thereof, over 10 km and upto 100 km over item no. 021330	Each/ Km	11.70
021332	Additional lead for every subsequent km or part thereof, over 100 km and upto 400 km over item no. 021330 & 021331	Each/ Km	8.44
021333	Additional lead for every subsequent km or part thereof, over 400 km and upto 1000 km over item no. 021330, 021331& 021332	Each/ Km	7.39
021340	Loading / unloading of Four wheeler wagon. (A bogie wagon will be taken as equivalent to two four wheeled wagons)	Each	813.05
021341	Extra, if the loading/unloading in four wheeler wagon has to be done in a block section, i.e. on the running line outside station section. (A bogie wagon will be taken as equivalent to two four wheeled wagons) In Day time (From 6.00 AM to 18.00 PM)	Each	284.57
021342	Extra if the loading/unloading in four wheeler wagon has to be done in a block section, i.e. on the running line outside station section. (A bogie wagon will be taken as equivalent to two four wheeled wagons.) In night time (From 18.00 PM to 6.00 PM)	Each	406.53
021350	Stacking / Restacking wooden sleepers of all varieties and sizes including lead upto 50m.		
021351	BG Sleepers	100 no.	422.48
021352	MG Sleepers	100 no.	323.17
021353	NG Sleepers	100 no.	262.42
021360	Stacking ballast, kankar, brickbats, stone chips, shingle, stone boulders, block kankar, pitching stones, rubble stones, surkhi, laterite, dry mortar, sand, moorum, ashes, lime etc. if not covered in the original item.	Cum	12.27

Item No.	Description Of Item	Unit	Rate (Rs.)
021370	Extra over initial lead of 50 M for crossing each running track for the items covered in this chapter.	Each	0.10
021380	Leading of flower pots of sizes each weighing upto 10kg. i.e. flower pots with plants including picking up and stacking, lead upto 50m.	100 no.	113.44
021381	Additional lead for every subsequent 50m or part thereof, over 50m and upto 500m over item no. 021380.	100 no.	30.22
021390	Leading of flower pots of sizes each weighing upto 10kg, i.e. flower pots with plants including loading, unloading and stacking, lead over 500 M and upto 10 km.	100 no.	421.67
021400	Leading of flower pots of sizes each weighing over 10kg. i.e. flower pots with plants including picking up and stacking, lead upto 50m.	100 no.	202.88
021401	Additional lead for every subsequent 50m or part thereof, over 50m and upto 500m over item no. 021400.	100 no.	36.76
021410	Leading of flower pots of sizes each weighing over 10kg. i.e. flower pots with plants including loading, unloading and stacking, lead over 500 M and upto 10 km.	100 no.	134.75
021420	Sorting of steel materials of any type, size- wise into/from the store yard, measuring and stacking the same / including weighing, if required within the lead of 100 metres, as directed	MT	439.71
021430	Hiring and operating Multi-Utility vehicle of loading capacity one MT with sitting capacity of 4/6 persons, 4 strokes, 4 cylinders engine, factory-built metal body, cargo box type or passenger cabin type or both (with 24 hours availability), including cost of fuel, lubricants, major/minor repairs, salary of driver, toll tax, all other tax complete, operation and maintenance including running upto 1200 km in a month. The vehicle shall run on pucca, kutcha road and along the track. The contractor shall arrange road permit for vehicles for all the States of operation, as per instructions of engineer in-charge and vehicle shall not be more than three years old.	Each per month	25878.22
021440	Extra over item no. 021430 for every additional km or part thereof over 1200 km in a month.	Km	21.52
021450	Hiring of Truck of loading capacity 9.0 MT and running upto 2500 km per month (with 24 hours availability) for leading of Engineering Machines, Materials & Men, as desired by Engineer-in-charge. It includes cost of driver, helper, fuel, e.g. diesel, mobil oil, brake oil etc. alongwith related repairs works and all type of taxes as admissible by State or Central Governments, octroi, toll tax, barrier tax etc. Vehicle shall run on pucca, kutcha road including along the track. The contractor shall arrange road permit for vehicle for all the States of operation, as per instructions of engineer in-charge and vehicle shall not be more than three years old.	Each per month	71285.13
021460	Extra over item no. 021450 for every additional km or part thereof over 2500 km in a month.	Km	28.47

Item No.	Description Of Item	Unit	Rate (Rs.)
021470	Hiring of Truck of loading capacity 4.5 MT and running upto 2000 km per month (with 24 hours availability) for leading of Engineering Machines, Materials & Men, as desired by Engineer-in-charge. It includes cost of driver, helper, fuel, e.g. diesel, mobil oil, brake oil etc. alongwith related repairs works and all type of taxes as admissible by State or Central Governments, octroi, toll tax, barrier tax etc. Vehicle shall run on pucca, kutcha road including along the track. The contractor shall arrange road permit for vehicle for all the States of operation, as per instructions of engineer in-charge and vehicle shall not be more than three years old.	Each per month	51367.34
021480	Extra over item no. 021470 for every additional km or part thereof over 2000 km in a month.	Km	25.98
021490	Hiring of Truck of loading capacity 1 MT and running upto 1500 km per month (with 24 hours availability) for leading of Engineering Machines, Materials & Men, as desired by Engineer-in-charge. It includes cost of driver, helper, fuel, e.g. diesel, mobil oil, brake oil etc. alongwith related repairs works and all type of taxes as admissible by State or Central Governments, octroi, toll tax, barrier tax etc. Vehicle shall run on pucca, kutcha road including along the track. The contractor shall arrange road permit for vehicle for all the States of operation, as per instructions of engineer in-charge and vehicle shall not be more than three years old.	Each per month	32684.61
021500	Extra over item no. 021490 for every additional km or part thereof over 1500 km in a month.	Km	21.75
021510	Hiring of JCB Machine (in good working condition) for leveling and dressing ground / dismantling structures including disposal of debris through dumpers etc. with contractor's labour, JCB machine, machine operator, fuel, etc. The contractor shall arrange road permit for vehicle for all the States of operation, as per instructions of engineer in-charge and vehicle shall not be more than three years old. Payment shall be made for actual working hours at site.	Hour	908.22
021520	Hiring of Truck with covered body of 2 MT capacity for one shift of 8 hours running upto 80 km including driver, cleaner together with fuel and other consumable stores etc. for transport of different engineering materials.	Day	1568.99
021530	Extra over item no. 021520 for every additional km or part there of over 80 km in a day.	Km	21.16
021540	Hiring of Bulldozer with 12 feet wide blade including necessary fuel, oil and operator etc. complete as directed by engineer in-charge. The contractor shall be responsible for arranging all types of permits required for movement of the bulldozer. Payment shall be made for actual working hours at site.	Hour	734.00

Item No.	Description Of Item	Unit	Rate (Rs.)
021550	Hiring of Road Crane of 25 MT capacity including necessary fuel, oil and operator etc. complete as directed by engineer in-charge. The contractor shall be responsible for arranging all types of permits required for movement of the Crane. Payment shall be made for actual working hours at site.	Hour	1344.65
New Items To Be Added By Zonal Railways			
022010			
022020			
022030			
022040			
022050			
022060			
022070			
022080			
022090			
022100			