

Name of Work: Execution of miscellaneous works such as Earth work, Boulder pitching, Road work, Carriage & supply of material in connection with Munger Ganga Rail cum Road Bridge project across river Ganga at Munger.

Sl. No.	ECR USSOR'12	Description of Work	Unit	Qty	Rate	Amt
SCHEDULE- B-1						
	011010	Earth work in excavation as per approved drawings and dumping at embankment site or spoil heap, within railway land, including 50m lead and 1.5m lift, the lead to be measured from the centre of gravity of excavation to centre of gravity of spoil heap; the lift to be measured from natural ground level and paid for in layers of 1.5m each including incidental work, as per specifications				
1	011011	All kinds of soils	Cum	5,000.00	₹ 93.54	₹ 4,67,700.00
2	013120	Earthwork in filling in embankment, guide bunds, around buried type abutments, bridge gaps, trolley refuges, rain bunds, if provided, platforms etc. with earth excavated from outside railway boundary entirely arranged by the contractor at his own cost as per RDSO's latest guidelines and specifications and special condition of contract including all leads, royalty, lifts, ascents, descents, crossing of nallahs or any other obstructions. The rates shall include all dressing of bank to final profile, demarcation and setting out of profile, site clearance, removing of shrubs, roots of vegetations growth, heavy grass, benching of existing slope of old bank, all handling/re-handling, taxes, octroi and royalty etc. as a complete job. Cut trees shall be property of railways and to be deposited in the railway godown unless specified otherwise in the Special Conditions of Contract. (Corrigendum-1) dated 19.12.12	Cum	45,000.00	₹ 139.23	₹ 62,65,350.00
3	013130	Extra for mechanical compaction of earth/blanketing material filled in embankment with contractor's rollers of suitable capacity, type and size to achieve specified density as per specification, testing as per IS codes including cost of water, T&P, consumable material and all labour as a complete job. The work is to be executed as per Latest edition of "Guidelines for Earthwork in Railway Projects" issued by RDSO, Lucknow.	Cum	50,000.00	₹ 14.80	₹ 7,40,000.00
Total Of Schedule - B-1						₹ 74,73,050.00
Add: Escl. On USSOR'12 @ 20.62%						₹ 15,40,942.91
Total Assessed Cost						₹ 90,13,992.91

Sl. No.	ECR USSOR'12	Description of Work	Unit	Qty	Rate	Amt
<p>Note:- [1] Only one percentage is to be quoted. [2] The item description as given is only brief and work is to be executed as per the detailed description and specification available in ECR USSOR 2012 and Indian railways Unified standard specification for works and materials. [3] In case of any discrepancy in item details/ rates/ unit and item reference of ECR USSOR 2012 as mentioned in this schedule, the corresponding provision of the ECR USSOR 2012 shall prevail and the decision of the Railway in this regard shall be final and binding.</p>						
SCHEDULE- B-6						
1	221020	Laying of boulder apron laid in wire crates of approved size including verlaps at joints laid with stone boulders, all loose ends to be tied with 4mm galvanised steel wire. Payment for boulders & wire crates to be done extra	Cum	10,000.00	₹ 285.34	₹ 28,53,400.00
2	221070	Providing and laying Filter Material as per RDSO Specifications underneath pitching in slopes complete as per drawing and Technical specification	Cum	500.00	₹ 2,626.05	₹ 13,13,025.00
3	221100	Laying pitching with stone boulders supplied by the railways with the voids filled with spalls on slopes laid over prepared filter media including boulder apron laid dry in front of toe of embankment as per drawings and technical specifications. Max lead upto 150m (filter media to be paid under the relevant item)	Cum	1,000.00	₹ 139.12	₹ 1,39,120.00
Total Of Schedule - B-6						₹ 43,05,545.00
Add: Escl. On USSOR'12 @ 24.01%						₹ 10,33,761.35
Total Assessed Cost						₹ 53,39,306.35
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SCHEDULE- B-8						
	231040	Providing and laying water bound macadam with specified stone aggregate, stone screening and binding material including screening, sorting, spreading to template and consolidation with power road roller of 8 to 10 tonne capacity etc. complete				

Sl. No.	ECR USSOR'12	Description of Work	Unit	Qty	Rate	Amt
1	231042	Base course with 63mm to 45mm size including stone screening 13.2mm size	Cum	1,000.00	₹ 1,691.15	₹ 16,91,150.00
	233010	Providing and applying tack coat using bitumen emulsion (Rapid setting) complying with IS:8887-1995, spraying the bitumen emulsion with mechanically operated spray unit, cleaning and preparing the existing road surface as per specification				
2	233011	On W.B.M. @ 0.4kg/sqm	Sqm	37,800.00	₹ 22.20	₹ 8,39,160.00
3	235010	Providing and laying seal coat of premixed fine aggregate (passing 2.36mm and retained on 180 micron sieve) with bitumen using 128 kg of bitumen of grade 80/100 bitumen and 0.60cum of fine aggregate per 100sqm of road surface including rolling and finishing with road roller all complete. Note - This should not be operated along with Hot mix carpeting	Sqm	37,800.00	₹ 48.09	₹ 18,17,802.00
	238020	Providing and laying Dense Bituminous concrete on prepared surface with specified graded stone aggregate for wearing course, mixing of bitumen, filler & stone aggregate in hot mix plant, transporting the mixed material and laying with mechanical paver finisher fitted with electronic sensing device to the required level and grade and rolling with road rollers, as per specification to achieve the desired density and compaction, but excluding cost of primer / tack coat				
4	238021	40mm/50mm compacted thickness with bitumen of grade 60/70 @ 6.5% and lime @ 3% by weight of total mix	Cum	1,520.00	₹ 9,261.19	₹ 1,40,77,008.80
					Total Of Schedule - B-8	₹ 1,84,25,120.80
					Add: Escl. On USSOR'12 @ 22.72%	₹ 41,86,187.45
					Total Assessed Cost	₹ 2,26,11,308.25
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SCHEDULE- B-9						

Sl. No.	ECR USSOR'12	Description of Work	Unit	Qty	Rate	Amt
1	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	5,000.00	₹ 38.66	₹ 1,93,300.00
2	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	5,000.00	₹ 90.95	₹ 4,54,750.00
3	021081	Additional lead for every subsequent 50m or part thereof, over 50m and upto 500m over item no. 021080	Cum	20,000.00	₹ 22.66	₹ 4,53,200.00
4	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 iron work or wood work including lead upto 50m and stacking properly into/from trucks, trailers or wagons				
5	021131	Individual length upto 3.5m	MT	60.00	₹ 118.83	₹ 7,129.80
6	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 3.5m 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	33,100.00	₹ 160.31	₹ 53,06,261.00
7	021151	Additional lead for every subsequent km or part thereof, over 10 km and upto 100 km over item no. 021150	MT/ KM	29,70,000.00	₹ 7.25	₹ 2,15,32,500.00
8	021152	Additional lead for every subsequent km or part thereof over 100 km and upto 400 km over item nos. 021150 & 021151	MT/ KM	19,80,000.00	₹ 6.62	₹ 1,31,07,600.00
9	251170	Galvanised steel plain sheets of any thickness.	quintal	90.00	₹ 5,405.00	₹ 4,86,450.00
10	252390	Supply of stone boulder weighing minimum 35 Kg. (6000 cum in South end and 16000 cum in north end).	Cum	22,000.00	₹ 596.94	₹ 1,31,32,680.00
11	259281	Magnesium poly phosphate based concrete fast repair epoxy.	Kg	350.00	₹ 967.73	₹ 3,38,705.50
					Total Of Schedule - B-8	₹ 5,50,12,576.30
					Add: Escl. On USSOR'12 @ 11.06%	₹ 60,84,390.94
					Total Assessed Cost	₹ 6,10,96,967.24

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SCHEDULE- B-12						
1	USSOR-2012	Overall percentage above/below/at-par over the rates USSOR 2012 for items chapter not included in any of the existing schedule of the tender	LS	1.00	₹ 80,00,000.00	₹ 80,00,000.00
Total Of Schedule - B-12						₹ 80,00,000.00
Add: Escl. On USSOR'12 @ 13.93%						₹ 11,14,400.00
Total Assessed Cost						₹ 91,14,400.00
<p>Note:-</p> <p>[1] Any item of chapter of ECR USSOR, 2012 not included in any of the existing schedule 'B', mentioned above, can be executed under this Schedule.</p> <p>[2] Only one percentage is to be quoted on summary sheet.</p> <p>[3] Under this schedule work will be executed only after work order is issued with the approval of competent authority [concerned Dy.CE/Con/GB/Dighaghat].</p> <p>[4] The item description as given is only brief and work is to be executed as per the detailed description and specification available in ECR USSOR 2012 and Indian railways Unified standard specification for works and materials.</p> <p>[5] In case of any discrepancy in item details/ rates/ unit and item reference of ECR USSOR 2012 as mentioned in this schedule, the corresponding provision of the ECR USSOR 2012 shall prevail and the decision of the Railway in this regard shall be final and binding.</p>						
						₹ 10,71,75,975.00