

Work: Vacuum Dewatered (VDC) Flooring of the existing goods platform/wharf on the common platform for line no 7 (Approx Length = 716 mtr) and Line No. 8 (Approx Length=716mtr) and width is approx 23 mtr (Approx total area of the wharf is 716*23=16468 Sq.Mtr.) along with

No.	Sor No.	Description of Item	Unit	Rate.	Qty.	Total
	011011	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 All kinds of soils	Cum	81.36	300	24408.00
	012010	Extra over item 011010 for excavation in foundations for buildings and bridges to cover dressing to neat dimension and plumbing sides etc. Note: Dressing under this item is payable for the total quantity of excavation in foundation and not partly	Cum	8.70	300	2610.00
	013130	Extra for mechanical compaction	Cum	11.43	2600	29718.00
	013140	Removal of excavated/slip earth/ debris/ maba from the site of works to any other place outside Railway land/premises, including all excavations, handling, re-handling, loading, unloading and leading, etc. all labour and material as a complete job. Remov	Cum	95.82	300	28746.00
	013150	Laying & spreading blanketting materials	Cum	55.71	2600	144846.00
	014010	Dressing Surface (average excavation or filling upto 15 cm) including removing vegetation in all kind of soil. Payment against this item is to be made only if it is not included in earth work item	Per 10 sqm	54.90	15000	82350.00
	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	Cum	213.67	1500	320505.00
	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	hour	612.40	80	48992.00
	031012	1:3:6 (1 cement : 3 sand : 6 graded stone aggregate 40mm nominal size)	Cum	1882.49	1200	2258988.00
	031024	1:1.5:3 (1cement : 1.5 sand : 3 graded stone aggregate 20mm nominal size)	Cum	2137.59	10	21375.90
	031051	P&L M-25 cement concrete	Cum	2082.64	1125	2342970.00
	033061	OPC 43 grade	Tonne	5474.00	1334	7302316.00
	041011	All work upto plinth level, including raft foundation of washable aprons, HS tank, pile cap, footings of FOB, and Platform shelter etc.	Cum	2422.38	10	24223.80
	042011	Foundations, footings, bases of columns, raft foundation of washable aprons, Pile caps, Footings of FOB etc.	sqm	120.60	200	24120.00
	042040	Supplying and applying shuttering oil for mould releasing, having (Flash point 54 degree C and specific gravity 0.88±0.02) for concrete formwork to be applied either by brush or with spray machine to the entire satisfaction of Engineer Incharge	sqm	6.55	200	1310.00
	047030	Providing and fixing in position bitumen mix filler of proportion 80kg of hot bitumen, 1kg of cement and 0.25cum of coarse sand for expansion joints	per cm depth/cm width/ 100m length	214.39	450	96475.50
	043015	In slabs for drain covers, manhole covers, flue tops etc.	Cum	2870.14	5	14350.70
	047040	Providing and fixing in position 12mm thick bitumen impregnated fibre board conforming to IS: 1838 including cost of primer, sealing compound in expansion joints	per cm depth/ 100m length	670.56	60	40233.60
	045014	High yield strength deformed bars	kg	47.58	23000	1094340.00
	051017	Brick work Cement mortar 1:4 (1 cement : 4 coarse sand)	Cum	2218.87	60	133132.20
	051040	Extra over item 051010 & 051020 for brick work in superstructure beyond plinth level upto floor two level :	Cum	133.42	20	2668.40
	051412	In gratings, frames, guard bar, ladders, railings, brackets, gates and similar works	kg	75.57	500	37785.00
	092012	40mm thick with 20mm nominal size stone aggregate	sqm	120.99	100	12099.00

Signature N
Verified

Digitally signed
ANJU SINGH

Date: 2022.02.14
14:08:23 +05'30'

Reason: IREPS CRIS
Location: New Delhi

S.No.	Sor No.	Description of Item	Unit	Rate.	Qty.	Total
24	092063	Providing and laying plain cement concrete flooring of specified thickness with mix design concrete over firm, well prepared and well compacted bed including provision of designed expansion joint & finishing manually or mechanical trowelling & vacuum M-30	Cum	2601.25	1500	3901875.00
25	092050	Laying 35 mm thick hardened topping on concrete surface... (2.33x15 mm=35 mm)	sqm	309.86	34950	10829607.00
26	091032	Flat brick	sqm	182.00	1000	182000.00
27	091041	Deduct From flat brick flooring	sqm	-116.27	1000	-116270.00
28	108162	110mm dia.	Mtr	182.18	30	5465.40
29	111041	1:4 (1cement: 4coarse sand)	sqm	61.86	300	18558.00
30	121051	Two or more coats on new work	sqm	40.81	200	8162.00
31	142014	300mm dia. R.C.C. pipe	metre	721.21	90	64908.90
32	181021	1:2:4 or richer mix with max. 20 mm coarse aggregate	Cum	413.41	10	4134.10
33	182013	In cement mortar	Cum	348.90	10	3489.00
34	182023	From brick work in cement mortar	1000 Nos	1119.66	10000	11196.60
35	183040	Dismantling Paver block/ stone sett flooring laid in dry mortar/ cement mortar / bitumen, including stacking material within 50m lead	sqm	36.38	1000	36380.00
36	183062	Bituminous top layer of road	sqm	74.09	150	11113.50
37	231041	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. Base course with 90 mm to 45 mm size including stone screening 13.2mm size	Cum	1657.15	1500	2485725.00
38	231010	Preparation of sub grade	sqm	36.75	15000	551250.00
39	252020	Supply of moorum	Cum	1035.00	2600	2691000.00
Total SOR						34777157.60
1	NS-1	Making Cutting arrangement for expansion joint with diamond cutter of approved manufacturer with skilled workmanship to provide sharp edge cut complete job. Nothing extra will be paid whatsoever the case may be	Mtr	117.45	7000	822150.00
Total NS						822150
Grand Total						35599307.60
		above USSOR/10 ON Item (CH.- 1)	633183.00	28.75	%	182040.11
		above USSOR/10 ON Item (CH.- 2)	48992.00	27.26	%	13355.22
		above USSOR/10 ON Item (CH.- 3)	4623334	50.83	%	2350040.62
		above USSOR/10 ON Item (CH.- 3)	7302316	47.03	%	3434279.21
		above USSOR/10 ON Item (CH.-4)	200714	47.21	%	94756.89
		above USSOR/10 ON Item (CH.-4)	1094340	39.14	%	428324.68
		above USSOR/10 ON Item (CH.-5)	135801	67.1	%	91122.20
		above USSOR/10 ON Item (CH.- 8)	37785.00	33.19	%	12540.84
		above USSOR/10 ON Item (CH.-9)	14809311.00	36.23	%	5365413.38
		above USSOR/10 ON Item (CH.-10)	5465.40	31.08	%	1698.65
		above USSOR/10 ON Item (CH.- 11)	18558.00	34.61	%	6422.92
		above USSOR/10 ON Item (CH.- 12)	8162.00	34.17	%	2788.96
		above USSOR/10 ON Item (CH.- 14)	64908.90	24.24	%	15733.92
		above USSOR/10 ON Item (CH.- 18)	66313	33.13	%	21969.56
		above/below USSOR/10 ON Item (CH.- 23)	3038976	23.83	%	723711.14
		above/below USSOR/10 ON Item (CH.- 25)	2691000	9.61	%	258605.10
Total						48602111

Chetani
SSE/W/BE

Sanjay
SSE/Drg./MB

सहायक मंडल अभियंता
Asstt. DADEN/SE Engineer
उत्तर रेलवे-वरेली
N. Railway Bareilly