

Abstract of cost

Name of work: DNIT for patch work in rainy season for whole Division-
VII under MCG.

Sr. No.	ITEM	Amount
1	Sub Head-I (HSR Item)	872766.18
2	Sub Head-II (NS Item)	1577492.37
	Total	2450258.55

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27/7/2024

DNIT

Name of work: DNIT for patch work in rainy season for whole Division-VII under MCG

SUB HEAD NO.-I (HSR ITEM)

Sr. No.	Item Code	Item Description	Unit	Calculated on Rate	Quantity	Calculated Rate
1	10.n.18	10.159-Providing & laying 80 mm thick ISI marked interlocking paver Blocks (conforming to IS 1568 2006) IRC SP 63-2004 of all shapes & colours in design mix cement M-40 over a bed of 30mm thick fine sand complete in all respect	Sqm.	Through Rate	1100	567.00
2	10.d.16	10.41-cement concrete 1: 2 : 4 with stone aggregate 20 mm nominal size in foundation and plinth.	cum	Through Rate	39.6	3,385.80
3	10.k.2	10.117.-Laying dry brick ballast (40 mm gauge)	cum	Through Rate	172.5	666.60

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Detail of DNIT

Name of work: DNIT for patch work in rainy season for whole Division-VII under MCG

SUB HEAD NO.-I (HSR ITEM)

Sr. No.	Item Code	Unit	Calculated on Rate	Quantity	Calculated Rate	Total Amount
1	10.n.18	Sqm.	Through Rate	1100	567.00	623,700.00
2	10.d.16	cum	Through Rate	39.6	3,385.80	134,077.68
3	10.k.2	cum	Through Rate	172.5	666.60	114,988.50
Total :						872,766.18

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Name of work: DNTT for patch work in rainy season for whole Division-VII under MCG

SUB HEAD NO.-I (HSR ITEM)

No.	Item Code	Item Description	Unit	Calculated on Rate	Quantity	Calculated Rate	Total Amount
1	NSITEM	-Providing, laying, compacting of BMM(Bitumen macadam) with grading 2 as per table no. 500.10 and minimum 3.3% bitumen of 60/70 grade as per MoRTH specification complete in all respect	Cum	NSADRate	55.02	6,100.00	335,622.00
2	NSITEM	-Providing and laying 40 mm thick compacted Bituminous concrete (BC) in one layer with 100-120 TPH batch / drum type hot mix plant and with a hydrostatic paver finisher with sensor control to the required grade , level and alignment, rolling with smooth wheeled , vibratory and tandem rollers to achieve the desired compaction as per clause no.507 MoRTH specification (5th Revision)2013for road and bridge works (5th revision) using minimum 5.4 % (upto 30 mm thick) to bitumen grade VG-30 as binder content by weight of total mix, complete in all respect including cost bitumen instruction issued from time to time by MoRTH regarding machinery ∓ bitumen will be followed strictly . The use of self propelled mechanical paver fitted with electronic sensor device conforming to MoRTH specification in mandatory.	Cum	NSADRate	44.16	7,692.00	339,678.72
3	NSITEM	-Providing and laying of readymade cold bituminous patching mix in 25 kg. Plastic lined sturdy bags for repair of potholes in adverse climatic conditions including the bituminous mix with a minimum pf 5.6% NC-cutback bitumen (containing a suitable anti-s tripping agent) by weight of mix and in strict conform complete in respect as per of engg.-in-charge (408/-)	Each	NSADRate	1400	408.00	571,200.00
4	NSITEM	-Providing tack coat on existing Black Surface with 50Kg Bitumen 100 Sqm with Vg-10	Square Meter	NSADRate	1094.1	19.00	20,787.90
5	NSITEM	-Providing and laying granular sub base (GSB) Grading-III SDS	Cum	NSADRate	100.5	883.50	88,791.75
6	NSITEM	-Providing and fixing of WBM as per specification	Cum	NSADRate	81	1,252.00	101,412.00
7	NSITEM	-Hiring of labour for misc. works	Each	NSADRate	240	500.00	120,000.00
Total :						1,577,492.37	

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DNIT

Name of work: DNIT for patch work in rainy season for whole Division-VII under MCG

SUB HEAD NO.-I (HSR ITEM)

Sr. No.	Item Code	Item Description	Unit	Calculated on Rate	Quantity	Rate to be quoted by agency
1	NSITEM	-Providing, laying,compacting of BM(Bitumen macadam) with grading 2 as per table no. 500, 10 and minimum 3.3% bitumen of 60/70 grade as per MORTH specification complete in all respect 5	Cum	NSADRate	55.02	
2	NSITEM	-Providing and laying 40 mm thick compacted Bituminous concrete (BC) in one layer with 100-120 TPH batch / drum type hot mix plant and with a hydrostatic paver finisher with sensor control to the required grade , level and alignment ,rolling with smooth wheeled , vibratory and landan rollers to achieve the desired compaction as per clause no 507 MORTH specification (5th Revision)2013for road and bridge works (5th revision) using minimum 5.4 % (upto 30 mm thick) to bitumen grade VG-30 as binder content by weight of total mix, complete in all respect including cost bitumen instruction issued from time to time by MORTH regarding machinery & bitumen will be followed strictly . The use of self propelled mechanical paver fitted with electronic sensor device conforming to MORTH specification in mandatory.	Cum	NSADRate	44.16	
3	NSITEM	-Providing and laying of readymade cold bituminous patching mix in 25 kg. Plastic lined sturdy bags for repair of potholes in adverse climatic conditions including the bituminous mix with a minimum pf 5.6% NC-cutback bitumen (containing a suitable anti tripping agent) by weight of mix and in strict conform complete in respect as per of engg.-in-charge (408/-)	Each	NSADRate	1400	
4	NSITEM	-Providing tack coat on existing Black Surface with 50Kg Bitumen 100 Sqn with Vg-10	Square Meter	NSADRate	1094.1	
5	NSITEM	-Providing and laying granular sub base (GSB) Grading-III SDS	Cum	NSADRate	100.5	
6	NSITEM	-Providing and fixing of WBM as per specification	Cum	NSADRate	81	
7	NSITEM	-Hiring of labour for misc. works	Each	NSADRate	240	

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