

Project Estimate

Estimation Number: ES-0000487360	Work: WARD NO. 35, SEVA NAGAR & DIFFERENT STREET
ULB: 0130 (Bhind Nagar Palka)	Demand ID: DM-0000484744
Department: Public Works	PAC: 8728274.62

ACTIVITY / BDR / NDM / SDR and WBS Details

WBS NO	SDR ITEM	Description	Qty	Row	Len	Bread	Depth	Vol	Area	Wgt	Qty	Unit	Price/Unit	Amount Before GST	GST %	Total Amount	Remarks
1	VII-2021-2.6.1	All kinds of soil		8.0	101.0	0.5	0.5	25.25			202.0	M3	151.0	30,502.00	18.0	35,992.36	
1	VII-2021-2.6.1			8.0	48.0	0.5	0.5	12.0			96.0	M3	151.0	14,496.00	18.0	17,105.28	
1	VII-2021-2.6.1			2.0	64.0	0.5	0.5	16.0			32.0	M3	151.0	4,832.00	18.0	5,701.76	
1	VII-2021-2.6.1			8.0	60.0	0.5	0.5	15.0			120.0	M3	151.0	18,120.00	18.0	21,381.60	
1	VII-2021-2.6.1			4.0	30.0	0.5	0.5	7.5			30.0	M3	151.0	4,530.00	18.0	5,345.40	
1	VII-2021-2.6.1			2.0	36.0	0.5	0.5	9.0			18.0	M3	151.0	2,718.00	18.0	3,207.24	
1	VII-2021-2.6.1			2.0	102.0	0.5	0.5	25.5			51.0	M3	151.0	7,701.00	18.0	9,087.18	
1	VII-2021-2.6.1			2.0	20.0	0.5	0.5	5.0			10.0	M3	151.0	1,510.00	18.0	1,781.80	
1	VII-2021-2.6.1			4.0	35.0	0.5	0.5	8.75			35.0	M3	151.0	5,285.00	18.0	6,236.30	
1	VII-2021-2.6.1			2.0	38.0	0.5	0.5	9.5			19.0	M3	151.0	2,869.00	18.0	3,385.42	
1	VII-2021-4.1.6	Cement concrete grade M-10 (Nominal Mix) with 40mm maximum size of stone aggregate		8.0	101.0	0.5	0.1	5.05			40.4	M3	4112.0	166,124.80	18.0	196,027.26	
1	VII-2021-4.1.6			8.0	48.0	0.5	0.1	2.4			19.2	M3	4112.0	78,950.40	18.0	93,161.47	
1	VII-2021-4.1.6			2.0	64.0	0.5	0.1	3.2			6.4	M3	4112.0	26,316.80	18.0	31,053.82	
1	VII-2021-4.1.6			8.0	60.0	0.5	0.1	3.0			24.0	M3	4112.0	98,688.00	18.0	116,451.84	
1	VII-2021-4.1.6			4.0	30.0	0.5	0.1	1.5			6.0	M3	4112.0	24,672.00	18.0	29,112.96	
1	VII-2021-4.1.6			2.0	36.0	0.5	0.1	1.8			3.6	M3	4112.0	14,803.20	18.0	17,467.78	
1	VII-2021-4.1.6			2.0	102.0	0.5	0.1	5.1			10.2	M3	4112.0	41,942.40	18.0	49,492.03	

WBS NO	SOM ITEM	Description	Cou nts	Noe	Len gth	Brea dth	Dept h	Volu me	Area	Wei ght	Quant ity	Unit	Price/U nit	Amount Before GST	GST %	Total Amount	Remarks
1	VII-2021-4.1.6			2.0	20.0	0.5	0.1	1.0			2.0	M3	4112.0	8,224.00	18.0	9,704.32	
1	VII-2021-4.1.6			4.0	35.0	0.5	0.1	1.75			7.0	M3	4112.0	28,784.00	18.0	33,965.12	
1	VII-2021-4.1.6			2.0	38.0	0.5	0.1	1.9			3.8	M3	4112.0	15,625.60	18.0	18,438.21	
1	19.1.2	walls(any thickness) including attached pilasters, buttersesse, plinth and string courses etc		16.0	101.0	0.3			30.3		484.8	M2	289.0	140,107.20	18.0	165,326.50	
1	19.1.2			16.0	48.0	0.3			14.4		230.4	M2	289.0	66,585.60	18.0	78,571.01	
1	19.1.2			4.0	64.0	0.3			19.2		76.8	M2	289.0	22,195.20	18.0	26,190.34	
1	19.1.2			16.0	60.0	0.3			18.0		288.0	M2	289.0	83,232.00	18.0	98,213.76	
1	19.1.2			8.0	30.0	0.3			9.0		72.0	M2	289.0	20,808.00	18.0	24,553.44	
1	19.1.2			4.0	36.0	0.3			10.8		43.2	M2	289.0	12,484.80	18.0	14,732.06	
1	19.1.2			4.0	20.0	0.3			6.0		24.0	M2	289.0	6,936.00	18.0	8,184.48	
1	19.1.2			4.0	102.0	0.3			30.6		122.4	M2	289.0	35,373.60	18.0	41,740.85	
1	19.1.2			4.0	35.0	0.3			10.5		42.0	M2	289.0	12,138.00	18.0	14,322.84	
1	19.1.2			4.0	38.0	0.3			11.4		45.6	M2	289.0	13,178.40	18.0	15,550.51	
1	NII-4.1.2	CEMENT CONCRETE GRADE M-20 (NOMINAL MIX) WITH 20 MM MAXIMUM SIZE OF STONE AGGREGATE		8.0	101.0	0.5	0.1	5.05			40.4	M3	5178.0	209,191.20	18.0	246,845.62	
1	NII-4.1.2			8.0	48.0	0.5	0.1	2.4			19.2	M3	5178.0	99,417.60	18.0	117,312.77	
1	NII-4.1.2			2.0	64.0	0.5	0.1	3.2			6.4	M3	5178.0	33,139.20	18.0	39,104.26	
1	NII-4.1.2			8.0	60.0	0.5	0.1	3.0			24.0	M3	5178.0	124,272.00	18.0	146,640.96	
1	NII-4.1.2			4.0	30.0	0.5	0.1	1.5			6.0	M3	5178.0	31,068.00	18.0	36,660.24	
1	NII-4.1.2			2.0	36.0	0.5	0.1	1.8			3.6	M3	5178.0	18,640.80	18.0	21,996.14	
1	NII-4.1.2			2.0	38.0	0.5	0.1	1.9			3.8	M3	5178.0	19,676.40	18.0	23,218.15	
1	NII-4.1.2			4.0	35.0	0.5	0.1	1.75			7.0	M3	5178.0	36,246.00	18.0	42,770.28	
1	NII-4.1.2			2.0	20.0	0.5	0.1	1.0			2.0	M3	5178.0	10,356.00	18.0	12,220.08	
1	NII-4.1.2			2.0	102.0	0.5	0.1	5.1			10.2	M3	5178.0	52,815.60	18.0	62,322.41	
1	NII-4.1.2			16.0	101.0	0.1	0.3	3.03			48.48	M3	5178.0	251,029.44	18.0	296,214.74	
1	NII-4.1.2			16.0	48.0	0.1	0.3	1.44			23.04	M3	5178.0	119,301.12	18.0	140,775.32	
1	NII-4.1.2			4.0	64.0	0.1	0.3	1.92			7.68	M3	5178.0	39,767.04	18.0	46,925.11	
1	NII-4.1.2			16.0	60.0	0.1	0.3	1.8			28.8	M3	5178.0	149,126.40	18.0	175,969.15	
1	NII-4.1.2			8.0	30.0	0.1	0.3	0.9			7.2	M3	5178.0	37,281.60	18.0	43,992.29	

WBS NO	SOR ITEM	Description	Cou nts	Nos	Len gth	Brea dth	Dept h	Volu me	Area	Wgt	Quant ity	Unit	Price/Un it	Amount Before GST	GST %	Total Amount	Remarks
1	NII-4.1.2			4.0	36.0	0.1	0.3	1.08			4.32	M3	5178.0	22,368.96	18.0	26,395.37	
1	NII-4.1.2			4.0	38.0	0.1	0.3	1.14			4.56	M3	5178.0	23,011.68	18.0	27,861.78	
1	NII-4.1.2			8.0	35.0	0.1	0.3	1.05			8.4	M3	5178.0	43,495.20	18.0	51,324.34	
1	NII-4.1.2			4.0	20.0	0.1	0.3	0.6			2.4	M3	5178.0	12,427.20	18.0	14,664.10	
1	NII-4.1.2			4.0	102.0	0.1	0.3	3.06			12.24	M3	5178.0	63,378.72	18.0	74,786.89	
1	VII-2021-5.1.1	Cement concrete grade M-20 (Nominal Mix) with 20 mm maximum size of stone aggregate.		8.0	5.0	0.6	0.2	0.6			4.8	M3	5435.0	26,088.00	18.0	30,783.84	
1	5.11.4	reinforcement for R.C.C work		1.0						263.76	263.76	KG	58.0	15,298.08	18.0	18,051.73	
1	NVI-3.12	Construction of Embankment/Sub-grade/Earthen Shoulders		2.0	50.0	4.5	0.75	168.75			337.5	M3	432.0	145,800.00	18.0	172,044.00	
1	NVI-3.12			1.0	30.0	5.0	0.75	112.5			112.5	M3	432.0	48,600.00	18.0	57,348.00	
1	NVI-3.12			1.0	64.0	5.0	0.75	240.0			240.0	M3	432.0	103,680.00	18.0	122,342.40	
1	NVI-3.12			2.0	60.0	6.0	0.75	270.0			540.0	M3	432.0	233,280.00	18.0	275,270.40	
1	4.1	Construction of Granular Sub-Base		4.0	101.0	3.5	0.1	35.35			141.4	M3	1059.0	149,742.60	18.0	176,696.27	
1	4.1			1.0	48.0	5.5	0.1	26.4			26.4	M3	1059.0	27,957.60	18.0	32,989.97	
1	4.1			1.0	48.0	2.1	0.1	10.08			10.08	M3	1059.0	10,674.72	18.0	12,596.17	
1	4.1			1.0	48.0	3.5	0.1	16.8			16.8	M3	1059.0	17,791.20	18.0	20,993.62	
1	4.1			1.0	48.0	5.0	0.1	24.0			24.0	M3	1059.0	25,416.00	18.0	29,990.88	
1	4.1			1.0	64.0	4.0	0.1	25.6			25.6	M3	1059.0	27,110.40	18.0	31,990.27	
1	4.1			2.0	60.0	5.0	0.1	30.0			60.0	M3	1059.0	63,540.00	18.0	74,977.20	
1	4.1			1.0	30.0	4.0	0.1	12.0			12.0	M3	1059.0	12,708.00	18.0	14,995.44	
1	4.1			1.0	36.0	3.0	0.1	10.8			10.8	M3	1059.0	11,437.20	18.0	13,495.90	
1	4.1			1.0	20.0	3.0	0.1	6.0			6.0	M3	1059.0	6,354.00	18.0	7,497.72	
1	4.1			1.0	102.0	2.5	0.1	25.5			25.5	M3	1059.0	27,004.50	18.0	31,865.31	
1	4.1			2.0	35.0	3.1	0.1	10.85			21.7	M3	1059.0	22,980.30	18.0	27,116.75	
1	4.1			1.0	38.0	5.0	0.1	19.0			19.0	M3	1059.0	20,121.00	18.0	23,742.78	
1	4.1			1.0	30.0	3.0	0.1	9.0			9.0	M3	1059.0	9,531.00	18.0	11,246.58	
1	4.1			1.0	60.0	5.5	0.1	33.0			33.0	M3	1059.0	34,947.00	18.0	41,237.46	
1	4.1			1.0	60.0	3.5	0.1	21.0			21.0	M3	1059.0	22,239.00	18.0	26,242.02	
1	4.6.1.1	If static roller is used in place of vibratory roller.		1.0	462.28	1.0	1.0	462.28			462.28	M3	-61.0	-28,199.08	18.0	-33,274.91	

WBS NO	SOR ITEM	Description	Cou nts	Nos	Len gth	Brae dth	Dept h	Volu me	Area	Wet ght	Quant ity	Unit	Price/U nit	Amount Before GST	GST %	Total Amount	Remarks
1	DNIV-4.6.1.1	Deduction for Item No. 4.1 to 4.3 and 4.6 if vibratory roller/ motor grader is not used. If static roller is used in place of vibratory rol		1.0	462.28	1.0	1.0	462.28			462.28	M3	-61.0	-28,199.08	18.0	-33,274.91	
1	NII-11.27.1	RED SAND STONE		8.0	5.0	0.6			3.0		24.0	M2	541.0	12,984.00	18.0	15,321.12	
1	6.1	Dry Lean Cement Concrete Sub- Base		4.0	101.0	3.5	0.1	35.35			141.4	M3	3210.0	453,894.00	18.0	535,594.92	
1	6.1			1.0	48.0	5.5	0.1	26.4			26.4	M3	3210.0	84,744.00	18.0	99,997.92	
1	6.1			1.0	48.0	2.1	0.1	10.08			10.08	M3	3210.0	32,356.80	18.0	38,181.02	
1	6.1			1.0	48.0	3.5	0.1	16.8			16.8	M3	3210.0	53,928.00	18.0	63,635.04	
1	6.1			1.0	48.0	5.0	0.1	24.0			24.0	M3	3210.0	77,040.00	18.0	90,907.20	
1	6.1			1.0	64.0	4.0	0.1	25.6			25.6	M3	3210.0	82,176.00	18.0	96,967.68	
1	6.1			2.0	60.0	5.0	0.1	30.0			60.0	M3	3210.0	192,600.00	18.0	227,268.00	
1	6.1			1.0	30.0	4.0	0.1	12.0			12.0	M3	3210.0	38,520.00	18.0	45,453.60	
1	6.1			1.0	36.0	3.0	0.1	10.8			10.8	M3	3210.0	34,668.00	18.0	40,908.24	
1	6.1			1.0	20.0	3.0	0.1	6.0			6.0	M3	3210.0	19,260.00	18.0	22,726.80	
1	6.1			1.0	102.0	2.5	0.1	25.5			25.5	M3	3210.0	81,855.00	18.0	96,588.90	
1	6.1			2.0	35.0	3.1	0.1	10.85			21.7	M3	3210.0	69,657.00	18.0	82,195.26	
1	6.1			1.0	38.0	5.0	0.1	19.0			19.0	M3	3210.0	60,990.00	18.0	71,968.20	
1	6.1			1.0	30.0	3.0	0.1	9.0			9.0	M3	3210.0	28,890.00	18.0	34,090.20	
1	6.1			1.0	60.0	5.5	0.1	33.0			33.0	M3	3210.0	105,930.00	18.0	124,997.40	
1	6.1			1.0	60.0	3.5	0.1	21.0			21.0	M3	3210.0	67,410.00	18.0	79,543.80	
1	I-6.1.1	Deduct from Item No 6.1 above if paver with electronic sensor/ mechanical paver, is not used and laying is done by any other method		1.0	1.0	462.28	1.0	462.28			462.28	M3	-161.0	-74,427.08	18.0	-87,823.95	
1	NVI--6.2.1	Dowel jointed, Plain Concrete Pavement in M30 Grade Concrete		4.0	101.0	3.5	0.15	53.025			212.1	M3	5916.0	1,254,783.60	18.0	1,480,644.65	
1	NVI--6.2.1			1.0	48.0	5.5	0.15	39.6			39.6	M3	5916.0	234,273.60	18.0	276,442.85	
1	NVI--6.2.1			1.0	48.0	2.1	0.15	15.12			15.12	M3	5916.0	89,449.92	18.0	105,550.91	
1	NVI--6.2.1			1.0	48.0	3.5	0.15	25.2			25.2	M3	5916.0	149,083.20	18.0	175,918.18	
1	NVI--6.2.1			1.0	48.0	5.0	0.15	36.0			36.0	M3	5916.0	212,976.00	18.0	251,311.68	
1	NVI--6.2.1			1.0	64.0	4.0	0.15	38.4			38.4	M3	5916.0	227,174.40	18.0	268,065.79	
1	NVI--6.2.1			2.0	60.0	5.0	0.15	45.0			90.0	M3	5916.0	532,440.00	18.0	628,279.20	
1	NVI--6.2.1			1.0	30.0	4.0	0.15	18.0			18.0	M3	5916.0	106,488.00	18.0	125,655.84	

WBS NO	SOR ITEM	Description	Qty	Nos	Length	Breadth	Depth	Volume	Area	Weight	Quantity	Unit	Price/Unit	Amount Before GST	GST %	Total Amount	Remarks
1	NVI--6.2.1			1.0	36.0	3.0	0.15	16.2			16.2	M3	5916.0	95,839.20	18.0	113,090.26	
1	NVI--6.2.1			1.0	20.0	3.0	0.15	9.0			9.0	M3	5916.0	53,244.00	18.0	62,827.92	
1	NVI--6.2.1			1.0	102.0	2.5	0.15	38.25			38.25	M3	5916.0	226,287.00	18.0	267,018.66	
1	NVI--6.2.1			2.0	35.0	3.1	0.15	16.275			32.55	M3	5916.0	192,565.80	18.0	227,227.64	
1	NVI--6.2.1			1.0	38.0	5.0	0.15	28.5			28.5	M3	5916.0	168,606.00	18.0	198,955.08	
1	NVI--6.2.1			1.0	30.0	3.0	0.15	13.5			13.5	M3	5916.0	79,866.00	18.0	94,241.88	
1	NVI--6.2.1			1.0	60.0	5.5	0.15	49.5			49.5	M3	5916.0	292,842.00	18.0	345,553.56	
1	NVI--6.2.1			1.0	60.0	3.5	0.15	31.5			31.5	M3	5916.0	186,354.00	18.0	219,897.72	
1	DNIV-6.2.3	Deduct from Item No 6.2.1 & 6.2.2 above if paver with electronic sensor/ mechanical paver, is not used and laying is done by any other metho		1.0				693.419			693.42	M3	-301.0	-208,719.42	18.0	-246,288.92	

WBS Summary

WBS NO	WBS Text	Amount
1	WARD NO.35, SEVA NAGAR DEFRENT ROAD	8,728,274.62
	Total PAC	8728274.62

GST: 1571089.43
Gross: 10299364.05