

Project Estimate

Project Details

Estimation Number: ES-0514-26-0000000010	Work: Construction Of C& D Waste Plant, Nadep With Shed, Rcc Drain, Hume Pipe Culvert, Paver Block, Fencing Around Trenching Ground & CC Road
ULB: 0514 (Sarai Nagar Parishad)	Demand ID: DM-0514-26-0000000010
Department: Public Works	PAC: 2155066.42
Project No.:	Gross: 2542978.38

Activity / SOR / NON SOR and WBS Details

WBS NO	SOR ITEM	Description	Coun ts	Nos	Leng th	Brea dth	Dept h	Volu me	Area	Weig ht	Quant ity	Unit	Price/U nit	Amount Before GST	GST %	Total Amount	Remark s
1	NII-2.6.1	ALL KIND OF SOIL		12.0	0.3	0.3	0.6	0.054			0.648	M3	151.0	97.85	18.0	115.46	COLUM N
1	NII-5.1.1	CEMENT CONCRETE GRADE M-20 (NOMINAL MIX) WITH 20 MM MAXIMUM SIZE OF STONE AGGREGATE.		12.0	0.2	0.2	0.6	0.024			0.288	M3	5435.0	1,565.28	18.0	1,847.03	COLUM N
1	NII-5.11.2	HOT ROLLED DEFORMED BARS		1.0						21.6	21.6	KG	58.0	1,252.80	18.0	1,478.30	75 Kg Steel Reinforc ement / Cum RCC
1	NII-19.1.6	COLUMNS, PILLARS, PIERS, ABUTMENTS, POSTS AND STRUTS.		24.0	0.2	0.6		0.12			2.88	M2	362.0	1,042.56	18.0	1,230.22	COLUM N
1	NII-10.14.1.2	IN GRATINGS, FRAMES, GUARD BAR, LADDER, RAILINGS, BRACKETS, GATES AND SIMILAR WORKS.		1.0						235.62	235.62	KG	92.0	21,677.04	18.0	25,578.91	Column (50*50* 5mm Square tube@5.95kg/M Weight)
1	NII-10.14.1.2			1.0						138.6	138.6	KG	92.0	12,751.20	18.0	15,046.42	(40*40* 3.6 MM SQUAR E TUBE @3.85K G/M WEIGH T)
1	NII-10.14.1.2			1.0						103.95	103.95	KG	92.0	9,563.40	18.0	11,284.81	Top Purlin
1	NII-12.1.1	1.00MM THICK WITH ZINC COATING NOT LESS THAN 275GM/M		1.0	18.0	4.5			81.0		81.0	M2	871.0	70,551.00	18.0	83,250.18	
1	NII-6.13.1	CEMENT MORTAR 1:4 (1 CEMENT : 4 COARSE SAND)		1.0	18.0	0.2	2.0	7.2			7.2	M3	4531.0	32,623.20	18.0	38,495.38	
1	NII-6.13.1			2.0	4.0	0.2	2.0	1.6			3.2	M3	4531.0	14,499.20	18.0	17,109.06	
1	NII-6.13.1			4.0	4.0	0.2	1.5	1.2			4.8	M3	4531.0	21,748.80	18.0	25,663.58	
1	NII-13.1.2	1:6 (1 CEMENT: 6 SAND)		2.0	18.0	2.0		36.0			72.0	M2	137.0	9,864.00	18.0	11,639.52	
1	NII-13.1.2			4.0	4.0	2.0		8.0			32.0	M2	137.0	4,384.00	18.0	5,173.12	
1	NII-13.1.2			8.0	4.0	1.5		6.0			48.0	M2	137.0	6,576.00	18.0	7,759.68	
1	NII-13.38	TWO OR MORE COATS ON NEW WORK.		2.0	18.0	2.0		36.0			72.0	M2	42.0	3,024.00	18.0	3,568.32	

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1	NII-13.38			4.0	4.0	2.0			8.0		32.0	M2	42.0	1,344.00	18.0	1,585.92	
1	NII-13.38			8.0	4.0	1.5			6.0		48.0	M2	42.0	2,016.00	18.0	2,378.88	
2	NII-2.6.1	ALL KINDS OF SOIL		6.0	5.4	2.4	0.3	3.888			23.328	M3	151.0	3,522.53	18.0	4,156.58	NADEP EXCAVATION
2	NII-2.6.1			21.0	0.3	0.3	0.6	0.054			1.134	M3	151.0	171.23	18.0	202.06	FOR SHED COLUMN
2	NII-2.18.1	MOORUM/HARD COPRA		6.0	5.4	2.0	0.1	1.08			6.48	M3	478.0	3,097.44	18.0	3,654.98	NADEP
2	NII-2.18.1			21.0	0.3	0.3	0.1	0.009			0.189	M3	478.0	90.34	18.0	106.60	FOR SHED COLUMN
2	NII-4.1.4	CEMENT CONCRETE GRADE M-10 (NOMINAL MIX) WITH 20 MM MAXIMUM SIZE OF STONE AGGREGATE		6.0	5.4	2.0	0.1	1.08			6.48	M3	4219.0	27,339.12	18.0	32,260.16	NADEP BASE CONCE RTE
2	NII-4.1.4			21.0	0.3	0.3	0.1	0.009			0.189	M3	4219.0	797.39	18.0	940.92	FOR SHED COLUMN
2	NII-4.1.2	CEMENT CONCRETE GRADE M-20 (NOMINAL MIX) WITH 20 MM MAXIMUM SIZE OF STONE AGGREGATE		21.0	0.3	0.3	0.4	0.036			0.756	M3	5178.0	3,914.57	18.0	4,619.19	FOR SHED COLUMN
2	NII-19.1.1	FOUNDATIONS, FOOTINGS, BASES OF COLUMNS, ETC. FOR MASS CONCRETE.		21.0	1.2	0.1			0.12		2.52	M2	160.0	403.20	18.0	475.78	
2	NII-19.1.1			21.0	1.2	0.4			0.48		10.08	M2	160.0	1,612.80	18.0	1,903.10	
2	NII-6.14.2	CEMENT MORTAR 1:6 (1 CEMENT : 6 COARSE SAND)		12.0	5.4	0.2	1.2	1.296			15.552	M3	4607.0	71,648.06	18.0	84,544.72	
2	NII-6.14.2			12.0	2.0	0.2	1.2	0.48			5.76	M3	4607.0	26,536.32	18.0	31,312.86	
2	NII-13.1.1	1:4 (1 CEMENT: 4 SAND)		24.0	5.4	1.1			5.94		142.56	M2	149.0	21,241.44	18.0	25,064.90	
2	NII-13.1.1			24.0	2.0	1.1			2.2		52.8	M2	149.0	7,867.20	18.0	9,283.30	
2	NII-13.39	TWO OR MORE COATS ON NEW WORK		24.0	5.4	1.1			5.94		142.56	M2	58.0	8,268.48	18.0	9,756.81	
2	NII-13.39			24.0	2.0	1.1			2.2		52.8	M2	58.0	3,062.40	18.0	3,613.63	
2	NII-10.14.1.2	IN GRATINGS, FRAMES, GUARD BAR, LADDER, RAILINGS, BRACKETS, GATES AND SIMILAR WORKS.		1.0						248.325	248.325	KG	92.0	22,845.90	18.0	26,958.16	40*40*3 .6 MM SQUARE TUBE @3.85K G/M WEIGHT FOR TOP PURLIN

WBS NO	SOR ITEM	Description	Coun ts	Nos	Leng th	Brea dth	Dept h	Volu me	Area	Weig ht	Quanti ty	Unit	Price/U nit	Amount Before GST	GST %	Total Amount	Remark s
2	NII-10.14.1.2			1.0						148.225	148.225	KG	92.0	13,636.70	18.0	16,091.31	40*40*3.6 MM SQUARE TUBE @3.85KG/M WEIGHT FOR TOP PURLIN
2	NII-10.14.1.2			1.0						437.325	437.325	KG	92.0	40,233.90	18.0	47,476.00	COLUMN(50*50*5MM SQUARE TUBE@ 5.95KG/M WEIGHT
2	NII-12.1.1	1.00MM THICK WITH ZINC COATING NOT LESS THAN 275GM/M		1.0	22.5	5.5			123.75		123.75	M2	871.0	107,786.25	18.0	127,187.77	
3	NII-2.6.1	ALL KINDS OF SOIL		1.0	80.0	0.9	0.5	36.0			36.0	M3	151.0	5,436.00	18.0	6,414.48	DRAIN
3	NII-2.6.1			1.0	1.5	1.5	1.0	2.25			2.25	M3	151.0	339.75	18.0	400.90	LEACHATE TANK
3	NII-2.16	FILLING BY AVAILABLE EXCAVATED EARTH (EXCLUDING ROCK) IN TRENCHES, PLINTH, SIDES OF FOUNDATIONS ETC. IN LAYERS NOT EXCE		2.0	80.0	0.4	0.2	6.4			12.8	M3	89.0	1,139.20	18.0	1,344.26	DRAIN
3	NII-2.16			4.0	1.5	0.2	1.0	0.3			1.2	M3	89.0	106.80	18.0	126.02	LEACHATE TANK
3	NII-4.1.6	CEMENT CONCRETE GRADE M-10 (NOMINAL MIX) WITH 40 MM MAXIMUM SIZE OF STONE AGGREGATE		1.0	80.0	0.8	0.1	6.4			6.4	M3	4112.0	26,316.80	18.0	31,053.82	DRAIN
3	NII-4.1.6			1.0	1.5	1.5	0.1	0.225			0.225	M3	4112.0	925.20	18.0	1,091.74	LEACHATE TANK
3	NII-5.11.2	HOT ROLLED DEFORMED BARS		9.66						60.0	579.6	KG	58.0	33,616.80	18.0	39,667.82	60KG/CUM CONCRETE
3	NII-5.1.1	CEMENT CONCRETE GRADE M-20 (NOMINAL MIX) WITH 20 MM MAXIMUM SIZE OF STONE AGGREGATE.		1.0	80.0	0.5	0.1	4.0			4.0	M3	5435.0	21,740.00	18.0	25,653.20	FLOOR OF DRAIN
3	NII-5.1.1			2.0	80.0	0.3	0.1	2.4			4.8	M3	5435.0	26,088.00	18.0	30,783.84	WALLS
3	NII-5.1.1			4.0	1.2	0.2	0.9	0.216			0.864	M3	5435.0	4,695.84	18.0	5,541.09	LEACHATE TANK
3	NII-19.1.2	WALLS (ANY THICKNESS) INCLUDING ATTACHED PILASTERS, BUTTERESSES, PLINTH AND STRING COURSES ETC		2.0	80.0	0.3			24.0		48.0	M2	289.0	13,872.00	18.0	16,368.96	WALLS INNER FACES
3	NII-19.1.2			2.0	80.0	0.4			32.0		64.0	M2	289.0	18,496.00	18.0	21,825.28	OUTER FACES
3	NII-19.1.2			8.0	1.2	0.9			1.08		8.64	M2	289.0	2,496.96	18.0	2,946.41	LEACHATE TANK

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3	NII-10.14.1.2	IN GRATINGS, FRAMES, GUARD BAR, LADDER, RAILINGS, BRACKETS, GATES AND SIMILAR WORKS.		1.0						45.0	45.0	KG	92.0	4,140.00	18.0	4,885.20	CHAMB ER COVER S HEAVY (1.2*1.2 M)
4	NVI-12.1.1.1	up to 3 m depth		2.0	2.0	0.9	2.0	3.6			7.2	M3	205.0	1,476.00	18.0	1,741.68	U/S SIDE WALL
4	NVI-12.1.1.1			2.0	2.0	0.9	2.0	3.6			7.2	M3	205.0	1,476.00	18.0	1,741.68	D/S SIDE WALL
4	NVI-12.1.1.1			1.0	4.1	1.2	0.5	2.46			2.46	M3	205.0	504.30	18.0	595.07	PIPE BED
4	NVI-4.1.1.1	Grading I		2.0	2.0	0.9	0.3	0.54			1.08	M3	1059.0	1,143.72	18.0	1,349.59	U/S SIDE WALL
4	NVI-4.1.1.1			2.0	2.0	0.9	0.3	0.54			1.08	M3	1059.0	1,143.72	18.0	1,349.59	D/S SIDE WALL
4	NVI-4.1.1.1			1.0	4.1	1.2	0.3	1.476			1.476	M3	1059.0	1,563.08	18.0	1,844.44	PIPE BED
4	NVI-12.2	Providing and laying levelling course in foundation, filling annular spaces around footing in rock up to top of ro		2.0	2.0	0.9	0.2	0.36			0.72	M3	4900.0	3,528.00	18.0	4,163.04	U/S SIDE WALL
4	NVI-12.2			2.0	2.0	0.9	0.2	0.36			0.72	M3	4900.0	3,528.00	18.0	4,163.04	D/S SIDE WALL
4	NVI-12.2			1.0	4.1	1.2	0.2	0.984			0.984	M3	4900.0	4,821.60	18.0	5,689.49	PIPE BED
4	NVI-13.5.2	PCC Grade M20		2.0	2.0	0.6	2.4	2.88			5.76	M3	5307.0	30,568.32	18.0	36,070.62	U/S SIDE WALL
4	NVI-13.5.2			2.0	2.0	0.6	2.4	2.88			5.76	M3	5307.0	30,568.32	18.0	36,070.62	D/S SIDE WALL
4	NVI-13.5.2			-1.57	0.6	0.6	0.45	0.162			-0.254	M3	5307.0	-1,347.98	18.0	-1,590.61	DEDUC TION FOR PIPE U/S WALL
4	NVI-13.5.2			-1.57	0.6	0.6	0.45	0.162			-0.254	M3	5307.0	-1,347.98	18.0	-1,590.61	DEDUC TION FOR PIPE D/S WALL
4	NVI-13.5.2			1.0	4.1	1.2	0.15	0.738			0.738	M3	5307.0	3,916.57	18.0	4,621.55	BELOW PIPE BED
4	NVI-13.5.2			1.0	4.1	1.2	0.2	0.984			0.984	M3	5307.0	5,222.09	18.0	6,162.06	ABOVE PIPE
4	NVI-13.5.2			2.0	4.1	0.15	0.7	0.43			0.86	M3	5307.0	4,564.02	18.0	5,385.54	AROUN D BOTH SIDE OF PIPE
4	NVI-17.2.3	Size 600 mm dia. meter		1.0	5.0						5.0	RM	3051.0	15,255.00	18.0	18,000.90	
5	NII-2.6.1	ALL KINDS OF SOIL		1.0	50.0	4.0	0.7	140.0			140.0	M3	151.0	21,140.00	18.0	24,945.20	MAIN TRACK
5	NII-2.18.1	MOORUM/HARD COPRA		1.0	50.0	3.7	0.3	55.5			55.5	M3	478.0	26,529.00	18.0	31,304.22	

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5	NII-2.18.2	CRUSHER STONE DUST		1.0	50.0	3.7	0.1	18.5			18.5	M3	687.0	12,709.50	18.0	14,997.21	
5	NII-4.1.4	CEMENT CONCRETE GRADE M-10 (NOMINAL MIX) WITH 20 MM MAXIMUM SIZE OF STONE AGGREGATE		1.0	50.0	3.7	0.1	18.5			18.5	M3	4219.0	78,051.50	18.0	92,100.77	FOR FLOOR CONCR ETE
5	NII-4.1.3	CEMENT CONCRETE GRADE M-15 (NOMINAL MIX) WITH 20 MM MAXIMUM SIZE OF STONE AGGREGATE		2.0	50.0	0.15	0.3	2.25			4.5	M3	4755.0	21,397.50	18.0	25,249.05	
5	NII-4.1.3			4.0	3.7	0.15	0.3	0.167			0.668	M3	4755.0	3,176.34	18.0	3,748.08	
5	NII-11.43	PROVIDING AND LAYING 60 MM THICK FACTORY MADE CEMENT CONCRETE INTERLOCKING PAVER BLOCK OF M -30 GRADE MADE BY BLOCK MAK		1.0	50.0	3.7			185.0		185.0	M2	612.0	113,220.00	18.0	133,599.60	WALKIN G TRACK EDGIN G TRACK
6	NII-2.6.1	ALL KINDS OF SOIL		164.0	0.4	0.4	0.6	0.096			15.744	M3	151.0	2,377.34	18.0	2,805.27	
6	NII-2.18.1	MOORUM/HARD COPRA		164.0	0.4	0.4	0.15	0.024			3.936	M3	478.0	1,881.41	18.0	2,220.06	
6	NII-4.1.3	CEMENT CONCRETE GRADE M-15 (NOMINAL MIX) WITH 20 MM MAXIMUM SIZE OF STONE AGGREGATE		164.0	0.4	0.4	0.45	0.072			11.808	M3	4755.0	56,147.04	18.0	66,253.51	
6	NII-10.21	R.C.C. STANDARDS POST/ STRUTS/RAILS/ POLES OF MIX 1:1.5:3 (1 CEMENT : 1.5 SAND : 3 GRADED STONE AGGREGATE 12.5 MM NOMIN		164.0	0.15	0.15	1.95	0.044			7.216	M3	16667.0	120,269.07	18.0	141,917.50	
6	NII-10.25.1	MADE OF G.I. WIRE.		1.0	400.0	1.5			600.0		600.0	M2	485.0	291,000.00	18.0	343,380.00	
7	NVI-4.1.1.1	Grading I		1.0	100.0	4.0	0.15	60.0			60.0	M3	1059.0	63,540.00	18.0	74,977.20	
7	NVI-6.3	Providing and Laying Cement Concrete Grade M-10 with 40 mm graded crushed stone aggregate,		1.0	100.0	4.0	0.1	40.0			40.0	M3	4598.0	183,920.00	18.0	217,025.60	
7	NVI-6.4	Providing and Laying Cement Concrete Grade M-20 with 20 mm graded crushed stone aggregate		1.0	100.0	4.0	0.15	60.0			60.0	M3	5251.0	315,060.00	18.0	371,770.80	

WBS Summary

WBS NO	WBS Text	Amount
1	Construction Of C& D Waste Plant	214,580.33
2	Construction of Nadep With Shed	364,075.28
3	Construction of RCC Drain	159,409.35
4	Construction of Hume Pipe Culvert	106,582.78
5	Construction of Paver Block Footpath	276,223.84
6	Construction of Fencing Work	471,674.86
7	Construction of CC Road	562,520.00
Total PAC		2155066.42

GST: 387911.96
Gross: 2542978.38

Project Estimate

Project Details

Estimation Number: ES-0514-26-0000000010	Work: Construction Of C& D Waste Plant, Nadep With Shed, Rcc Drain, Hume Pipe Culvert, Paver Block, Fencing Around Trenching Ground & CC Road
ULB: 0514 (Sarai Nagar Parishad)	Demand ID: DM-0514-26-0000000010
Department: Public Works	PAC: 2155066.42
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Sub Engineer E-sign

CMO E-sign

AE E-sign

SE Superintendent E-sign

Sub Engineer Division E-sign

AE Division E-sign

EE E-sign