

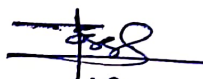
Estimate Sheet


Name of work :	Construction of RCC CULVERT
Name of Site :	NEAR LAXMIKANT TIWARI HOUSE AT WARD 03

ESTIMATE

Name Of Work :-	Const Of RCC BOX CULVERT
Name Of Site :-	From Near Tehsil Office At Ward No. 04

SN	DISCRIPTION OF ITEM	No	LENGTH	BREADTH	HEIGHT	Quantity	Rate	Amount
1	NIII-12.1.2.1							
	Earth work in excavation of foundation of structures with all lifts & lead upto 1000 meters as per drawing and technical specification, including setting out, construction of shoring and bracing, removal of stumps and other deleterious matter, dressing of sides and bottom as per relevant clauses of section 300 & 2100 in.							
	A SOIL							
	BY Mechanical Means							
	Up To 3m depth	1	1	6.00	8.00	4.00	192.0	
	Apron	1	2	8.00	2.00	0.60	19.2	
						211.2	119.00	25132.8
2	NIII-4.1.1.1							
	Construction of granular sub-base by providing Coarse graded material (CBR>30), spreading in uniform layers with motor grader on prepared surface, mixing by mix in place method at OMC and compacting with vibratory roller of 80-100 KN Static weight to achieve the desired density, complete in all respect as per relevant clauses of section-400.							
	By Mix in Place Method							
	Grading I	1	1	6	8.00	0.30	14.4	
	Apron	1	2	8	2.00	0.20	6.4	
						20.8	5238.00	108950.4
3	NIII-12.2							
	Providing and laying levelling course in foundation filling annular spaces around footing in rock up to top of rock in lean cement concrete M-10 Nominal Mix with 40mm size coarse aggregate....							
		1	1	5.60	7.60	0.150	6.4	
	Apron	1	2	7.60	1.80	0.150	4.1	


 उपयंत्री
 नगर परिषद सरई
 जिला-सिंगरौली (म.प्र.)

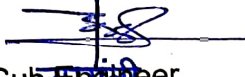

 मुख्य नगर पालिका अधिकारी
 नगर परिषद सरई
 जिला-सिंगरौली (म.प्र.)


Nagar Parishad Sarai

							10.5	4900.0	51391.2	
	NIII-13.4.2									
	Stone masonry work in cement mortar 1:3 for ubstructure complete as per drawing and Technical Specifications and as per Section 1400 of the									
	Random Rubble Masonry	1	1	6	8.00	0.30	14.400			
	Apron	1	2	8	2.00	0.30	9.600			
							24.0	5238.0	125712	
5	NIII-13.5.6									
	Providing and laying Plain/Reinforced cement concrete in sub-structure as per drawing and technical specifications and as per relevant clauses of sections 1500, 1700 & 2200									
	RCC Grade M25									
	FLOOR	1	1	5	7.50	0.300	11.3			
	WALLS	1	3	7.5	0.30	2.400	16.2			
	SLAB	1	1	5	7.50	0.300	11.3			
	APRON	1	2	7.60	1.80	0.200	5.5			
							44.2	5902.0	260703.14	
6	NII-5.2.1									
	Reinforced cement concrete work in walls (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts etc.above plinth level and up to floor two level excluding cost of centering, shuttering and reinforcement etc.									
	Cement concrete grade M-20 (Nominal Mix) with 20 mm maximum size of stone aggregate.									
	COLUMNS	2	8	0.30	0.30	0.600	0.86			
							0.86	5656.0	4886.784	
7	NIII-13.6.2									
	Supplying, fitting and placing HYSD bar reinforcement in sub-structure complete as per drawing and technical specifications and as per relevant clauses of sections 1600.									
	FE 500D /FE 550 /FE 550D									
	120 KG /CUM OF CONC. QTY									
	Road	1	1	45.0	120.00		5404.3			
							5.404	72578.0	392234.74	
8	NII-19.1.2									

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TOTAL EXAVATED EARTH						211.2		
DEDUCT STONE						24.0		
DEDUCT PCC						10.5		
DEDUCT RCC						44.2		
						132.5	600.0	79524
TOTAL								1103723
Add 18% GST								198670
TOTAL								1302393


Sub Engineer
Nagar Parishad Sarai
जिला-सिंगरौली (म.प्र.)


Chief Municipal Officer
Nagar Parishad Sarai
जिला-सिंगरौली (म.प्र.)

Technical Report

Name Of Work
Name Of Site :

Construction of **RCC Retaining Wall**

Ward No	Length		
4	4	4	16
Total Lenth (M)			16

Necessity :

For Reducing Flood Water Flow And Protect River Corner Erosion By Flood &systemetic Disposel of Rain And Drainage Water Of ward

Provision :

	Width	Depth	Length	16.00 M
Excavation,	2.20	1.200		
PCC 1:3:6	2.20	0.100		
Floor RCC M20	2.20	0.300		
Walls RCC M20	0.35	3.100		
Reinforcement	10&12 mm O			

S O R :

MP UADD ISSR inforced from 2ND August 2021

Esti Cost :

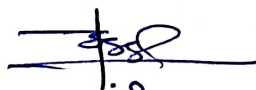
222724


Fund :

Municipal Fund

Sanctioning
Authority :

Executive Engineer
Urban Administration And Development Department Rewa
Division Rewa


उपयंत्री
Sub Engineer
नगर परिषद सरई
Nagar Parishad Sarai
जिला-सिंगरौली (म.प्र.)


मुख्य नगर पालिका अधिकारी
नगर परिषद सरई
Chief Municipal Officer
जिला-सिंगरौली (म.प्र.)
Nagar Parishad Sarai

Abstract , Estimate Sheet

Name Of Work

Construction of RCC Retaining Wall

Name Of Site :

From Near Tehsil Office At Ward No. 04

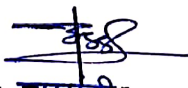
MP UADD ISSR inforced from 2ND August 2021

SN	PARTICULARS	No	Length	Breadth	Height	QTY	RATE	AMT
1	NII-2.6.1							
	Earth work in excavation for foundation, trenches for pipes / cables or drains etc. by mechanical means / manual means (exceeding 30cm in depth.) including ramming of bottom, dressing of sides, disposal of excavated earth including of all lift and lead upto 50m. Disposed earth to be levelled and neatly dressed.							
	All kinds of soil							
	Base Slab	1	1	16	2.80	1.400	62.7	
	Shear Key	1	1	16	0.60	0.400	3.8	
						66.6	151.00	10051
2	NII-4.1.6							
	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering All work up to plinth level.							
	Cement concrete grade M-10 (Nominal Mix) with 40 mm maximum size of stone aggregate							
	Base Slab	1	1	16	2.20	0.100	3.5	
	Shear Key	1	1	16	0.30	0.100	0.5	
						4.0	4112.00	16448
3	NII-5.11.4							

Reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding upto floor level including cost of binding wire, wastage and over laps upto 12mm horizontal/ inclined position of reinforcement bars in slab and beams, plinth, chajjas, lintels, upto 4.5m vertical length of reinforcement in wall columns (over laps shall be provided as per requirement of IS : 13920; IS 456 & SP:34) etc complete								
Thermo-Mechanically Treated bars. (Fe 500 D or more)			Cum	Kg/Cum				
			11.52	75.00		864.0		
						864.0	58.0	50112
4 NII-5.2.1								
Reinforced cement concrete work in walls (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts etc.above plinth level and up to floor two level excluding cost of centering, shuttering and reinforcement etc								
Cement concrete grade M-20 (Nominal Mix) with 20 mm maximum size of stone aggregate.								
Shear Key Beam	1	1	16.0	0.20	0.300	1		
Base Slab	1	1	16.0	2.20	0.300	11		
Vertical Wall Upto GL	1	1	16.00	$(.4+.3)/2$	0.700	0		
Vertical Wall Above GL	1	1	16.00	$(.3+.2)/2$	2.400	0		
						11.52	5656.00	65157
5 NII-19.1.1								
Centering and shuttering including strutting, propping stretching etc. complete for and removal of form work by sheet plate or ply wood shuttering for :								
Foundations, footings, bases of columns, etc. For mass concrete.								
Shear Key Beam	1	2	16.0		0.300	10		

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Base Slab		1	2	16.0		0.300	10		
							19.20	160.00	3072
6	NII-19.1.6								
	Centering and shuttering including strutting, propping stretching etc. complete for and removal of form work by sheet plate or ply wood shuttering for :								
	Columns, Pillars, Piers, Abutments, Posts and Struts.								
	Vertical Wall Upto GL	1	2	16.00		0.700	22		
	Vertical Wall Above GL	1	2	16.00		2.400	77		
							99.20	362.00	35910
7	NII-2.16								
	Filling by available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m								
	Outer Side	1	1	16.0	0.75	0.70	8		
		1	1	16.0	1.05	0.70	12		
		1	1	16.0	1.50	2.50	60		
							80.16	89.00	7134
8	NIII-13.8								
	Providing weep holes in Brick masonry/Plain/Reinforced concrete abutment, wing wall/return wall with 100 mm dia AC/PVC/HDPE pipe, extending through the full width of the structure with slope of 1V :20H towards drawing face. Complete as per drawing and Technical specifications and as per clause 2706 of specifications								
			2	20	0.25		5.00		
							5.00	173.00	865.0
									188749.3
nw								Add 18 % GST	33974.9
								TOTAL	222724.2


 Sub Engineer
 Nagar Parishad Sarai
 जिला-सिंगरौली (म.प्र.)


 Chief Municipal Officer
 Nagar Parishad Sarai
 जिला-सिंगरौली (म.प्र.)