

Project Estimate

Project Details

Project Number: PW1-367-25-031

ILB: Tikamgarh Nagar Palika

Department: Public Work Departme

Work : con ccroad&rccdtrain near chitranshcolo16

G/L Code : 4121011006 ROADS & BRIDGES-TRAFFIC M

PAC 6,953,566.05

Total Submitted PAC(ULb):0.00

Activity / SOR / NON SOR and WBS Details

WBSN O/SNO	Activity Number	Description	Count	L	B	H	Quantity	Unit	Price / Unit	Amount	Remarks
1/1.1	NIII-3.3	Excavation for roadwork in soil with hydraulic excavator including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transporting to the embankment location with all lifts and lead upto 1000m as per relevent clauses of section-300 of specification."	0.20	650.0	4.75	0.10	61.750	M3	65.00	4013.75	
1/2.1	NIII-3.12	CONSTRUCTION OF EMBANKMENT/SUB GRADE/ EARTH SHOULDERS, AS PER CLAUSE 305 & ITS SUB-CLAUSES, WHERE REQUIRED BUT WITH APPROVED MATERIALS/ SOIL LIKE MORRUM CBR VALUE NOT LESS THEN 7% I/C ALL LEAD & LIFTS I/C EXCAVATION, COST OF WATERING, COMPACTION BY VIBRATORY ROLLER/ HEAVY PNEUMATIC TYPE ROLLER AND MAINTENANCE OF SURFACE DURING CONSTRUCTION TO ENSURE SHEDDING & PREVENTING PONDING OF WATER (CLAUSE 305.3.6) SHAPING & DRESSING (CLAUSE 305.3.7), FINISHING ETC. COMPLETE BUT EXCLUDING SCARIFYING EXISTING GRANULAR/BITUMINOUS ROAD SURFACE VIDE CLAUSE 305.6."	1	70.00	3.75	0.20	52.500	M3	410.00	21525.00	
			1	70.00	5.75	0.30	120.750	M3	410.00	49507.50	
			1	150.0	4.75	0.20	142.500	M3	410.00	58425.00	
			1	100.0	5.75	0.25	143.750	M3	410.00	58937.50	
			1	20.00	4.75	0.25	23.750	M3	410.00	9737.50	
			1	180.0	5.75	0.20	207.000	M3	410.00	84870.00	
			1	60.00	5.75	0.30	103.500	M3	410.00	42435.00	

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WBSN O/SNO	Activity Number	Description	Count	L	B	H	Quantity	Unit	Price / Unit	Amount	Remarks
1/3.1	NIII-4.1	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."	1	70.00	3.75	0.10	26.250	M3	689.00	18086.25	
			1	70.00	5.75	0.10	40.250	M3	689.00	27732.25	
			1	150.0	4.75	0.10	71.250	M3	689.00	49091.25	
			1	100.0	5.75	0.10	57.500	M3	689.00	39617.50	
			1	20.00	4.75	0.10	9.500	M3	689.00	6545.50	
			1	180.0	5.75	0.10	103.500	M3	689.00	71311.50	
			1	60.00	5.75	0.10	34.500	M3	689.00	23770.50	
1/4.1	NIII-6.6	PROVIDING AND LAYING CEMENT CONCRETE GRADE M-20 (NOMINAL MIX 1:1.5:3) WITH 20 MM GRADED CRUSHED STONE AGGREGATE, MIXING SHALL BE IN MECHANICAL MIXER, LAYING WITH PAVER COMPACTING BY USE OF PIN, PLATE / SCREED VIBRATORS INCLUDING FORM WORK BY STRONG STEEL GIRDERS FIXED BY SPIKES, SEPARATION MEMBRANE 125 MICRON THICK, I/C CUTTING OF JOINTS @ 4 TO 5 M INTERVAL & FILLING IT WITH HOT APPLIED BITUMINOUS SEALANT (WITHOUT DOWEL BARS). (MAX. THICKNESS 20CM)"	1	70.00	3.50	0.20	49.000	M3	5420.00	265580.00	

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			1	70.00	5.50	0.20	77.000	M3	5420.00	417340.00	
			1	150.0	4.50	0.20	135.000	M3	5420.00	731700.00	
			1	100.0	5.50	0.20	110.000	M3	5420.00	596200.00	
			1	20.00	4.50	0.20	18.000	M3	5420.00	97560.00	
			1	180.0	5.50	0.20	198.000	M3	5420.00	1073160.00	
			1	60.00	5.50	0.20	66.000	M3	5420.00	357720.00	
1/5.1	NIII-6.7	DEDUCT FROM ITEM NO.6.2, 6.3 AND 6.6 ABOVE IF PAVER WITH ELECTRONIC SENSOR IS NOT USED AND LAYING, COMPACTION IS DONE BY ANY OTHER METHOD (NOTE :- THE ACCEPTANCE CRITERIA REGARDING LEVEL, THICKNESS, SURFACE REGULARITY, TEXTURE FINISH, STRENGTH OF CONCRETE AND ALL OTHER QUALITY CONTROL MEASURES SHALL BE THE SAME AS IN CASE OF MACHINE LAID WORK.) THIS ITEM IS TO BE EXECUTED WITH PRIOR WRITTEN PERMISSION OF ENGINEER- IN-CHARGE"	1				653.000	M3	-391.00	-255323.00	
1/6.1	NII-2.6.1	excavation work with 05KM Extra lead	2	500.0	0.75	0.70	525.000	M3	151.00	79275.00	
1/7.1	NII-2.24	DEDUCT FOR DISPOSED SOIL NOT LEVELLED AND NEATLY DRESSED (AGAINST ITEM NO. 2.6)	1				525.000	M3	-27.00	-14175.00	
1/8.1	PW135518001NS R01	125 MICRONE PLASTIC SHEET	2	500.0	0.75		750.000	M2	11.00	8250.00	

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1/9.1	NII-5.1.1	CEMENT CONCRETE GRADE M-20 (NOMINAL MIX) WITH 20 MM MAXIMUM SIZE OF STONE AGGREGATE.-"PROVIDING AND LAYING IN POSITION SPECIFIED GRA DE OF REINFORCED CEMENT CONCRETE EXCLUDING THE COST OF CENTERING, SHUTTERING, FINISHING AND REINFORCEMENT - ALL WORK UP TO PLINTH LEVEL."	4	500.0	0.10	0.60	120.000	M3	5435.00	652200.00	
			2	500.0	0.70	0.10	70.000	M3	5435.00	380450.00	
			2	500.0	0.70	0.12	84.000	M3	5435.00	456540.00	COVER
1/10.1	NII-5.11.4	THERMO-MECHANICALLY TREATED BARS. (FE 500 D OR MORE)-"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 POS I TION 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."	1				15283.000	KG	58.00	886414.00	
1/11.1	NII-19.1.1	FOUNDATIONS, FOOTINGS, BASES OF COLUMNS, ETC. FOR MASS CONCRETE.-"CENTERING AND SHUTTERING INCLUDING STRUTTING, PROPPING STRETCHIN G ETC. COMPLETE FOR AND REMOVAL OF FORM WORK BY SHEET PLATE OR PLY WOOD SHUTTERING FOR :"	8	500.0	0.60		2400.000	M2	160.00	384000.00	
			4	500.0	0.10		200.000	M2	160.00	32000.00	

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			2	500.0	0.70		700.000	M2	160.00	112000.00	
1/12.1	NII-2.16	FILLING BY AVAILABLE EXCAVATED EARTH (EXCLUDING ROCK) IN TRENCHES, PLINTH, SIDES OF FOUNDATIONS ETC. IN LAYERS NOT EXCEEDING 20CM I N DEPTH, CONSOLIDATING EACH DEPOSITED LAYER BY RAMMING AND WATERING, LEAD UP TO 50 M AND LIFT UPTO 1.5 M."	1				210.000	M3	89.00	18690.00	
1/13.1	NI-1.1(I)	Transportation By Mechanical means including loading, unloading and stacking where ever necessary. Excavated Earth 1km or Part thereof	1				315.000	M3	92.87	29254.05	
1/14.1	NII-2.18.2	CRUSHER STONE DUST-"SUPPLYING AND FILLING IN PLINTH UNDER FLOORS INCLUDING, WATERING, RAMMING CONSOLIDATING AND DRESSING COMPLETE."	2	500.0	0.75	0.10	75.000	M3	687.00	51525.00	
1/15.1	NII-10.2	STRUCTURAL STEEL WORK RIVETED, BOLTED OR WELDED IN BUILT UP SECTIONS, TRUSSES AND FRAMED WORK, INCLUDING CUTTING, HOISTING, FIXING IN POSITION AND APPLYING A PRIMING COAT OF APPROVED STEEL PRIMER ALL COMPLETE:"	5				400.000	KG	69.00	27600.00	CROSS MASS

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SNO	WBS NO	WBS Text	Amount
1	PW1-367-25-031.001	con ccroad&rccdrain near chitranshcolo16	6953566.05
Total PAC			6953566.05

Created by (Sub eng / A.E) and digitally signed by IST: 12:00:00 AM

Forwarded by (CMO / Comm) and digitally signed by IST: 12:00:00 AM

GST 1,251,641.89
Gross 8,205,207.9

TECHNICAL SANCTION AS PER CONDITIONS,VIDE, Notification -

Dated : 2025-07-24

For Construction of : con ccroad&rccdrain near chitranshcolo16

At ward No : 1

Gross Granted for RS : 8205207.94

In Words : EIGHTY TWO LAKH FIVE THOUSAND TWO HUNDRED SEVEN Rupees NINETY FOUR Paise

GST is 18% applicable on this project, Amount - 1251641.89

Checked by :Sub.Eng. / A.E(optional)

Checked by (Sub eng and digitally signed) IST:12:00:00 AM

Checked by A.E and digitally signed IST: - 12:00:00 AM

Note:

Assistant / Executive / Superintendent
 Engineer
 Urban Administration
 &
 Development, Sagar Division

A.E/
 E.E/
 S.E

Megh Tiwari

Digitally signed by Megh Tiwari
 Date: 2025.07.29
 18:43:24 +05'30'



S.E

Scan to Verify TS

Important Note: Valid only after digital signature of CMO/Commissioner and EE