

## Government of Bihar Rural Works Department, Works Division, Saharsa

Head: MUKHYAMANTRI GRAM SAMPARK YOJNA (2020-21)

A. A. Amount : Rs. 107.87 Jac vide letter no 1021 Dated : 07.09.20

Name of Work : Construction of Road from Navhatta

Saharsa Pitch Sarak to Aukahi Dih tola (SC)

Length 1.245 KM

Under Sattar Kataiya Block

Name of Agency : Rajbeer Yadav, Baghour, Mahishi, Saharsa

Agreement No. : Supplementary Agreement of Agreement No.

07 S.B.D/ MMGSY/21-22

Agreement Value : Rs. 3,81,083.00 (Const.)

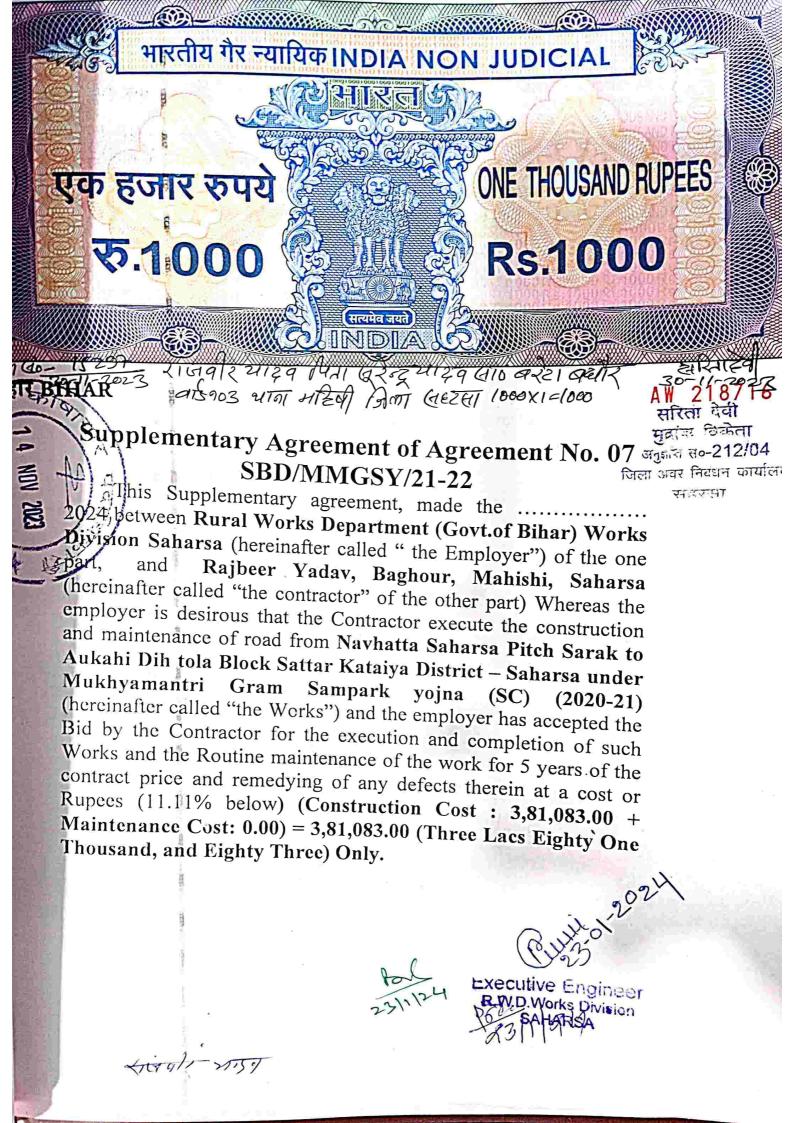
Rs. 0.00 (Maint.)

Total : Rs. 381083.00

Agreement Rate : 11.11 % Below on BOQ rates with all taxes

Executive Engineer
R.W.D. Works Division

~ 10 to 11/19



Revised Bill of Quantity for the work of Navhatta Saharsa Pitch road to Aukahi Dih tola Approved by S.E. RWD Saharsa vide letter no. 973 enc Dated 16.12.22 and Technically approved by CE-2 Patna vide letter no. III-151/22-23 Dated 28.07.22 Rs. 102.866 Lac

Estimated Cost :-

Item	Original Cost (in Lac)	Excess Revised Cost (in Lac)	Total Cost (in Lac)
Const.	100.24101	4.28713	104.52814
Maint.	9.14120	0.00	9.14120
Total	109.38221	4.28713	113.66934

Agreement No.

:- Supplementary Agreement of Agreement No.

07 S.B.D/ MMGSY/21-22

Agreement Amount

Item	Original Cost (in Lac)	Excess Revised Cost (in Lac)	Total Cost (in Lac)
Const.	89.10423	3.81083	92.91506
Maint.	8.12561	0.00	8.12561
Total	97.22984	3.81083	101.04067

Performance Security @ 2% Rs. 7700.00 Required

;--

FD A/c No. 42606475443 Dated 11.01.24 Rs. 8000.00

Total: Rs. 8000.00 Submitted

Rest Performance Security @ 8% to be deducted from contractors bill

Additional Performance Guarantee: Rs21000.00 Required FD A/c No. 42606473387 Dated 11.01.24 Rs. 21000.00

Total: Rs. 21000.00 Submitted

In witness whereof the parties thereto have caused this agreement to be executed the day and year first before written.

and year first before written.

The Common Seal of ...Firm Name .. was hereunto affixed in the presence of:

Signed, Sealed and Delivered by the said

in presence of.

Binding Signature of Employer Executive Engineer, R.W.D Works Division, Saharsa

Binding Signature of Contractor .....

23/1/24

Executive Engineer
RIVID Works Division

21619 (10159

## MOKHYA MANTRI GRAM SAMPARK YOJANA (MMGSY)-SC

Bill of Quant. y (BOQ) Revised

Name of Road :- Navhatta Saharra Pitch Road To Aukahi Dib Tola Length > L415 Ka.

Block - Sattar Katatya

District : Saharya

	District :-	Saharra Saharra					
92 50	Rems	Untr		(Total (Nevised Estimate)			
1	2		(St.)	flate.	Amount Kt		
	Setting Out Pillars: Providing & Fixing of Working benchmark Pillars 01 nos. per km & 04 Nos. of reference pillars required for 1 Km. as per drawings given and direction of E/I				6		
	Benchmark Pillars 01 nos. per km.				_		
	Refrence Allars OH nos. per km.	No	2.000 =	4178.890	#357.78 ×		
	Clearing and Grubbing Road Land	w. No	4.000	1913,970	7655 OH /		
2	Clearing and Grubbing Road Land (By manual means) including upcooring wild vegetation, grass hushes shrubs, saplings and trees of girth upto 300mm, removals of stimps of such trees cut earlier & disposal of unserviceable materials & stacking of serviceable materials to be used or auctioned upto a lead of 1000 m including removal and disposal of top organic soil not exceeding 150mm in thickness as per technical specification - clause 201.1 and direction of E/I (By Manual Means) in area of non-thorny jungle	Hert	0.870	52970.330	46084.19		
3	Box Cutting: Excavation for roadway in soil using manual means for carrying of cut earth to embankment site with a lift up to 1.5 m and lead up to 50 m as per Technical Specification Clause 302.3	Cum	0.000	78.570	0.00		
4	Construction of Roadway Cutting Construction of embankment with approved materials deposited at site from roadway cutting and excavation from drain and foundation of other structures graded and compacted to meet equirement of Tables 300.1 and 300.2 as per Technical Specification Clause 301.5.	Cum	0.000	26,600	0.00		
7	Construction of subgrade and earthen shoulders with approved material obtained from borrow pits with all lifts and leads, transporting to site, spreading, grading to required slope and compacted to meet requirement of Table 300.2 with lead up to 1000 m as per Technical Specification Clause 303.1. (Including Royality & Labour Cess).	Cum	2189.620	192.040 Approved	120404.62		
8	Granular Sub-base with Well Graded Material (Table 400.1): Construction of granular sub-base by providing well graded material, spreading in uniform layers with tractor mounted grader arrangement on prepared surface, mixing by mix in place method with rotavator at OMC, and compacting with smooth wheel roller to achieve the desired density, complete as per Technical Specification Clause 401. (For Grading I Material)	Cum	797,895		Works, Circle, Saharia		
9	WBM Grading 3 :-Providing, laying, spreading and compacting stone aggregates of specific sizes to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with smooth wheel roller 80-100 kM in stages to proper grade and camber, applying and brooming, stone screening to fill-up the interstices of coarse aggregate, watering and compacting to the required density Grading 3 as per Technical Specification Clause 405.	Cum	357.160	3113.400	1112010.52		

Executive Erigineer Rural Work Department Works Division, Saharsa

	Items	Unit	Total (Revised Estimate)		
104	2		Qty.	Rate.	Amount Rs.
1	The state of the s	3 - 101	us est y'4 publics	5	6
17	200 MM Imgation Pipe Providing Slaying of a reinforced coment concrete pipe				
	duct 300mm dia across the road (Now construction), extending from drain to drain in cuts and toe of slope to toe of slope in fills, constructing head wall in both ends, provining a minimum fill of granular material over top and sides RCC pipe as per IRc:981997, bedded on a 0.3 m thick layer of granular material free of rock pieces, outer to outer distance of pipe at least half dia of pipe subject to minimum 450mm in case of double and hiple row ducts, joints to be made leak proof, invert level of duct to be above higher than ground level to prevent entry to water and dirt, all as per IRC:98-1997 and approved drawings.	RM	40.000 /	947.010	37880.40
	Estimate For Dismantling				
16	Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts and lead of 1000 m as per Technical Specification Clause 202.				
	Cement Concrete	Cum	0.750 /	497.810	373.36
12	Panfarced Cement Concrete	Cum	1.680	1128.620 /	1896.08 /
17	Dismantling of existing structures like culverts, bridges, retaining walls and other structures comprising of brick masonry, including disposal of unserviceable material and stacking the serviceable material with all lift and lead of 1000 m as per Technical Specification Clause 202.			1	5840.51
	Cement Morrtar	Cum	24.750 /	235.980 >	9130005.06
				1095600.61	
	1%			91300.05	
	Seignlora			135908.17	
		struction Cost			10452813.89
	2 V381 VVI	Year	1.000	46214.000	46214.00
8	1st Year Maintenance cost	Year	1.000	57406.000	57406.00
9	2nd Year Maintenance cost		1.000	273990.000	273990.00
0	3rd Year Maintenance cost	Year	1.000	98766.000	98766.00
13	4th Year Maintenance cost	Year	1.000	305756.000	305756.00
2	5th Year Maintenance cost	Year			782132.00
		12 % GST			93855.84
					7821.32
6		1% LABOUR CESS			30311.00
	Seigniorage Fee @ 10%				914120.16
	Total Maintenance Cost (Β)  Grand Total (Λ+Β)				

Cyclostruction Cost Rs-10 452814120000 years Maintenance Cost Rs-114120000 BOO approved for Rs. 1,13,66,934.00 (Rupees One cross
Thirteen lacs Sinty Sin thousand Dine hundred &

Approved as Corrected

Mant R.W.D. Works, Circle, Saharsa