



Government of Bihar
Rural Works Department,
Works Division, Saharsa
Head : MMGSY World Bank

A. A. Amount : Rs. 854.372+171.052 lac vide letter no 659 Dated : 19.06.20

Package No. MMGSY-WB-20- Saharsa – 02 (2020-21)

Name of Work : Construction with 5 Years maintainance of
road and Bridge from

(A) Govindpur Chahi to Birjain (Length 7.537km)

(B) HL Bridge in road Govindpur Chahi to Birjain road (Length
93.20m) Under Navhatta Block

Tender ID : 2021_ECBIH_108645_1

Bid ID : 464156

Name of Agency : Mukesh Kumar Jha, Lagma W.No. 11
Sonbarsa, Saharsa

Agreement No. : / MMGSY-WB-20- Saharsa-2 /2021-22

Agreement Value :

Sl.No	Const. Cost	Maint. cost	Total Cost
A.	80551433.00	46927144.00	127478577.00
B.	5822227.00	299026.00	6121253.00
Total :	86373660.00	47226170.00	133590830.00

Agreement Rate : 2.254633 % Below on BOQ rates with all taxes

Date of Commencement : 23.09.21

Time for Completion : 22.03.23 (18 Months)

भारतीय गैर न्यायिक INDIA NON JUDICIAL

एक हजार रुपये

रु.1000

ONE THOUSAND RUPEES

Rs.1000

Agreement

Agreement NO:- 02/MBD/MMGSY-WB/2021-2022

This agreement, made the 22nd Nov. 2021 between Rural Works Department (Govt. of Bihar) Works Division Saharsa (hereinafter called "the Employer") of the one part, and Mukesh Kumar Jha, Lagma, W.No. 11 Sonbarsa, Saharsa (hereinafter called "the contractor" of the other part) Whereas the employer is desirous that the Contractor execute the construction and maintenance of road from (a) Govindpur Chahi to Birjain (b) Construction of HL Bridge at Govindpur Chahi to Birjain in Block Navhatta District – Saharsa Package MMGSY-WB- 20 – Saharsa 02 (2020-21) Tender ID 2021_ECBIH_108645_1 BID ID 464156, (hereinafter called "the Works") and the employer has accepted the Bid by the Contractor for the execution and completion of such Works and the Routine maintenance of the work for 5 years of the contract price and remedying of any defects therein at a cost or Rupees (2.254633% Below) Construction Cost (Road + Bridge) Rs. 12,74,78,577.00 + Maintenance Cost (Road + Bridge) Rs. 61,21,253.00 = 13,35,99,830.00 (Thirteen Crore Thirty Five Lac Ninety Nine thousand Eight hundred Thirty) Only.

22-11-2021

Executive Engineer
Works Division
SAHARSA

Bill of Quantity for the work of (a) Govindpur Chahi to Birjain (b) Construction of HL Bridge at Govindpur Chahi to Birjain Approved by S.E. RWD Saharsa vide letter no. 1025 Dated 31.08.21 and Technically approved by C.E -2 Patna TS No. III-223/20-21 Dated 28.08.20 Rs. 1392.72 Lac

Estimated Cost :-

Sl.No	Const. Cost	Maint. cost	Total Cost
A.	82409464.00	48009584.00	130419048.00
B.	5656525.00	305924.00	6262449.00
Total :	88065989.00	48315508.00	136681497.00

Agreement No. :- / MMGSY (WB-20 Saharsa 02)/ 2021-22

Agreement Amount

Sl.No	Const. Cost	Maint. cost	Total Cost
A.	80551433.00	46927144.00	127478577.00
B.	5822227.00	299026.00	6121253.00
Total :	86373660.00	47226170.00	133590830.00

Performance Security @4% = Rs. 5343993.00 Required

FD No. 198923030000084(Union Bank) Dated : 03.05.21Rs. 2000000.00
 FD No. 198923030000009(Union Bank) Dated : 07.01.21Rs. 200000.00
 FD No. 198923030000010(Union Bank) Dated : 07.01.21Rs. 211000.00
 FD No. 198923030000157(Union Bank) Dated : 22.11.21Rs. 2945000.00

Total : Rs. 5356000.00 Submitted

ESHS Performance Security 1% of Contract Value = 1335998.00 Required

FD No. 198923030000159(Union Bank) Dated : 22.11.21Rs. 1336000.00 Submitted

Additional Performance Guarantee : Rs. 751499.00 Required

FD No. 198923030000158(Union Bank) Dated : 22.11.21Rs. 751500.00

Total : Rs. 751500.00 Submitted

Date of Commencement : 23.09.21 (Vide Lt.No 2135 Dated 23.09.21)

Time of Completion of Work :- 18 Months Up to 22.03.23

Tender Approved vide C.E-2 No. 3530 dated 17.09.21

S.E. No. 826 enc Dated 17.09.21 @2.254633% Below

Schedule rates with all taxes

In witness whereof the parties thereto have caused this agreement to be executed the day 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

MUKESH KR. JHA

MB No:- 2875

Schedule XLV-Form No. 134

21432 Mook's DIVISION

21432 Mook's SUB-DIVISION

21432 Mook's

MEASUREMENT BOOK

MB No:- 2875

MUKESH KR. JHA

MB No:- 2876

Schedule XLV-Form No. 134

RWD Work's DIVISION

34 MA RS A

RWD Work SUB-DIVISION

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MEASUREMENT BOOK

MB No:- 2876

Abstract of cost

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
N/Worker Costly ab Road from Govindpur Chahi to Birjain					
Head :- MMUSY(WB)					
Agency:- Mukesh kr. Jha. Sonbarsa, Saharsa					
Agreement No:-				MMUSY WB-20/Saharsa-2 /2021-22	
Date of start :- 23.09.2021					
Date of completion :- 22.03.2023					
(1) PW & boxing ab work by bench mark pillars / Reference Pillars do do etc.					
(i) Bench Mark Pillars.					
Sy = 08 Nos vide TMSF-①					
@ Rs. 4097.80/m - Rs. 32782.00					
(ii) Reference pillars					
Sy = 30 Nos vide T-①					
@ 1886.30/Nos - Rs. 56589.00					
(2) Clearing & grubbing flood land (By hand) Heard					
Sy = 4.620 Hect vide TMSF ②					
@ Rs. 52970.33/Hect - Rs. 244723.00					
Total = Rs. 334094.00					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
③. Constra of embankment with approved Material up to 100.00 m lead					
Qty = 6861.85 m ³ vide P-25					
@ R. 143.06/m ³ — R. 981656.00					
④. Constra of embankment with approved Material up to 1000.00 m lead					
Qty = 1856.925 m ³ vide P-25					
@ R. 190.07/m ³ — R. 352946.00					
⑤. Constra of Subgrade & earthen shoulders do — E/R.					
Qty = 5235.30 m ³ vide P-26					
@ R. 191.76/m ³ — R. 1003921.00					
⑥. Box Culvert single cell E/R in excavation bas beneath of structured — do E/R.					
Qty = 466.18 m ³ vide P-19					
@ R. 279.09/m ³ — R. 130106.00					
⑦/55 P/R PCC M/S grade					
Qty = 35.95 m ³ vide P-10					
@ R. 5547.84/m ³ — R. 199445.00					

Continuation

Total = Rs 2,00,2168.00

Sch. XLV-Form No. 134 B/F 24.300 2168.00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(8/56) P.W. P.C.C. M20 grade in open bundh					
Qty = 131.84 m ³ vide P-10					
10.80 m ³ vide P-11					
Total 142.63 m ³					
@ R. 6097.95/m ³ R. 869751.					
(9/57) Supplying, fitting & placing HYSD bar reinforcement					
in foundation do - E19.					
Qty = 0.297 MT vide P-11					
@ R. 51297.87/MT R. 15235.00					
(10/58) P.W. M20 grade P.C.C. in substructure					
do - E19.					
Qty = 118.97 m ³ vide P-14					
@ R. 6298.32/m ³ R. 749311.00					
(11/59) P.W. deep holes					
Qty = 160 Nos vide P-13					
@ R. 111.31/Nos R. 17810.00					
(12/60) P.W. P.C.C. M25 grade substructure					
do - E19.					
Qty = 83.70 m ³ vide P-14					
@ R. 6905.51/m ³ R. 577991.00					

Continuation

Total = R. 5232226.00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(13/61) Supplying, fitting & placing M.S.D bar reinforcement (Fe 415) in sub structure do — etg.					
Qty = 6.06 MT vide P-13					
@ Rs. 51443.86/MT Rs. 311750.00					
(14/72) E/W in excavation for foundation of structure — do etg.					
Qty = 436.42 m ³ vide P-13					
@ Rs. 279.09/m ³ Rs. 121800.00					
(15/73) PIV PCC M15 grade in open boundary — do etg.					
Qty = 40.46 m ³ vide P-13					
@ Rs. 5547.84/m ³ Rs. 224465.00					
(16/74) PIV PCC M20 grade in open boundary — do etg.					
Qty = 128.80 m ³ vide P-4					
72.66 m ³					
21.00 m ³ vide P-5					
Total = 149.80 m ³					
Limit = 149.54 m ³					

Continuation
@ Rs. 6077.95/m³ Rs. 911887.00

Total Rs. 6802169.00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(17/75) Supplying, bitting and placing HYSD bar in bowls					
do — Etg.					
Qty = 0.573 MT					
572.66 kg vide P-5					
@ Rs. 51297.87/MT					29394.00
(18/76) Plv Pcc M20 grade in Sub structure					
do — Etg.					
Qty = 113.44 m ³ vide P-9					
@ Rs. 6298.32/m ³ — Rs. 714481.00					
(19/77) Plv weep holes in brick Masonry					
PCC / RCC — do Etg.					
Qty = 160 m ³ vide P-18					
@ Rs. 111.31/m ³ — Rs. 17809.00					
(20/78) Plv RCC M25 grade in Sub structure					
do — Etg.					
Qty = 141.68 m ³ vide P-9					
@ Rs. 6905.57/m ³ — Rs. 978273.00					
(21/79) Supplying, bitting & placing HYSD bar					
Qty = 10.50 MT vide P-8					
@ Rs. 51443.86/MT — Rs. 540161.00					

Continuation

Total = Rs. 9082387.00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(22/94) E/W in excavation bar boundls of structures do ——— E/W.					
Qty = 259.20 m ³ vide P-15 @ Rs. 279.09/m ³ — Rs. 72340.00					
(23/95) P/W PCC M/s grade in open boundls do ——— E/W.					
Qty = 80.73 m ³ vide P-15 @ Rs. 5547.84/m ³ — Rs. 170485.00					
(24/96) P/W PCC M/s grade in open boundls do ——— E/W.					
Qty = 85.00 m ³ vide P-16 15.30 m ³ vide P-17 Total = 100.30 m ³ @ Rs. 6097.95/m ³ — Rs. 611624.00					
(25/97) supplying, fitting & placing M/s D bar reinforcement in boundls do ——— E/W.					
Qty = 0.512 MT vide P-17 @ Rs. 51297.87/MT — Rs. 26264.00					

Continuation

Total = Rs. 9963100.00

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
V98 13117240		B/R fi. 1,	33,	42	415.00
less 2.254633% below					
as per Agreement (-)			300		822.00
			/		
		Total = Rs.	130415	93.00	
Sd/-					
09/03/2022					
JR					
(Signature)					

1st on A/c Bill
Abstract of Cost

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Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
N/Work		Constr of			
		H.L. Bridge in			
		Grounding Chahi			
		to Birjain			
Head		MMBSY (WB)			
Agency :-		Mukesh Kr Jha.			
		Sombansa, Saharsa.			
A. No. :-		MMBSY-WB-20-Saharsa-2/2021-22			
Date of start :-		23.09.2021			
Date of completion :-		22.03.2023			

(1) E/W in excavation bus structure — do — E/W.					
Qty =	243.39 m ³	vide	TMBP (10)		
	243.39 m ³	vide	TMBP (13)		
Total =	486.78 m ³				
	@ R. 305.42/m ³				R. 148672.00
(2) P/W & Laying of PCC M/s grade leveling Course — do — E/W.					
Qty =	10.21 m ³	vide	TMBP (10)		
	10.21 m ³	vide	TMBP (13)		
Total =	20.42 m ³				
	@ R. 6027.22/m ³				R. 123076.00

Continuation

Total = R. 271748.00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(3) PIV RCC M30 grade in pile foundation — do — E/G.					
Qty =	112.91	m ³ vide MBS-13			
	112.91	m ³ vide MBS-17			
Total = 225.82 m ³					
@ R. 6977.70/m ³ = R. 1575704					
(4) PIV Bored Cast in situ M35 grade RCC pile excluding reinforcement — do — E/G.					

Qty =	A ₁ vide P-13	160.00 m ³
	P ₁ vide P-15	132.00 m ³
	A ₂ vide P-7	160.00 m ³
	P ₃ vide P-11	132.00 m ³
Total =	584.00 m ³	
@ R. 16668.35/m ³ = R. 973431		

(5) Supplying & placing HYSD bar reinforcement — do in foundation : — do — E/G.				
Qty =	Vide P-13	A-1 →	17423.05	
	Vide P-15	P ₁ -1 →	10537.06	
	Vide P-16	A-2 →	17423.05	
	Vide P-18	P ₃ -3 →	10537.06	

Continuation

Total = 55920.22 kg

Total R. 11581768.00

Particulars	Details of actual measurement				Contents of area		
	No.	L.	B.	D.			
vide P-12	A ₁	B/F = 55920.22 kg					
		→ 11150.34 kg					
P-16	A ₂	→ 11150.34 kg					
		/					
Total = 78220.90 kg							
= 78.221 MT							
@ R. 56101.32/MT R. 438830							
(6) Plv & Constructing							
temporary earth							
island — do — Etg.							
Qty = 3.00 NS vide P-②							
@ R. 58620.43/NS R. 175861.							

(7) Plv & Constructing					
one span service					
road to island					
— do — Etg.					
Qty = 65.25 m vide P-②					
@ R. 3703.92/m R. 241681.					
(8) Plv & hiring Logo &					
project information					
— do — Etg.					
Qty = 02 NS vide P-②					
@ R. 8684.99/NS R. 17370.00					
Total = 16404981.00					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			B/F = Rs. 164		04981.00
Add	12-1.	62 STH	1-1. L (+) 1.2		132648.00
Add	S.f.		(+) Ps.		53502.00
					/
					Total = Rs. 18591131.00
					Less 2.254633% below as
					per agreement (-) Rs. 419162.00
					/
					Total = Rs. 18171969.00
					Cost of road work = Rs. 13041593.00
					vide MB No-2875, P-34
					/

Grand Total = Rs. 31213562.00

Says Rs. 3,12,13,562.00

For

09/03/2022

R