कार्यपालक अभियंता का कार्यालय
ग्रामीण कार्य विभाग, कार्य प्रमंडल, चकिया, (पूर्वी चम्पारण)।

पत्रांक 1410 अनु0 / चकिया, दिनांक– 18 / 08 / 2023

प्रेषक

कार्यपालक अभियंता,
ग्रामीण कार्य विभाग,
कार्य प्रमंडल, चकिया।

सेवामे,

अपर मुख्य कार्यपालक पदाधिकारी–सह–सचिव,
बिहार ग्रामीण पथ विकास एजेंसी,
ग्रामीण कार्य विभाग, बिहार, पटना।

विषय– विभाग के नई निति रख–रखाव 2018 M.R (3054) योजना के अन्तर्गत निर्माणाधीन कार्य के लिए निधि उपलब्ध कराने के संबंध में।

महाशय,

उपर्युक्त विषय के संबंध में विभाग के नई निति रख–रखाव 2018 M.R (3054) योजना के अन्तर्गत निर्माणाधीन कार्य के लिए पथवार मांगी जाने वाली आवंटन की सूची पत्र के साथ भवदीय के अवलोकनार्थ एवं आवश्यक कार्रवाई हेतु समर्पित की जा रही है।

अतः संलग्न सूची के अनुसार आवंटन उपलब्ध कराने की कृपा की जाय।

अनु0:– 1. आवंटन की सूची।
2. मापी पुस्त की छाया प्रति।

विश्वासभाजन,

कार्यपालक अभियंता
ग्रामीण कार्य विभाग
कार्य प्रमण्डल–चकिया।
18/08/23

ज्ञापांक– 1410 दिनांक– 18-08-2023

प्रतिलिपि–नोडल पदाधिकारी (3054), ग्रामीण कार्य विभाग, बिहार, पटना को सूचनार्थ एवं आवश्यक कार्रवाई हेतु समर्पित।

अनु0:– 1. आवंटन की सूची।
2. मापी पुस्त की छाया प्रति।

कार्यपालक अभियंता
ग्रामीण कार्य विभाग
कार्य प्रमण्डल–चकिया।
18/08/23

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OFFICE OF THE EXECUTIVE ENGINEER,
RURAL WORKS DEPARTMENT, WORKS DIVISION, Chakia.

Requisition Format for Scheme Head- MR(3054) under Bihar Rural Road Maintenance Policy-2018 (Initial Rectification and Surface Renewal)

Name of Works Division : Chakia

Sl No.	Package No.	Name of Road	Project ID as per MIS	Administrative Approval ((AA) Latter No. & Date	Administrative Approval (AA)		Agreement Amount (In Lakh)		Agreement No. & Date	Date of Completion as per Agreement	Actual Date of Completion	Value of IRI (in mm/km)	Thickness of Bitumen layer (In mm)	Value of Bitumen Content in Percentage	Previous Total Alloted Amount (In lakh)	up-to- date expenditure as per MIS (In Lakh)	Requisition against work done. (In Lakh)	Remarks
					Length (In Km)	Amount of (In Lakh)	Initial Rectification with Surface Renewal (In lakh)	5 Years Routine Maintenance (In Lakh)										
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
1	RM/EA/CHA/22/0005	L059-L028 Sahshl Jagiraha to Imaliya (VR19)	31708402027	Latter No.1585 Date- 30.03.2022	3.010	136.60000	106.42576	24.11124	23 MBD/2022-23 Date- 31.12.2022	30.09.2023	23.03.2023	2478	25	05.00	101.05500	100.91889	5.18025	Completed
2	RM/EA/CHA/22/0005	Bradhurpur Pitch Road - Mithanpura	31708202067	Latter No.1585 Date- 30.03.2022	2.850	124.26000	93.41375	26.51462	23 MBD/2022-23 Date- 31.12.2022	30.09.2023	20.03.2023	2615	25	05.00	88.66500	88.66500	4.70842	Completed
															189.72000	189.58389	9.88867	
					5.860	260.86000	199.83951	50.62586										

1 Signed Hard Copy and Soft Copy (in excel) of recorded IRI is enclosed.
2 Up-to-date Physical Progress has been uploaded in MIS.

18/08/2023

Executive Engineer,
Rural Works Department,
Works Division, Chakia.

18/08/23

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Form GER 19-A

(See Government of India's decision (1) bellow Rule - 150)

Form of utilization certificate up to the month up to 08/2023

M.R. (3054) New maintenance Policy-2018.

PIU - RWD , W.D- CHAKIA

SL. NO	Name of Scheme	Sanction No. / Date with Amount (in RS. Lachs)	Amount Received (in RS. Lacks)	particulars
1	M.R. (3054) New maintenance Policy-2018	9756.63439	9756.63439	Certified that out of Rs.9756.63439 Lacs Receive upto the year.2023-24 executive engineer RWD, (W) DIV, chakia a sum of RS.9670.19920 Lacs has been utilized for the perpose of M.R. (3054) New maintenance Policy-2018 'CFMS' Schemes given in the margin for which it was sanctioned and that the balance of Rs.85.71519 lacks remaining unutilized at this end of the (up to 08/2023)

2. Certificate that I have satisfied myself that the conditions on which the grand's-in-aid was sanctioned have been duly fulfilled/ate being fulfilled and that have exercised the following checks to see that the money was actually utilized for the purpose for which it was sanctioned kinds of cheks exercised:-

a. Works have been supervised by Executive Engineer/ Superintending Engineer.
b. Periodical inspection has been conducted by Executive Engineer/ Superintending Engineer.
c. Construction materials have been tested.
d. Measurements have been recorded in the MBs and test check conducted by the Assistant.

3. Physical Progress achieved :-

e. Construction of M.R. (3054) New maintenance Policy-2018 (Details in Progress report)
f. Construction of Road Works. (.....Do.....)

18/8/2023

EXECUTIVE ENGINEER,
RURAL WORKS DEPARTMENT
WORKS DIVISION- CHAKIA.

18/08/23

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3rd & final Bill

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of Work - Construction of road & C.D. works from LOSG 2028 Sahsi Jagirahe to Imaliya (VR-19) under MR-3054					
Agency - Dhirendra Construction Pvt Ltd. At. 318, Shri Krishna Nagar Motihari, East Champaran					
Agr. No. - 23 W BD/2022-2348 Sl.Pf. W.O. Letter no. 1301 dt. 27.03.2023 Date of Work Order - 31.12.2022					
Contract date of Completion 30.09.2023					
Actual date of Completion 23.03.2023					
Further measurement					Nil
All Qty. vide 2nd bill					
Abstract of cost					
① Clearing & grubbing road land					
Qty. vide T.M. B.P. 32					
0.602 Ha. @ Rs.	59726.13/Ha			Rs	35955=.

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(2) Construction of Sub grade & earthen shoulders					
Qty vide T.M. B.P. 32					
1259.80 m^3 @ Rs 254.04/m^3				Rs	320060=
(3) Construction of GSB Gr. II					
Qty. vide T.M. B P. 32					
71.75 m^3 @ Rs 2594.18/m^3				Rs.	186132=
(4) Providing, laying, spreading & compacting WBM Gr. II					
Qty. vide T.M. B P. 32					
66.92 m^3 @ Rs 5049.64/m^3				Rs	337922=
(5) Providing, laying, spreading & compacting WBM Gr III					
Qty. vide T.M. B P. 32					
139.78 m^3 @ Rs 4859.47/m^3				Rs	679257=
(6) Providing & applying Prime Coat (SS-1)					
Qty. vide T.M. B P. 32					
1829.678 m^2 @ Rs 59.13/m^2				Rs	108262=
(7) Providing, laying & rolling of close graded Pre mix					
Qty vide T.M. B P 33					
1829.678 m^2 @ Rs 251.56/m^2				Rs	460274=
(8) Providing & applying tack Coat (RS-1)					
Qty. vide T.M. B.P. 33					
10976.49 m^2 @ Rs 20.14/m^2				Rs.	221067=

Continuation

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Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(9) Providing & laying Semi dense bituminous Concrete					
Qty. vide T.M. B P. 33					
228.67 m^3 @ Rs	1362	9.40/m^3		Rs	3,16,034=,
(10) Construction of un-reinforced P.C.C. pavement					
Qty. vide T.M. B P. 33					
360.36 m^3 @ Rs	8356	.99/m^3		Rs	30,11,381=,
(11) Earth work in excavation for structure					
Qty. vide T.M. B P. 33					
56.00 m^3 @ Rs	336	.86/m^3		Rs	18,864=,
(12) Providing P.C.C. M10 in open foundation					
Qty. vide T.M. B P. 33					
5.34 m^3 @ Rs	7603	.74/m^3		Rs	40604=,
(13) Providing P.C.C. M15 in open foundation					
Qty. vide T.M. B P. 33					
49.02 m^3 @ Rs	7199	.98/m^3		Rs	3,52923=,
(14) Providing & laying R.C.C. Pipe 1000 mm dia NP3					
Qty. vide T.M. B P. 34					
15.00 m. @ Rs	7246	.43/m		Rs	1,08,696=,
(15) Providing P.C.C. M20 in open foundation					

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Qty. vide T. ms. B. P. 34					
5.22 m^3 @ Rs	7863.03/m^3			Rs	41045=-
(16) Back filling behind abutment etc.					
Qty. vide T. ms. B. P. 34					
66.76 m^3 @ Rs.	851.92/m^3			Rs	56854=-
(17) Brick masonry work in c.m. (1:3) in Parapet					
Qty. vide T. ms. B P. 34					
5.96 m^3 @ Rs.	6569.12/m^3			Rs	39152=-
(18) Plastering with c.m. (1:4)					
Qty vide T. ms. B. P. 34					
86.56 m^2 @	Rs 209.64/m^2			Rs	18146=-
(19) Guide Post					
Qty. vide T. ms. B. P. 34					
16 Nos @ Rs	620.43 each			Rs	9927=-
(20) Painting two coats					
Qty. vide T. ms B P. 34					
20.16 m^2 @	Rs 114.73/m^2			Rs	2313=-
(21) R.C.C. M15 gr. kilometre Stone					
Qty. vide T. ms B P. 35					
4 Nos @ Rs.	2968.18 each			Rs	11873=-
(22) 200 ms Stone					
Qty. vide T. M. B P. 35					
12 Nos @ Rs	824.03 each			Rs	9888=-
(23) 600 mm. long lat chap					

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
& triangle					
Qnty. vide T.M. B. P. 35					
8 Nos @ Rs 4255.74 each					Rs 34046=
(24) 600 mm. circular					
Qnty. vide T.M. B P. 35					
4 Nos @ Rs 5520.33 each					Rs 22081=
(25) 600×450 mm rectangular					
Qnty. vide T.M. B P. 35					
2 Nos. @ Rs 5390.88 each					Rs 10782=
(26) R.C.C. M15 gr. boundary					
Pillars					
Qnty. vide T.M. B. P. 35					
15 Nos @ Rs 620.43 each					Rs 9306=
(27) Planting of trees by the					
road side					
Qnty. vide T.M. B. P. 35					
60 Nos @ Rs 1078.33 each					Rs 64760=
(28) Providing & laying hot applied thermoplastic					
Qnty. vide T.M. B P. 36					
483.00 m^2 @ Rs 823.74 / m^2					Rs 397866=
(29) Providing & applying hot					
applied thermoplastic					
Qnty. vide T.M. B P. 36					
119.00 m^2 @ Rs 916.81 / m^2					Rs 109100=
(30) Providing & fixing of MS GSY					
cut out metal Sign Board					

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Only lid of T.M. B.P. 36					
3 Nos @ Rs	12735.96 each			Rs	38,208=
	Total			Rs 98	72798=
Add 1% Labour cess			(+)	Rs	98728=
Add 18% GST			(+)	Rs 17	77104=
Add S.fee			(+)	Rs.	88167=
		Total		Rs 118	36797=
Less 10.25% Below			(-)	Rs 12	13272=
				Rs 106	23525=
Less Previous Payment			(-)	Rs 100	91889=
Payable amount				Rs 5	31636=
10-8-23 JE	10/08/23 AE				

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अधीक्षण अभियंता का कार्यालय
ग्रामीण कार्य विभाग, कार्य अंचल मोतिहारी, पूर्वी चम्पारण।

पत्रांकः 807 (अनु०) दिनांकः– 20/07/2023

प्रेषक

अधीक्षण अभियन्ता
ग्रामीण कार्य विभाग
कार्य अंचल, मोतिहारी।

सेवा में,

कार्यपालक अभियंता,
ग्रामीण कार्य विभाग,
कार्य प्रमंडल, चकिया।

विषय– ग्रामीण कार्य विभाग, कार्य प्रमंडल, चकिया के अधीन शीर्ष MR (3054) नई अनुरक्षण नीति–2018 के अन्तर्गत जी0एस0टी0 दर 12 प्रतिशत से 18 प्रतिशत होने के कारण अद्यतन पुनरीक्षित परिमाण विपत्र अनुमोदनोपरान्त वापस करने के संबंध में।

प्रसंग– आपका पत्रांक–1062, दिनांक–23.06.2023

महाशय,

उपरोक्त विषयक प्रासंगिक पत्र द्वारा प्राप्त ग्रामीण कार्य विभाग, कार्य प्रमंडल, चकिया के अधीन शीर्ष MR (3054) नई अनुरक्षण नीति–2018 के अन्तर्गत जी0एस0टी0 दर 12 प्रतिशत से 18 प्रतिशत होने के कारण अद्यतन पुनरीक्षित परिमाण विपत्र अनुमोदनोपरान्त वापस किया जाता है।

क्र.सं.	पथ का नाम / पैकेज संख्या	पुनरीक्षित परिमाण विपत्र की राशि (रू0 में)
1.	RM/EA/CHA/22/0004	25046537.00
2.	RM/EA/CHA/22/0005	70484766.00

अनु–यथोंक्त।

विश्वासभाजन,

17-07-2023

अधीक्षण अभियन्ता
ग्रामीण कार्य विभाग,
कार्य अंचल, मोतिहारी।

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Revised Abstract of BOQ for Package No.- RM/EA/CHA/22/0005
Rural Works Department, Works Division, Chakia.

A/A

Sl. No.	Name of Road	Block	Length (K.M)	Cost of BOQ on 12 % (In Rs.)		Total Cost of on 12 % (In Rs)	Cost of BOQ on 18 % (In Rs.)		Total Cost of on 18 % (In Rs)
				Cost.	Maint.		Cost.	Maint.	
1	2	3	4	5	6	7	8	9	10
136.60 1	L059-L028 SAHSHI JAGIRAHA TO IMALIYA (VR19)	Chakia	3.010	10110736	2289785	12400521	10642576	2411124	13063699 13053700
124.26 2	Bradhurpur Pitch Road To Mithanpura	Mehsi	2.850	8874911	2518046	11392958	9341375	2651462	11992837
			5.860	18985647	4807831	23793479	19983951	5062586	25046537

Executive Engineer
Rural Works Department
Works Division, Chakia.

Revised B.O.Q. (Due to increase in GST from 12% to 18%) is approved for Rs. 25046537.00 (Rupees Two crore - fifty lakhs forty six thousand - five hundred thirty seven) only. for further action follow the instructions as per letter No. 761 dt 23.3.2023.

Superintending Engineer
Rural Works Department
Works Circle, Motihari.

17.7.2023

Superintending Engineer
Rural Works Department
Works Circle, Motihari

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COMPARATIVE STATEMENT OF REVISED BOQ

Name of Road:-L059-L028 SAHSHI JAGIRAHA TO IMALIYA (VR19)

PACKAGE NO.-RM/EA/CHA/22/0005

Block :- Chakia, District :- East Champaran

Length of the Road :- 3.010 K.M

Sl. No.	Item Description	As Per Sanctioned Estimate / BOQ on 12 % GST				As Per Sanctioned Estimate / BOQ on 18 % GST			Difference		% (+/-) Amount	Remarks
		Units	Quantity	Estimated Rate	Total Amount Without Taxes	Quantity	Estimated Rate	Total Amount Without Taxes	Quantity	Amount		
1	2	3	4	5	6	7	8	9	10	11	12	13
	L059-L028 SAHSHI JAGIRAHA TO IMALIYA (VR19)											
1	Clearing and grubbing road land including uprooting wild vegetation, grass, bushes, shrubs, saplings and trees of girth upto 300 mm, removal of stumps of such trees cut earlier and disposal of unserviceable materials and stacking of serviceable material to be used or auctioned, upto a lead of 1000 m including removal and disposal of top organic soil not exceeding 150 mm in thickness as per Technical Specification Clause 201.	Ha	0.602	59726.130	35955.13026	0.602	59726.130	35955.13026	0.00	0.00	0.00%	
2	Consturcion of subgrade and earthen shoulders with approved material obtained from borrow pits with all lifts and leads, transproting to site, spreading, grading to required slope and compacted to meet requirement of Table 300.2 with lead upt 1000m as per Technical Specification clause	Cum	1264.200	254.040	321157.368	1264.200	254.040	321157.368	0.00	0.00	0.00%	
3	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. (By mix in place method) For Grading II Material	Cum	71.770	2594.180	186184.2986	71.770	2594.180	186184.2986	0.00	0.00	0.00%	
4	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 kN 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. WBM Grading 2 (By Mechanical Means)	Cum	66.920	5049.640	337921.9088	66.920	5049.640	337921.9088	0.00	0.00	0.00%	
5	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 kN 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. WBM Grading 3 (By Mechanical Means)	cum	139.780	4859.470	679256.7166	139.780	4859.470	679256.7166	0.00	0.00	0.00%	

APPROVED

Superintending Engineer
Rural Works Department
Works Circle Motihari

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6	Providing and applying primer coat with Bitumen emulsion (SS-1) on prepared surface of granular base including cleaning of road surface and spraying primer at the rate of 0.70- 1.0 kg/sqm using mechanical means as per Technical Specification Clause 502.	Sqm	1829.678	59.170	108262.0473	1829.678	59.170	108262.0473	0.00	0.00	0.00%	
7	Providing and applying tack coat with bitumen emulsion using emulsion pressure distributor at the rate of 0.25 to 0.30 kg per sqm on the prepared granular surface tretaed with Primer and clened with hydriloc broom as per technical specification aclouse 503.	Sqm	10976.491	20.140	221066.5287	10976.491	20.140	221066.5287	0.00	0.00	0.00%	
8	Providing, laying and rolling of close-graded premix surfacing material of 20 mm thickness composed of 11.2 mm to 0.9 mm (Type-A) or 13.2 mm to 0.9 mm (Type B) aggregates using penetration grade bitumen to required line, grade and level to serve as wearing course on a previously prepared base, including mixing in a suitable plant, laying and rolling with a three wheel 8-10 kN static roller and finishing to required level and grades as per Technical Specification Clause 509	Sqm	1829.678	251.560	460273.7977	1829.678	251.560	460273.7977	0.00	0.00	0.00%	
9	Providing and laying semi dense bituminous concrete with 100-120 TPH batch type HMP producing an average output of 75 tonnes per hour using crushed aggregates of specified grading, premixed with bituminous binder @ 4.5 to 5 per cent of mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MoRTH specification clause No. 508 complete in all respects.	cum	228.670	13629.400	3116634.898	228.670	13629.400	3116634.898	0.00	0.00	0.00%	
10	Construction of un-reinforcedplain cement thickness as perdesign , over a prepared sub base with 43 grade cement or any other type as per clause 1501.2.2 M 30 grade coarse and fine aggregate maximum size of aggregate not exceding 25mm , mixed in a concrete of not less than 0.2cum capacity and appropriate weigh batcher using approved mix design ,laid in approved fixed side formwork (steel channel ,laying and fixing of 125 micron thick plythene film ,wedges ,steel plates including levelling the formwork as per drawing) spreading the concrete with shovels , rakes , compacted using needle, screed and plate vibrators and finished in continuous operation including provision of contraction and expansion , constrution joints ,applying debonding strips , primer , sealant , dowel bars , near approaches to bridge/ culvert and construction joints, admixtures as approved , curing of concrete slab for 14 days curing compound (where specified) and water finishing to lines and grade as per drawing and Technical specification clause 1501.	Cum	360.570	8356.590	3013135.656	360.570	8356.590	3013135.656	0.00	0.00	0.00%	
11	Reinforced cement concrete M15 grade kilometre local stone of standard design asper IRC:8 fixing in position including painting and printing , etc as per drawing and technical specification clause 1703. ii) Km stone	No.	4.000	2968.180	11872.72	4.000	2968.180	11872.72	0.00	0.00	0.00%	

Approved

Superintending Engineer
Rural Works Department
Works Circle, Motihari

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12	...ced cement concrete M15 grade kilometre local stone of standard design asper IRC:8 fixing in position including painting and printing , etc as per drawing and technical specification clause 1703. iii) 200 m stone	No.	12.000	824.030	9888.36	12.000	824.030	9888.36	0.00	0.00	0.00%	
13	Providing and fixing of retro-reflectorised cautionary, mandatory and informatory sign as per IRC:67 made of encapsulated lens type reflective sheeting vide Clause 1701.2.3 fixed over aluminium sheeting, 1.5 mm thick supported on a mild steel angle iron post 75 mm x 75 mm x 6 mm firmly fixed to the ground by means of properly designed foundation with M15 grade cement concrete 450 mm x 450 mm x 600 mm, 600 mm below ground level as per drawings and Technical Specification Clause 801 **i) 600 mm equilateral & triangle,**	Nos	8.000	4255.740	34045.92	8.000	4255.740	34045.92	0.00	0.00	0.00%	
14	Providing and fixing of retro-reflectorised cautionary, mandatory and informatory sign as per IRC:67 made of encapsulated lens type reflective sheeting vide Clause 1701.2.3 fixed over aluminium sheeting, 1.5 mm thick supported on a mild steel angle iron post 75 mm x 75 mm x 6 mm firmly fixed to the ground by means of properly designed foundation with M15 grade cement concrete 450 mm x 450 mm x 600 mm, 600 mm below ground level as per drawings and Technical Specification Clause 801 **ii) 600 mm circular**	Nos	4.000	5520.330	22081.32	4.000	5520.330	22081.32	0.00	0.00	0.00%	
15	Providing and fixing of retro-reflectorised cautionary, mandatory and informatory sign as per IRC:67 made of encapsulated lens type reflective sheeting vide Clause 1701.2.3 fixed over aluminium sheeting, 1.5 mm thick supported on a mild steel angle iron post 75 mm x 75 mm x 6 mm firmly fixed to the ground by means of properly designed foundation with M15 grade cement concrete 450 mm x 450 mm x 600 mm, 600 mm below ground level as per drawings and Technical Specification Clause 801 **iii) 600 mm x 450 mm rectangular,**	Nos	2.000	5390.880	10781.76	2.000	5390.880	10781.76	0.00	0.00	0.00%	
16	Reinforced cement concrete M15 grade boundary pillars/local stone of standard design as per IRC:25, fixed in position including finishing and lettering but excluding painting as per drawing and Technical Specification Clause 1704	Nos	15.000	620.430	9306.45	15.000	620.430	9306.45	0.00	0.00	0.00%	
17	Planting of trees by the road side (Avenue trees) in 0.60 m dia holes, 1 m deep dug in the ground, mixing the soil with decayed farm yard/sludge manure, planting the saplings, backfilling the trench, watering, fixing the tree guard and maintaining the plants for one	Each	60.000	1079.330	64759.8	60.000	1079.330	64759.8	0.00	0.00	0.00%	
18	Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads @ 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35 .The finished surface to be level, uniform and free from streaks and holes. **At Edge for BT Portion**	Sqm	483.000	823.740	397866.42	483.000	823.740	397866.42	0.00	0.00	0.00%	

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19	Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectonsing glass beads @ 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35 .The finished surface to be level, uniform and free from streaks and holes. At Edge for CC Portion	Sqm	119.000	916.810	109100.39	119.000	916.810	109100.39	0.00	0.00	0.00%	
20	Providing and fixing of typical MMGSY informatory sign board with Logo as per MORD specifications and drawing. Three MS Plates of 1.6 mm thick, top and middle plate duly welded with MS flat iron 25mm x 5m size on back on edges. The lower plate will be welded with MS angle iron frame of 25mm x 25mm x 5mm. The angle iron frame of the lower most plate and flat iron frame of middle plate will be welded to 2 nos. 75mm x 75 mm of 12 SWG sheet tubes posts duly embedded in cement concrete M-15 grade blocks of 450mm x 450mm x 600mm, 600mm below ground level. The top most diamond plate will be welded to middle plate by 47mm x 47mm of 12 SWG steel plate tube. All M.S. will be stove enameled on both sides. Lettering and printing arrows, border etc. will be painted with ready mixed synthetic enamel paint of superior quality in required shade and colour. All sections of framed posts and steel tube will be painted with primer and two coats of epoxy paint as per drawing Clause 1701 and Annexure 1700.1	No.	3.000	12735.960	38207.88	3.000	12735.960	38207.88	0.00	0.00	0.00%	
21	Earthwork in excavation for structures as per drawing and technical specifications Clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and disposal upto a lead of 50 m, dressing of sides and bottom and backfilling in trenches with excavated suitable material	Cum	56.000	336.860	18864.16	56.000	336.860	18864.16	0.00	0.00	0.00%	Approved
22	Providing concrete for plain/reinforced concrete (M-10) in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203	Cum	5.340	7603.740	40603.9716	5.340	7603.740	40603.9716	0.00	0.00	0.00%	
23	Providing concrete for plain/reinforced concrete in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203 PCC M15	Cum	49.020	7199.580	352923.4116	49.020	7199.580	352923.4116	0.00	0.00	0.00%	
24	Providing and Laying Reinforced Cement Concrete Pipe NP3 1000 mm dia as per design in Single Row	M	15.000	7246.430	108696.45	15.000	7246.430	108696.45	0.00	0.00	0.00%	
25	Providing concrete for plain/reinforced concrete (M-20 Nominal mix 1:2:4) in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203 Bed Portion	Cum	5.220	7863.030	41045.0166	5.220	7863.030	41045.0166	0.00	0.00	0.00%	Superintending Engineer Rural Works Department Works Circle, Motihari
26	Backfilling behind abutment, wing wall and return wall complete as per drawings & technical specification Clause 1204.3.8	Cum	66.780	851.920	56891.2176	66.780	851.920	56891.2176	0.00	0.00	0.00%	
27	Guide Post	No	16.000	620.430	9926.88	16.000	620.430	9926.88	0.00	0.00	0.00%	
28	Brick masonry work in cement mortar 1:3 in parapet excluding pointing and plastering as per drawing and technical specifications Clauses 600, 900 and 1208.4Brick Masonary in c.m. (1:3) in parapet	cum	5.960	6569.120	39151.9552	5.960	6569.120	39151.9552	0.00	0.00	0.00%	

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29	...astering with cement mortar (1:4), 15 mm thick on brickwork in substructure as per technical specification Clauses 613.4 & 1204Plastring with cement mortar (1:4)	sqm	86.560	209.640	18146.4384	86.560	209.640	18146.4384	0.00	0.00	0.00%	
30	Painting two coats including primer coat after filling the surface with synthetic enamel paint in all shades on new plasted / concrete surface as per drawing and technical specification clause 1701	sqm	20.160	114.730	2312.9568	20.160	114.730	2312.9568	0.00	0.00	0.00%	
	Total Construction Amount Excluding All Taxes				**9876321.828**			**9876321.828**	0.00	0.00	0.00%	
	GST @ 12% / 18% on Total Construction Cost				1185158.619			1777737.929	0.00	**592579.31**	**50.00%**	
	Labour Cess @ 1% on Total Construction Cost				98763.218			98763.218	0.00	0.00	0.00%	
	Add Seigniorage Fee :				105200.000			105200.000	0.00	0.00	0.00%	
	Total Construction Amount Including All Taxes				**11265443.67**			**11858022.98**	0.00	**592579.31**	**5.26%**	
	Less 10.25% Below as Per Agreement (-)				1154707.976			1215447.355	0.00	0.00	0.00%	
A	**Total Construction Cost**				**10110735.69**			**10642575.62**	0.00	0.00	0.00%	
	1st year Maintainance Cost	Year	1.000	103416.00	103416.00	1.000	103416.00	103416.00	0.00	0.00	0.00%	
	2nd year Maintainance Cost	Year	1.000	209544.00	209544.00	1.000	209544.00	209544.00	0.00	0.00	0.00%	
	3rd year Maintainance Cost	Year	1.000	764249.00	764249.00	1.000	764249.00	764249.00	0.00	0.00	0.00%	
	4th year Maintainance Cost	Year	1.000	307285.00	307285.00	1.000	307285.00	307285.00	0.00	0.00	0.00%	
	5th year Maintainance Cost	Year	1.000	868774.00	868774.00	1.000	868774.00	868774.00	0.00	0.00	0.00%	
	Total Maintainance Amount Excluding All Taxes				**2253268.00**			**2253268.00**	0.00	0.00	0.00%	
	GST @ 12% / 18% on Total Maintainance Cost				270392.16			405588.24	0.00	**135196.08**	**50.00%**	
	Labour Cess @ 1% on Total Maintainance Cost				22532.68			22532.68	0.00	0.00	0.00%	
	Add Seigniorage Fee :				5100.00			5100.00	0.00	0.00	0.00%	
	Total Maintainance Amount Including All Taxes				**2551292.84**			**2686488.92**	0.00	**135196.08**	**5.30%**	
	Less 10.25% Below as Per Agreement (-)				261507.5161			275365.1143	0.00	0.00	0.00%	
B	**Total Maintainance Cost**				**2289785.32**			**2411123.81**	0.00	0.00	0.00%	
	COST OF PROJECT IN Rs. (A+B) =				**12400521.01**			**13053699.43**	0.00	**653178.41**	5.28%	

Superintending Engineer
Rural Works Department
Works Circle, Motihari

कार्यपालक अभियंता
ग्रामीण कार्य विभाग
कार्य प्रमंडल, चकिया

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