

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

पत्रांक: 1409/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 प्रमंडल-चकिया।

ज्ञापांक-1409 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 प्रमंडल-चकिया।

**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

Name of Works Division : Chakia																		
Sl No.	Package No.	Name of Road	Project ID as per MIS	Administrative Approval (IAA) Letter 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 Allotted 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/22/0004	Kollabelwa - Piprahham	31708202095	Latter No.1585 Date- 30.03.2022	6.795	321.18000	252.98048	71.94156	20MBD/2022-23 Date- 18.11.2022	17.08.2023	02.02.2023	2324	25	05.00	240.18500	239.40900	11.81190	Completed
2	RM/EA/CHA/22/0004	Rampur Gopal via House of manoj Kuishwaha	31708413007	Latter No.1549 Date- 29.03.2022	3.635	184.46000	168.31199	28.58822	20MBD/2022-23 Date- 18.11.2022	17.08.2023	02.02.2023	2667	25	05.00	159.71500	158.02652	6.65035	Completed
3	RM/EA/CHA/22/0004	Sitalpur PWD Road to Sitalpur Gramin Road Tak	317841894229	Latter No.1549 Date- 29.03.2022	3.337	179.79000	162.08584	30.93957	20MBD/2022-23 Date- 18.11.2022	17.08.2023	07.02.2023	2476	25	05.00	144.27500	144.27500	7.99436	Completed
					13.767	685.43000	573.37831	131.46935							544.17500	541.71052	26.45661	

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.

[Signature]
EXECUTIVE ENGINEER,
RURAL WORKS DEPARTMENT
WORKS DIVISION-CHAKIA
15/12/2023

Form GER 19-A
(See Government of India's decision (1) below 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. Lacks)	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:-

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

3. Physical Progress achieved :-

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

EXECUTIVE ENGINEER,
RURAL WORKS DEPARTMENT
WORKS DIVISION-CHAKIA.

18/08/23

3rd & final bill

47

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of work - Constr -					
Chen of road & C.D. works					
from Am GSY Pale to					
Rampin Gopal Nathane					
of Maraj Kuskwaha					
Under MR-3054					
Agency - Directorate con -					
struction Pvt. Ltd.					
Ag. No. - 20 MSB/2022 &					
Supl. Agr.					
Date of work order - 18.11.2022					
Contract date of completion					
17.08.2023					
Actual date of completion					
02.02.2023					
Further measurement Nil					
All Enhy. wks 2nd bill					
Abstract of cost					
① cleaning & grubbing					
road land					
Qty. vide T. & B. P. 3)					
0.727 Ha. @ Rs. 59726.13					43421.0
② Construction of Subgrade					

Continuation



Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
2 earthen Shoulders					
Qty. vide T. M. B. P. 38					
1525.70 m ² @ Rs. 254.04/m ²					3,87,589/-
3) Construction of 872 m ² -					
for Sub base Gr. II					
Qty. vide T. M. B. P. 38					
63.11 m ³ @ Rs. 2450.13/m ³					1,54,628/-
4) Providing, laying, Spreading					
& Compacting WBS in Gr. II					
Qty. vide T. M. B. P. 38					
70.95 m ³ @ Rs. 4752.83/m ³					3,37,213/-
5) Providing, laying, Spreading					
& Compacting WBS in Gr. III					
Qty. vide T. M. B. P. 38					
109.40 m ³ @ Rs. 4595.07/m ³					5,02,701/-
6) Providing & applying Primer					
coat with emulsion (SS-1)					
Qty. vide T. M. B. P. 38					
1318.21 m ² @ Rs. 59.10/m ²					77,906/-
7) Providing & applying Jack					
coat with emulsion (RS-1)					
Qty. vide T. M. B. P. 38					
7877.58 m ² @ Rs. 20.12/m ²					1,98,737/-
8) Providing, laying & rolling					
of Premix close graded					
Qty. vide T. M. B. P. 38					
1318.21 m ² @ Rs. 246.34/m ²					3,24,728/-

Continuation



Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
⑨ Providing & laying of Sand clauze bituminous Concrete					
Qty. vide T. M. B. P. 39					
213.985 m ³ @ Rs. 13347.18/m ³					Rs. 28,56,096=
⑩ Construction of 1st main forced P.C.C. Pavement					
Qty. vide T. M. B. P. 39					
212.08 m ³ @ Rs. 8096.97/m ³					Rs. 17,17,205=
⑪ Construction of Panel Concrete Pavement					
Qty. vide T. M. B. P. 39					
388.22 m ³ @ Rs. 8735.56/m ³					Rs. 33,91,319=
⑫ Providing & fixing of M.G.S. insulating & mainte- nance board					
Qty. vide T. M. B. P. 39					
3 Nos. @ Rs. 12675.71 each					Rs. 38027=
⑬ Earth work in excava- tion for Structure					
Qty. vide T. M. B. P. 39					
243.61 m ³ @ Rs. 336.86/m ³					Rs. 82062=
⑭ Brick Flat Soling in foundation					
Qty. vide T. M. B. P. 39					
78.37 m ² @ Rs. 31832/m ²					Rs. 24947=
⑮ Providing P.C.C. M10 in					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Open foundation					
Qty. Vido T. m. B. P. 40					
39.60 m ³ @ Rs. 7336.62/m ³					R ₃ 2,86,128=
(16) Brick masonry work					
- in c.m. in foundation					
Qty. Vido T. m. B. P. 40					
140.95 m ³ @ Rs. 6309.15/m ³					R ₃ 8,89,275=
(17) Brick masonry work					
- in c.m. in Sub Structure					
Qty. Vido T. m. B. P. 40					
154.82 m ³ @ Rs. 6580.94/m ³					R ₃ 10,18,861=
(18) R.C.C. m-20 in Sub					
Structure					
Qty. Vido T. m. B. P. 40					
10.50 m ³ @ Rs. 7880.88/m ³					R ₃ 82,749=
(19) Providing R.C.C. m-25 in					
deek Slab					
Qty. Vido T. m. B. P. 40					
21.77 m ³ @ Rs. 8894.37/m ³					R ₃ 1,93,630=
(20) Supplying, fitting & Placing					
HYSD Bar for Cement					
Qty. Vido T. m. B. P. 40					
3.489 m.T. @ Rs. 87956.91/m.T.					R ₃ 3,06,882=
(21) Back filling behind					
abutment etc.					
Qty. Vido T. m. B. P. 40					
39.99 m ³ @ Rs. 851.92/m ³					R ₃ 34,068=
(22) Providing Weep holes					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Qty. Vide T.M.B. P. 41					
70 Nos. @ Rs. 14.2.25 each				Rs	9959=
(23) Drainage Spout					
Qty. Vide T.M.B. P. 41					
2 Nos. @ Rs. 540.01 each				Rs	1080=
(24) Neat Cement Plumping					
Qty. Vide T.M.B. P. 41					
24.32 m ² @ Rs. 27.90/m ²				Rs	679=
(25) P.C.C. in 20 cm Wearing Coat					
Qty. Vide T.M.B. P. 41					
3.60 m ³ @ Rs. 7880.58/m ³				Rs	28371=
(26) Brick masonry work in C.M. (1:3) in Parapet					
Qty. Vide T.M.B. P. 41					
10.96 m ³ @ Rs. 6524.12/m ³				Rs	71504=
(27) Plastering with C.M. (1:4)					
Qty. Vide T.M.B. P. 41					
211.82 m ² @ Rs. 205.39/m ²				Rs	43506=
(28) Painting two coats					
Qty. Vide T.M.B. P. 41					
40.32 m ² @ Rs. 114.73/m ²				Rs	4626=
(29) R.C.C. in 5 gr. 100 mm Stone					
Qty. Vide T.M.B. P. 41					
4 Nos. @ Rs. 2903.63 each				Rs	11615=
(30) R.C.C. in 5 gr. 300 mm Stone					
Qty. Vide T.M.B. P. 42					
15 Nos. @ Rs. 812.42 each				Rs	12186=

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(31) 600 mm equilateral triangle					
Qty. vide T. M. B. P. 42					
10 Nos. @ Rs. 4225.61 each					Rs. 422562
(32) 600 mm. Circles					
Qty. vide T. M. B. P. 42					
4 Nos. @ Rs. 5490.20 each					Rs. 219612
(33) 600 x 450 mm. rectangles					
Qty. vide T. M. B. P. 42					
4 Nos. @ Rs. 5360.75 each					Rs. 214432
(34) R. C. C. m/s gr. boundary Pillars					
Qty. vide T. M. B. P. 42					
15 Nos. @ Rs. 615.19 each					Rs. 92282
(35) Planting of trees by the road side					
Qty. vide T. M. B. P. 42					
50 Nos. @ Rs. 1059.33 each					Rs. 539672
(36) Road marking with hot applied thermoplastics compound					
Qty. vide T. M. B. P. 42					
452.60 m ² @ Rs. 823.74/m ²					Rs. 3723302
(37) Road marking with hot applied thermoplastic compound					
Qty. vide T. M. B. P. 43					
275.60 m ² @ Rs. 916.81/m ²					Rs. 2521232
C.O. Total					Rs. 13905006

Continuation

Scanned with Oken Scanner

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

पत्रांक: 807 (अ.उ.) दिनांक: 20/07/2023

प्रेषक

अधीक्षण अभियन्ता
ग्रामीण कार्य विभाग
कार्य अंचल, मोतिहारी ।

सेवा में,

कार्यपालक अभियन्ता,
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 (रु० में)
1.	RM/EA/CHA/22/0004	25046537.00
2.	RM/EA/CHA/22/0005	70484766.00

अनु—यथोक्त ।

विश्वासभाजन,



अधीक्षण अभियन्ता
ग्रामीण कार्य विभाग,
कार्य अंचल, मोतिहारी ।

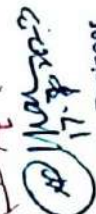
Revised Abstract of BOQ for Package No.- RM/EA/CHA/22/00004
Rural Works Department, Works Division, Chakia.

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
1	Koilelbelwa to Piprakham	Kalyanpur	6.795	24034299	6832050	30866349	25298049	7194156	32492204
2	PMGSY Path to Rampur Gopal Via House of Manoj Kushwaha	Kalyanpur	3.635	15987501	2714922	18702423	16831199	2858822	19690021
3	Sitalpur PWD Road to Sitalpur Gramin Road Tak	Kalyanpur	3.337	14447907	2938196	17386104	15208584	3093957	18302541
	Total		13.767	54469707	12485168	66954875	57337831	13146935	70484766

321.18
 184.46
 179.79


 Executive Engineer
 Rural Works Department
 Works Division, Chakia.

Revised B.O.D. (due to increase in G.S.T. from 12% to 18%)
 is approved for Rs. 7,04,84,766.00 (Rupees Seven crore four lakh eighty four thousand seven hundred and sixty six only) for
 forth action follow the instructions as per letter
 No. 761 dt 23.3.2023 of B.R.D.A.


 Superintending Engineer
 Rural Works Department
 Works Circle, Motihari.

COMPARATIVE STATEMENT OF REVISED BOQ

Name of Road:- PMGSY Path to Rampur Gopal Via House of Manoj Kushwaha

PACKAGE NO.-RM/EA/CHA/22/0004

Block :- Kalyanpur, District :- East Champaran

Length of the Road :- 3.635 K.M

Length of the Road :- 3.635 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 PMGSY Path to Rampur Gopal Via House of Manoj Kushwaha	3	4	5	6	7	8	9	10	11	12	13	
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	0.727	59726.130	43420.89651	0.727	59726.130	43420.89651	0.00	0.00	0.00%		
2	Consturction of subgrade and earthen shoulders with approved material obtained from borrow pits with all lifts and leads, transproling to site, spreading, grading to required slope and compacted to meet requirement of Table 300.2 with lead upto 1000m as per Technical Specification clause	Cum	1526.700	254.040	387842.868	1526.700	254.040	387842.868	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 meihod 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	63.110	2450.130	154627.7043	63.110	2450.130	154627.7043	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	70.950	4752.830	337213.2885	70.950	4752.830	337213.2885	0.00	0.00	0.00%	Approved Superintending Engineer Rural Works Department Wazir Circle, Mithari	
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	109.400	4595.070	502700.658	109.400	4595.070	502700.658	0.00	0.00	0.00%		

6	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	1318.213	59.100	77906.3883	1318.213	59.100	77906.3883	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 treated with Primer and cleaned with hydriloc broom as per technical specification clause 503.	Sqm	9877.963	20.120	198744.6156	9877.963	20.120	198744.6156	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	1318.213	246.340	324728.5904	1318.213	246.340	324728.5904	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	214.000	13347.180	2856296.52	214.000	13347.180	2856296.52	0.00	0.00	0.00%	
10	Construction of un-reinforced plain cement thickness as per design, 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 exceeding 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, takes, compacted using needle, screed and plate vibrators and finished in continuous operation including provision of contraction and expansion, construction 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	212.100	8096.970	1717367.337	212.100	8096.970	1717367.337	0.00	0.00	0.00%	Approved Superintending Engineer Rural Works Department Works Circle, Mothahai

11	Construction of un-reinforced, dowel jointed at expansion and construction joint only, plain cement concrete pavement, thickness as per design, over a prepared sub base, with 43 grade cement or any other type as per Clause 1501.2.2 M30 (Grade), coarse and fine aggregates conforming to IS:383, maximum size of coarse aggregate not exceeding 25 mm, mixed in a concrete mixer of not less than 0.2 cum capacity and appropriate weigh batcher using approved mix design, laid in approved fixed side formwork (steel channel, laying and fixing of 125 micron thick polythene 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, construction joints, applying debonding strips, primer, sealant, dowel bars, near approaches to bridge/culvert and construction joints, admixtures as approved, curing of concrete slabs for 14-days, using curing compound (where specified) and water finishing to lines and grade as per	Cum	388.224	8735.560	3391354.045	388.224	8735.560	3391354.045	0.00	0.00%	
12	Reinforced cement concrete M15 grade kilometre local stone of standard design as per IRC:8 fixing in position including painting and priming, etc as per drawing and technical specification clause 1703. ii) Km stone	No.	4.000	2903.630	11614.52	4.000	2903.630	11614.52	0.00	0.00%	
13	Reinforced cement concrete M15 grade kilometre local stone of standard design as per IRC:8 fixing in position including painting and priming, etc as per drawing and technical specification clause 1703. iii) 200 m stone	No.	15.000	812.420	12186.3	15.000	812.420	12186.3	0.00	0.00%	
14	Providing and fixing of retro-reflectonised 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	10.000	4225.610	42256.1	10.000	4225.610	42256.1	0.00	0.00%	
15	Providing and fixing of retro-reflectonised 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	5490.200	21960.8	4.000	5490.200	21960.8	0.00	0.00%	

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Superintending Engineer
Rural Works Department
Works Circle, Mathan

16	Normative 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	4.000	5360.750	21443	4.000	5360.750	21443	0.00	0.00	0.00%
17	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	615.190	9227.85	15.000	615.190	9227.85	0.00	0.00	0.00%
18	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	50.000	1079.330	53966.5	50.000	1079.330	53966.5	0.00	0.00	0.00%
19	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	452.000	823.740	372330.48	452.000	823.740	372330.48	0.00	0.00	0.00%
20	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. Pedestrian Crossing (2 m in length and providing at 50 cm apart)	sqm	8.000	823.740	6589.92	8.000	823.740	6589.92	0.00	0.00	0.00%
21	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 CC Portion	Sqm	275.000	916.810	252122.75	275.000	916.810	252122.75	0.00	0.00	0.00%

Supervising Engineer

Rural Works Department

Works Circle, Mothari

