



प्रमाणित - 2534 (दिनांक 23/08/2021) 20  
 नाम - श्री रंजित कुमार शर्मा श्री अर्जुन कुमार शर्मा  
 पता - बंगला खाना बुर्लाहा पीछा लखीसराय  
 के हाथ मोठे - 1080/1 21000 रु. मात्र

AL 281237  
 अर्जुन कुमार गुप्ता  
 निदेशक (मृदाक) विभाग  
 ग्राम निबंधन कार्यालय  
 सुर्यगढ़ा (लखीसराय)  
 ला. नं- 4/1997-98 इ०

OFFICE OF THE EXECUTIVE ENGINEER  
 RURAL WORKS DEPARTMENT, WORKS DIVISION, LAKHISARAI

### AGREEMENT NO:- 31 /MBD/2022-23

This agreement, made the 21 December Day of 2022 between Executive Engineer, RWD, Works Division, Lakhisarai, Govt. of Bihar Patna and Sri Rinku kumar, S/o Arjun Kunwar, Vill- Jhakarpura, Post- Surajgarha, Lakhisari, Bihar.

Whereas the Employer is desirous that the Contractor execute output and performance based Rural Road Contract of the maintenance of road from MR-N/19-20/Lakhisarai/21 Package Under of Block in Pipariya, Suryagarha, Under M/R in Lakhisarai District and the Employer has accepted the Bid by the Contractor for the execution and completion of such works and the remedying of any defects therein, at a cost of Construction Rs. 52,84,799.00 (Two Fifty Two Lakh Eighty Four Thousand Seven Hundred Ninety Nine) only & five year Maintenance cost Rs. 19,05,161 (One Nineteen Lakh Five Thousand One Hundred Sixty One) only.

SL. No.	Name of Road	Const. Cost	Maintenanc ce cost	Agreement Value
1	Singarpur More to Rameshwar Dham	34,03,204	11,59,794	45,62,998

  
 Executive Engineer  
 Rural Work Department  
 Work, Div, Lakhisarai

Rakesh Kumar  
 28/12/22



2	Daitabandh to Anandpur	18,81,595	7,45,367	26,26,962
Total		52,84,799	19,05,161	71,89,960

**Total Cost Rs. 71,89,960.00 (Seventy One Lakh Eighty Nine Thousand Nine Hundred Sixty) only**

NOW THIS AGREEMENT WITNESSTH as follows:

1. In this Agreement, words and expression shall have the same meanings as are respectively assigned to them in the condition of contract hereinafter referred to and they shall be deemed to from and be read and construed as part of this agreement.
2. In consideration of the payment to be made by the Employer to the Contractor as hereinafter mentioned, the Contractor hereby covenants with the Employer to execute and complete the Works and remedy any defects therein in conformity in all aspects with the provisions of the contract.
3. The Employer hereby covenants to pay the contractor in consideration of the Execution adcompletion of the works and the remedying the defects hear in Contract price or such other sum as may become payable under the provision of the Contract at the times and in the manner prescribed by the Contract.
4. The following documents shall be deemed to form and be ready and construed as part of this Agreement viz
  - a. Latter of Acceptance
  - b. Contractor's Bid
  - c. Section VI –General Conditions
  - d. Section VII- Particular Condition
  - e. Section V – Technical Specification (General and Supplementary Technical Specification
  - f. Appendix A – Drawings
  - g. Section IV – Works Schedule
  - h. Quality plan for output and performance based road contract as per clause A14.1 of the technical specifications
  - i. Appendices of the contract
  - j. Addenda issued during bid period
  - k. Any other relevant documents listed in the particular conditions together with any post bid correspondence.

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

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

Signed, Sealed and Delivered by the said .....

..... in the presence of:

Binding Signature of Employer .....

Binding Signature of Contractor .....

*[Signature]*  
Executive Engineer  
Rural Work Department  
Work, Div, Lakhisarai  
Rakshmi  
21/7/22

OFFICE OF THE EXECUTIVE ENGINEER  
RURALWORKS DEPARTMENT, WORKS DIVISION, LAKHISARAI

**AGREEMENT NO:-31/MBD/2022-23**

**NAME OF WORK: -** MR-N/19-20/Lakhisarai/21 Package Under of Block in  
Pipariya, Suryagarha, Under M/R in Lakhisarai District.

**NAME OF AGENCY: -** Shri Rinku kumar  
S/o - Arjun Kunwar,  
Vill- Jhakarpara  
Post- Surajgarha  
Dist- Lakhisarai, Bihar

**Reference :-** Engineer in Chief  
R.W.D works Bihar, Patna  
Vide Letter No. 1724 . Date :- 12.04.2022

**AGREEMENT AMOUNT – Main work:-** 52,84,799.00  
**Maintenance work:-** 19,05,161.00  
**Total Amount: -** 71,89,960.00

**Performance Security :-** Deposited @ 2 % Next 8 % deducted from Bill  
**Date of Completion :-** 21 December 2022  
**Date of Agreement :-** 20 September 2023  
**No. of Item of Work :-** As per B.O.Q ( Nos)  
**Rate Quoted :-** 1.51 % below (One Point Five One percent below)

Contractor Signature

  
Executive Engineer  
RWD, Works Division, Lakhisarai  
Rural Work Department  
Work, Div, Lakhisarai  
Rakshar  
21/12/22



Excess ( + )

%

## SCHEDULE OF WORKS

Description of work	No. or Qty.	Unit	Estimated Rate		AMOUNT Rs. P
			Figure	Words	
1 Clearing and Grubbing Road Land 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.	0.23	Hect.	51101.12	Rupees Fifty One Thousand One Hundred & One and Paise Twelve Only	11753.26
2 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 upto 1000 m as per Technical Specification Clause 303.1.	751.41	Cum	189.41	Rupees One Hundred & Eighty Nine and Paise Forty One Only	142324.57
3 <u>Granular Sub-base with Well Graded Material (Table 400.1) Grading-II</u> Construction of granular sub-base by providing well graded material, spreading in uniform layers with motor grader on prepared surface, mixing by mix in place method with rotavator at OMC, and compacting with three wheel 80-100 kN static roller capacity to achieve the desired density, complete as per Technical Specification Clause 401	50.02	Cum	1335.90	Rupees One Thousand Three Hundred & Thirty Five and Paise Ninety Only	66821.72
4 <u>WBM Grading 2 (By Mechanical Means)</u> 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.	32.68	Cum	2455.89	Rupees Two Thousand Four Hundred & Fifty Five and Paise Eighty Nine Only	80248.66
5 <u>WBM Grading 3 (By Mechanical Means)</u> 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.	70.57	Cum	2080.75	Rupees Two Thousand & Eighty and Paise Seventy Five Only	146838.53

Signature of Tenderer with seal

Executive Engineer  
Road Work Department  
Work, Div. Lakhisarai

Excess ( + )

90

## SCHEDULE OF WORKS

	Description of work	No. or Qty.	Unit	Estimated Rate		AMOUNT Rs. P
				Figure	Words	
6	Prime Coat (Low porosity) 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.	940.90	Sqm	42.54	Rupees Forty Two and Paise Fifty Four Only	40025.89
7	Patch work over WBM using Mix seal surface for bituminous and Existing CC Pavement 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 B-10 kN static roller and finishing to required level and grades as per Technical Specification Clause 509.	940.93	Sqm	162.23	Rupees One Hundred & Sixty Two and Paise Twenty Three Only	152647.07
8	Tack Coat 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.	3815.64	Sqm	14.46	Rupees Fourteen and Paise Forty Six Only	55174.15
9	Semi-Dense Bituminous Concrete 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.	71.87	Cum	9235.01	Rupees Nine Thousand Two Hundred & Thirty Five and Paise One Only	663720.17
10	Kilometre Stone Reinforced cement concrete M15 grade kilometre stone/local stone of standard design as per IRC:8 fixing in position including painting and printing, etc as per drawing and Technical Specification Clause 1703 Ordinary Kilometer Stone (Precast)	1.00	Nos	2035.40	Rupees Two Thousand & Thirty Five and Paise Forty Only	2035.40
11	Kilometre Stone Reinforced cement concrete M15 grade kilometre stone/local stone of standard design as per IRC:8 fixing in position including painting and printing, etc as per drawing and Technical Specification Clause 1703 200 m stone (precast)	3.00	Nos	577.67	Rupees Five Hundred & Seventy Seven and Paise Sixty Seven Only	1733.01
12	Direction and Place Identification signs with size more than 0.9 sqm size board Retro-reflectorised Traffic Signs Providing and erecting direction and place identification retro-reflectorised sign as per IRC:67 made of encapsulated lens type reflective sheeting vide Clause 1701.2.3, fixed over aluminium sheeting, 2 mm thick with area exceeding 0.9 sqm supported on mild steel angle iron posts 75 mm x 75 mm x 6 mm, 2 Nos, firmly fixed to the ground by means of properly designed foundation with M-15 grade cement concrete 450 mm x 450 mm x 600 mm, 600 mm below ground level as per approved drawing and Technical Specification Clause 1701.	1.92	Sqm	12188.44	Rupees Twelve Thousand One Hundred & Eighty Eight and Paise Forty Four Only	23401.80




Civil Works/

Excess ( + )

**SCHEDULE OF WORKS**

	Description of work	No. or Qty.	Unit	Estimated Rate		AMOUNT Rs. P
				Figure	Words	
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 (600 mm equilateral triangle)	14	Nos	3529.50	Rupees Three Thousand Five Hundred & Twenty Nine and Paise Fifty Only	49413.00
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 (600 mm Circular)	8	Nos	3659.09	Rupees Three Thousand Six Hundred & Fifty Nine and Paise Nine Only	29272.72

  
 Executive Engineer  
 Rural Works Department  
 Work, Div, Lakhisarai

Rakesh Kumar  
 8/12/22

Excess ( + )

%

## SCHEDULE OF WORKS

Description of work	No. or Qty.	Unit	Estimated Rate		AMOUNT Rs. P
			Figure	Words	
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 <b>600mmx450mm rectangular</b>	10	Nos	3529.97	Rupees Three Thousand Five Hundred & Twenty Nine and Paise Ninety Seven Only	35299.70
16 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 <b>900mm Octagon Stop Board</b>	1	Nos	7522.76	Rupees Seven Thousand Five Hundred & Twenty Two and Paise Seventy Six Only	7522.76
17 <b>Boundary Pillar/Guard Post</b> 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	24.0	Nos	509.61	Rupees Five Hundred & Nine and Paise Sixty One Only	12230.64
18 <b>Printing new letter and figures of any shade</b> with synthetic enamel paint black or any other approved colour to give an even shade as per drawings and Technical Specification Clause 1701	352.0	per cm height per letter	0.53	Rupees and Paise Fifty Three Only	186.56
19 <b>Planting of Trees and their Maintenance for one Year</b> 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 year	30.0	Each	818.70	Rupees Eight Hundred & Eighteen and Paise Seventy Only	24561.00
20 <b>Road Marking with Hot Applied Thermoplastic Compound with Reflectorising Glass Beads on Bituminous Surface</b> 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 Both edge BT Portion)	151.8	Sqm	735.03	Rupees Seven Hundred & Thirty Five and Paise Three Only	111577.55

*[Signature]*  
Executive Engineer  
Rural Work Department  
Work, Div, Lakhisarai

*Rakesh Kumar*  
8/10/22



Excess ( + )

%

## SCHEDULE OF WORKS

Description of work	No. or Qty.	Unit	Estimated Rate		AMOUNT Rs. P
			Figure	Words	
21 (I) Providing and Fixing 'Logo' of Maintenance Project Providing and fixing of typical MMGSY informative 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	2.000	No	9477.49	Rupees Nine Thousand Four Hundred & Seventy Seven and Paise Forty Nine Only	18954.98
Cost of Construction :-					1675743.14
Add 12% GST					201089.18
Add 1% Labour Cess					16757.43
SEIGNORAGE FEE 10% ON BASIC RATE OF MINES MATERIAL					16853.54
Total Cost of Construction :-					1910443.29
22 5 Year Maintenance Cost	20.000	Quarterly	33208.85	Rupees Thirty Three Thousand Two Hundred & Eight and Paise Eighty Five Only	664177.00
Cost of Maintenance :-					664177.00
Add 12% GST					79701.24
Add 1% Labour Cess					6641.77
SEIGNORAGE FEE 10% ON BASIC RATE OF MINES MATERIAL					6275.37
Total Cost of Maintenance :-					756795.38
Total Cost of Project Including Five Year Maintenance :-					2667238.67
Quoted Rate in Words			Rupees Nineteen Lakh Ten Thousand Four Hundred & Forty Three		

Executive Engineer  
Rural Work Department  
Work, Div, Lakhisarai

Rakesh Kumar  
81/12/22



Excess ( + )

%

SCHEDULE OF WORKS

No.	Description of work	No. or Qty.	Unit	Estimated Rate		AMOUNT Rs. P
				Figure	Words	
1	Clearing and grubbing Road Land 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	0.35	Hect.	51101.12	Rupees Fifty One Thousand One Hundred & One and Paise Twelve Only	17885.39
2	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 upto 1000 m as per Technical Specification Clause 303.1.	1138.50	Cum	189.41	Rupees One Hundred & Eighty Nine and Paise Forty One Only	215643.29
3	<b>Granular Sub-base with Well Graded Material (Table 400.1) Grading-II</b> Construction of granular sub-base by providing well graded material, spreading in uniform layers with motor grader on prepared surface, mixing by mix in place method with rotavator at OMC, and compacting with three wheel 80-100 kN static roller capacity to achieve the desired density, complete as per Technical Specification Clause 401	118.94	Cum	1308.31	Rupees One Thousand Three Hundred & Eight and Paise Thirty One Only	155615.62
4	<b>WBM Grading 2 (By Mechanical Means)</b> 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.	79.93	Cum	2399.05	Rupees Two Thousand Three Hundred & Ninety Nine and Paise Five Only	191753.67
5	<b>WBM Grading 3 (By Mechanical Means)</b> 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.	188.89	Cum	2028.65	Rupees Two Thousand & Twenty Eight and Paise Sixty Five Only	383191.70
6	<b>Prime Coat (Low porosity)</b> 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.	2518.50	Sqm	42.52	Rupees Forty Two and Paise Fifty Two Only	107086.62
7	<b>Patch work over WBM using Mix seal surface for bituminous and Existing CC Pavement</b> 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 504.	2518.53	Sqm	161.22	Rupees One Hundred & Sixty One and Paise Twenty Two Only	406037.41

Signature of Tenderer with seal

Executive Engineer  
Rural Work Department  
Patna, Div, Lakhisarai  
Rajendra  
01/07/2020

Excess ( + )

## SCHEDULE OF WORKS

	Description of work	No. or Qty.	Unit	Estimated Rate		AMOUNT Rs. P
				Figure	Words	
8	Tack Coat 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.	6874.16	Sqm	14.45	Rupees Fourteen and Paise Forty Five Only	99331.61
9	Semi-Dense Bituminous Concrete 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.	108.89	Cum	9180.96	Rupees Nine Thousand One Hundred & Eighty and Paise Ninety Six Only	999714.73
10	Kilometre Stone Reinforced cement concrete M15 grade kilometre stone/local stone of standard design as per IRC:8 fixing in position including painting and printing, etc as per drawing and Technical Specification Clause 1703 Ordinary Kilometer Stone (Precast)	1.00	Nos	2002.75	Rupees Two Thousand & Two and Paise Seventy Five Only	2002.75
11	Kilometre Stone Reinforced cement concrete M15 grade kilometre stone/local stone of standard design as per IRC:8 fixing in position including painting and printing, etc as per drawing and Technical Specification Clause 1703 200 m stone (precast)	6.00	Nos	571.83	Rupees Five Hundred & Seventy One and Paise Eighty Three Only	3430.98
12	Direction and Place Identification signs with size more than 0.9 sqm size board Retro-reflectorised Traffic Signs Providing and erecting direction and place identification retro-reflectorised sign as per IRC:67 made of encapsulated lens type reflective sheeting vide Clause 1701.2.3, fixed over aluminium sheeting, 2 mm thick with area exceeding 0.9 sqm supported on mild steel angle iron posts 75 mm x 75 mm x 6 mm, 2 Nos. firmly fixed to the ground by means of properly designed foundation with M-15 grade cement concrete 450 mm x 450 mm x 600 mm, 600 mm below ground level as per approved drawing and Technical Specification Clause 1701	1.92	Sqm	12168.09	Rupees Twelve Thousand One Hundred & Sixty Eight and Paise Nine Only	23362.73
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 (600 mm equilateral triangle)	14	Nos	3514.24	Rupees Three Thousand Five Hundred & Fourteen and Paise Twenty Four Only	49199.36

Executive Engineer  
Rural Work Department  
Work, Div, Lakhisarai



Excess ( + )

%

**SCHEDULE OF WORKS**

No.	Description of work	No. or Qty.	Unit	Estimated Rate		AMOUNT Rs. P
				Figure	Words	
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 <u>600 mm Circular</u>	8	Nos	3643.83	Rupees Three Thousand Six Hundred & Forty Three and Paise Eighty Three Only	29150.64
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 <u>600 mm x 450 mm rectangular</u>	10	Nos	3514.71	Rupees Three Thousand Five Hundred & Fourteen and Paise Seventy One Only	35147.10
16	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 <u>900 mm Octagon Sign Board</u>	1	Nos	7507.50	Rupees Seven Thousand Five Hundred & Seven and Paise Fifty Only	7507.50
17	<u>Boundary Pillar/Guard Post</u> 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	40.0	Nos	506.92	Rupees Five Hundred & Six and Paise Ninety Two Only	20276.80
18	<u>Printing new letter and figures of any shade with synthetic enamel paint black or any other approved colour to give an even shade as per drawings and Technical Specification Clause 1701</u>	352.0	per cm height per letter	0.53	Rupees and Paise Fifty Three Only	186.56
19	<u>Planting of Trees and their Maintenance for one Year</u> 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 year	58.0	Each	818.70	Rupees Eight Hundred & Eighteen and Paise Seventy Only	47484.60
20	<u>Road Marking with Hot Applied Thermoplastic Compound with Reflectorising Glass Beads on Bituminous Surface</u> 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 Both edge BT Portion)	230.0	Sqm	735.03	Rupees Seven Hundred & Thirty Five and Paise Three Only	169056.90

Signature of Tenderer with seal

Executive Engineer  
Rural Work Department  
Work, Div, Lakhisarai

Rakshit  
21/12/22

Excess ( - )

**SCHEDULE OF WORKS**

Description of work	No. or Qty.	Unit	Estimated Rate		AMOUNT Rs. P
			Figure	Words	
21 (1) Providing and Fixing 'Logo' of Maintenance Project Providing and fixing of typical MWGSY uniformity 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 5mm 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	2.000	No	9446.97	Rupees Nine Thousand Four Hundred & Forty Six and Paise Ninety Seven Only	18893.94
22 Brick masonry work in cement mortar 1:3 in parapet excluding pointing and plastering as per drawing and technical specifications Classes 600, 900 and 1208.4	5.76	Cum	5768.17	Rupees Five Thousand Seven Hundred & Sixty Eight and Paise Seventeen Only	33214.66
23 Plastering with cement mortar (1:4) on brick work in sub-structure as per Technical Specifications	40.32	Sqm	139.72	Rupees One Hundred & Thirty Nine and Paise Seventy Two Only	5633.51
24 Painting two coats including primer coat after filling the surface with synthetic enamel paint in all shades on new, plastered / concrete surfaces as per drawing and Technical Specification Clause 1701	40.32	Sqm	98.05	Rupees Ninety Eight and Paise Five Only	3953.38
<b>Cost of Construction :-</b>					<b>3024771.45</b>
<b>Add 12% GST</b>					<b>362972.57</b>
<b>Add 1% Labour Cess</b>					<b>30247.71</b>
<b>SEIGNORAGE FEE 10% ON BASIC RATE OF MINES MATERIAL</b>					<b>37388.33</b>
<b>Total Cost of Construction :-</b>					<b>3455380.07</b>
25 5 Year Maintenance Cost	20.000	Quarterly	51684.40	Rupees Fifty One Thousand Six Hundred & Eighty Four and Paise Forty Only	1033688.00
<b>Cost of Maintenance :-</b>					<b>1033688.00</b>
<b>Add 12% GST</b>					<b>124042.56</b>
<b>Add 1% Labour Cess</b>					<b>10336.88</b>
<b>SEIGNORAGE FEE 10% ON BASIC RATE OF MINES MATERIAL</b>					<b>9508.00</b>
<b>Total Cost of Maintenance :-</b>					<b>1177575.44</b>
<b>Total Cost of Project Including Five Year Maintenance :-</b>					<b>4632955.51</b>
Quoted Rate in Words			Rupees Thirty Four Lakh Fifty Five Thousand Three Hundred & Eighty and Paise Seven Only		