

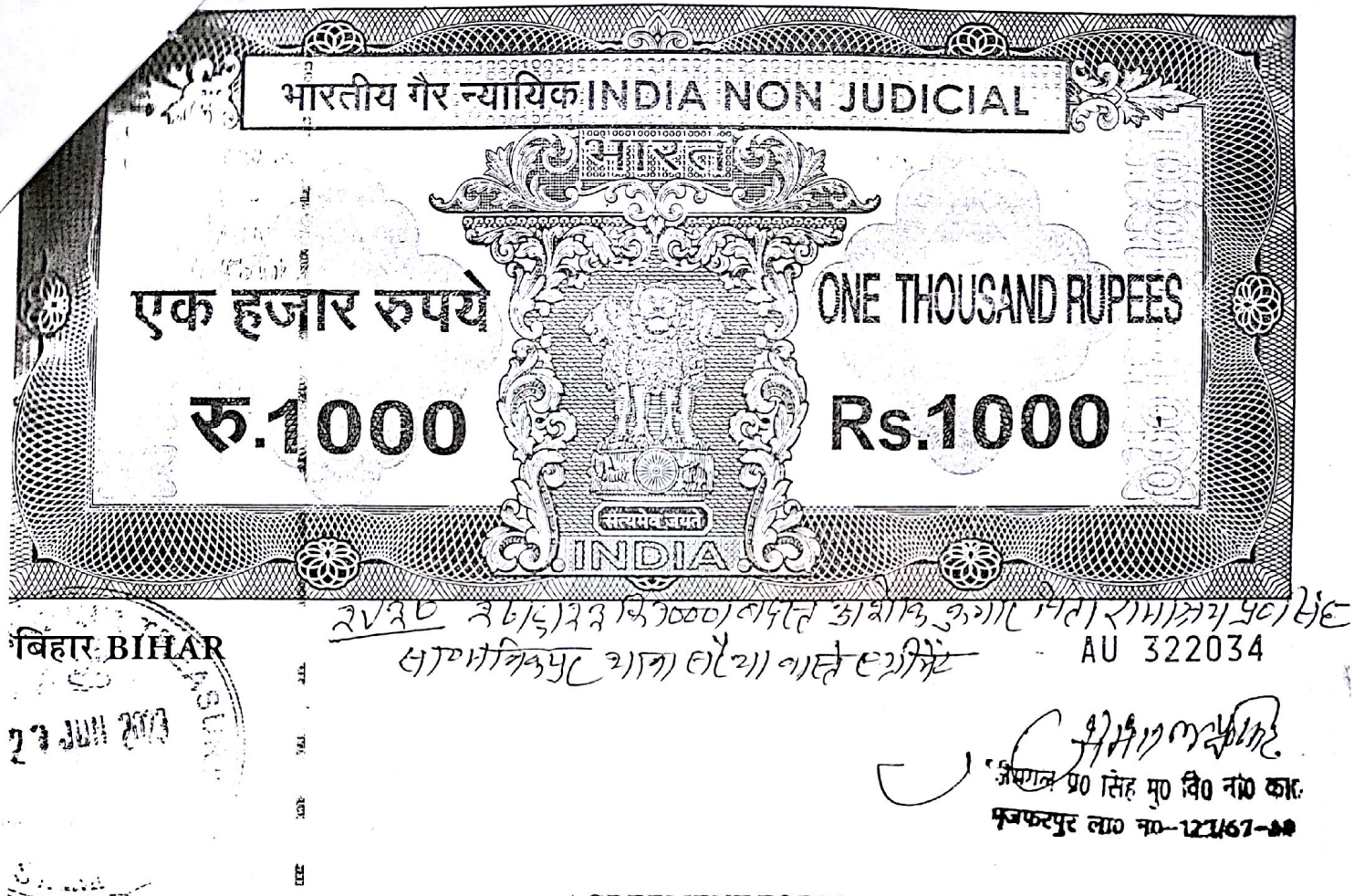
## Supplementary Agreement

1. Name of the work : Construction of Road From Bhatauna PMGSY Sadak Ke Yogendra Sharma Ke Ghar To PMGSY Sadak Dhorwa Bar Tak Via Noniya Tola Madhya Vidyalaya Hote Hue in Marwan Block Under MMGSY (Gen.).
2. No. of roads. : 1
3. Length of the road. : 1.510 KM
4. Name of the Agency & Address : Ashok Kumar Singh,  
Vill- Manikpur, P.O + P.S- Saraiya,  
Dist- Muzaffarpur - 843126
5. Agreement No. : 141 SBD / 2019 - 20
6. Approval of Rate : C.E.-3, RWD, Bihar, Patna, Letter No. 5421 dt. 31.07.2019 on 10.0% below from Schedule rate. & Revised BOQ Approval Lt. No. 784 Dt. 27.06.2023
7. Original Agreement value of the work:-  
(a) Construction cost — — — : Rs. 86,50,934.00  
(b) Maintenance cost — — — : Rs. 9,58,603.00  
Rs. 96,09,537.00 Less 10.00% below from Schedule rate.
8. Supplementary Agreement value of the work:-  
(a) Construction cost — — — : Rs. 88,51,160.00  
(b) Maintenance cost — — — : Rs. 9,58,603.00  
Rs. 98,09,763.00 Less 10.00% below from Schedule rate.
- Diffrence Value** Rs. 2,00,226.00  
(Rupees Two Lakh Two Hundred Twenty Six) only.
8. Earnest Money Deposit (2.00%) Rs. 4,005.00  
A.P.G (3.75%) Rs. 7,508.00  
Rs. 11,513.00
- Performance security (including earnest money) deposited by the Agency in the form of T.D. amounting to Rs. 13,000.00 The details of T.D. is as follow:-  
(i) TD A/c No. 020081563749 Rs. 8,000.00 (P.O, Collectariate, Muz)  
(ii) TD A/c No. 020081563436 Rs. 5,000.00 (P.O, Collectariate, Muz)  
Rs. 13,000.00  
(Rupees Thirteen Thousand only)
9. Date of work Order : (Twelve Month)
10. Date of completion : 8% (Eight percent) to be deducted from the gross amount of each running Bill.
11. Security Deposit : Five years + 45 Days from the actual date of completion of the work.
12. Defect liability period : After five years from the actual date of completion of the work.
13. Refund of performance security and security deposit : 47 (Forty Seven) item in road.
14. Total item of Agreement :

**Note:-S.B.D. Rules, terms and conditions will be applicable.**

Ashok Kumar Singh

18/07/23  
**Executive Engineer**  
R.W.D. Works Division  
Muzaffarpur West



#### AGREEMENT FORM

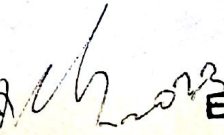
This Agreement made on the ..... between Executive Engineer R.W.D. Works Division, Muzaffarpur West (name and address of Employer) hereinafter called "the employer" and Ashok Kumar Singh, Vill- Manikpur, P.o + P.s- Saraiya, Dist- Muzaffarpur - 843126 (name and address of contractor) hereinafter called "the contractor" on the other part.

Whereas the Employer is desirous that the contractor execute Construction of Road From Bhatauna PMGSY Sadak Ke Yogendra Sharma Ke Ghar To PMGSY Sadak Dhorwa Bar Tak Via Noniya Tola Madhya Vidyalaya Hote Hue in Marwan Block Under MMGSY (Gen.).

(name and identification number of contract) (hereinafter called 'the works') 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 Rs. 2,00,226.00 (Rupees Two Lakh Two Hundred Twenty Six) only.

#### **NOW THIS AGREEMENT WITNESSETH as follows:-**

1. In this Agreement, words and expression shall have the same meanings as are respectively assigned to them in the conditions of contract hereinafter referred to and they shall be deemed to form and be read and construed as part of this Agreement.
2. In consideration of the payments to be made by the Employer, 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.

Ashok Kumar Singh  12/07/23  
Executive Engineer



3. The Employer hereby covenants to pay the contractor in consideration of the execution and completion of the works and the remedying the defects wherein contract price or such other sum as may become payable under the provisions 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.
- (i) Letter of Acceptance.
  - (ii) Notice to proceed with the works.
  - (iii) Contractor's Bid.
  - (iv) Condition of contract : General and Special.
  - (v) Contract Data.
  - (vi) Additional condition.
  - (vii) Drawings.
  - (viii) Bill of Quantities and
  - (ix) Any other document listed in the contract Data as forming part of the contract.

In witnessed where of the parties there to 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 the Employer \_\_\_\_\_

Binding Signature of the Employer \_\_\_\_\_

Ashok Kumar Singh

18/07/2017

Executive Engineer  
Rural Works Deptt.  
Rural Works Division  
Muzaffarpur (West)

18/07/2017

Contract No: Civil Works:

Bidder Name:

Excess (+) %

### SCHEDULE OF WORKS

This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevant columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only)

	Description of work	No.or Qty.	Unit	Estimated Rate	AMOUNT Rs. P
				Figure	
1.00	Setting out(i) Construction of Reference & Working Benchmark = 2 Nos. & 7 Nos. RespectivelySOR Item No.-1.16	1.510	Per Km.	3554.640	5367.510
2.00	(ii) Construction of Reference Pillars/Burjees = 60 NosSOR Item No.-1.16	1.510	Per Km.	1654.570	2498.40
3.00	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.SOR Item No.-2.2	0.450	Hectare	49767.580	22395.41
4.00	Excavation for roadway in soil using manual means for carrying of out earth to embankment site with a lift up to 1.5 m and lead up to 50m as per Technical Specification Clause 302.3.SOR Item No.-3.5 (I)	984.070	cum	122.770	120814.27
5.00	Construction of embankment with approved materials deposited at site from roadway cutting and excavation from drain and foundation compacted to meet requirement of Tables 300.1 and 300.2 as per Technical Specification Clause 301.5.SOR Item No.-3.3	729.509	cum	37.480	27342.00
6.00	Construction of embankment with approved material obtained from borrow pits with a lift up to 1.5m transporting to site, spreading grading to required slope and compacting to meet requirement of Tables 300.1 and 300.2 with a lead up to 1000 m as per Technical Specification Clause 301.5SOR Item No.-3.4	1688.682	cum	174.310	294354.18
7.00	Construction of embankment with approved material obtained from borrow pits with a lift up to 1.5m transporting to site, spreading grading to required slope and compacting to meet requirement of Tables 300.1 and 300.2 with a lead up to 100 m as per Technical Specification Clause 301.5SOR Item No.-3.5 (ii)	374.820	cum	141.000	52849.62

Athek Kumar Singh

Signature of Tenderer with seal

Executive Engineer  
Rural Works Deptt.  
Rural Works Division  
Muzaffarpur (West)

1 of 7



	Description of work	No. or Qty.	Unit	Estimated Rate	AMOUNT Rs. P
				Figure	
8.00	Construction of granular sub-base by providing well graded material (Grading I) . spreading in uniform layers with motor grader on prepared surface, mixing by max 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 401SOR Item No.-4.1 401(Aii)	551.535	cum	2895.730	1597098.45
9.00	WBM Grading 3 Providing, laying, spreading and compacting stone aggregates of specific sizes to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with smooth wheel roller 80-100 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 405.80 -100 kN static roller in stages to proper grade and camber, applying and brooming, crushable screening to fill-up the interstices of coarse aggregate, watering and compacting to the required density Grading 3 as per Technical Specification Clause 405.SOR Item No.-4.7 (3)(A)	445.058	cum	3435.970	1529199.08
10.00	Prime Coat 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 502SOR Item No.-5.1 (i)	3536.640	sqm	53.820	190341.96
11.00	Tack Coat Providing and applying tack coat with Bitumen emulsion (RS-1) using emulsion distributor at the rate of 0.25 to 0.30 kg per sqm on the prepared granular surfaces treated with primer & cleaned with Hydraulic broom as per Technical Specification Clause 505SOR Item No.-5.2 (iii) 503	3981.890	sqm	18.100	72072.21
12.00	Mix Seal Surfacing By Mechanical Means (Type-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 509SOR Item No.-5.11	3981.890	sqm	242.840	966962.17

Signature of Tenderer with seal

Executive Engineer  
Rural Works Deptt.  
Rural Works Division  
Muzaffarpur (West)

2 of 7

	Description of work	No. or Qty.	Unit	Estimated Rate	AMOUNT Rs. p
				Figure	
	Construction of un-reinforced plain cement concrete pavement thickness as per design over a prepared sub base with 4:2 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 drawing and Technical Specification Clause 1501SOR Item No.-6.4	283.610	cum	7450.700	2858163.03
14.00	Laying brick soling layer on prepared sub-grade with brick on end edging according to lines, graded and cross-section shown on the drawing filling joints with sand and earth, spreading 25 mm thick layer of earth over brick soling, watering and rolling the same with three wheel road roller 80-100 kN as per Technical Specification Clause 412SOR Item No.-4.18	622.000	sqm	487.520	303237.44
15.00	Earthwork excavation for foundation of structures as per drawing and technical specification clause 1104 including setting out, stumps and other deleterious matter, dressing of sides and bottom and backfilling with approved material. (A) Ordinary soil SOR Item No.-11.1 (I)	39.750	CUM.	291.370	11581.96
16.00	Providing concrete for plain/reinforced concrete in open foundations complete as per drawings and technical specifications clause 802, 803, 1202 & 1203 (I) PCC Grade M-15 Nominal mix 1:2.5:5 with 40 mm and down graded metal SOR Item No.-11.4 (II) (i)	2.557	CUM.	6393.660	17051.89
17.00	Providing concrete for plain/reinforced concrete in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203 PCC M15 SOR Item No.-11.4 (II)	24.506	Cum	6180.390	151456.64
18.00	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 SOR Item No.-11.4 (III)	2.610	Cum	6913.530	18044.31
19.00	Brick masonry work in cement mortar 1:3 in parapet excluding pointing and plastering as per drawing and technical specifications clauses 600, 900 and 1208.4 SOR Item No.-13.9	2.980	CUM.	7145.020	21292.16
20.00	Plastering with cement mortar (1:4), 15 mm thick on brickwork in substructure as per technical specification clauses 613.4 & 1204 SOR Item No.-12.3	33.200	Sqm	188.750	6266.50
21.00	Backfilling behind abutment, wing wall and return wall complete as per drawings & technical specification clause 1204.3.8 SOR Item No.-12.10	33.390	CUM.	748.020	24976.39
22.00	Guide Post SOR Item No.-	8.000	Nos	512.770	4102.18

Ashok Kumar Singh

Signature of Tenderer with seal

Executive Engineer  
Rural Works Deptt.  
Rural Works Division  
Muzaffarpur (West)

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	Description of work	No. or Qty.	Unit	Estimated Rate	AMOUNT Rs. P
				Figure	
23.00	Bedding for Type - B PCC(M20) Bedding Laying (First Class) bedding concrete as per clause 1105 (II) SOR Item No.-9.2	2.100	Cum	483.600	1015.56
24.00	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) SOR Item No.-10.10 (I)	2.000	Cum	1905.390	3810.78
25.00	Providing and Laying Reinforced Cement Concrete Pipe NP3 1000 mm dia as per design in Single Row SOR Item No.-9.3	7.500	m	4199.350	31495.13
26.00	Dismantling of Structures Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts and load of 1000 m as per Technical Specification Clause 202. By Manual Means Plain Cement Concrete SOR Item No.-2.5 I (B)	0.600	cum	470.190	282.11
27.00	Dismantling of Structures Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts and load of 1000 m as per Technical Specification Clause 202. By Manual Means Rubble stone masonry in cement SOR Item No.-2.5 III (B)	17.330	cum	335.880	5820.80
28.00	Removing all types of Hume pipes and stacking within a lead of 1000 m including Earthwork and Dismantling of Masonry Works as per Technical Specification Clause 202. Upto 600 mm dia Hume pipe SOR Item No.-2.13 A	5.000	cum	742.300	3711.50
29.00	Providing and laying reinforced cement concrete pipe NP4 for culverts on first class bedding of granular material in single row including fixing collar with cement mortar 1:2 but excluding excavation, protection works, backfilling, concrete and masonry works in head walls and parapets clause 1106. SOR Item No.-9.3(C)	30.000	m	904.920	27147.60
30.00	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 SOR Item No.-10.1 (III) 200m Stone (Pre-cast)	6.000	No.	594.910	3569.46
31.00	Boundary Pillar 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 At outer side of H-Curve & @ 1.50m c/c both side at high embankment SOR Item No.-10.11	23.000	No.	512.770	11793.71

Ashok Kumar Singh

Signature of Tenderer with seal

18/7/2023

Executive Engineer  
Rural Works Deptt.  
Rural Works Division  
Jalandhar (West)

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	Description of work	No. or Qty.	Unit	Estimated Rate	AMOUNT Rs. P
				Figure	
32.00	Providing and fixing of typical MMGSY Informatory sign board with Logo as per MORD specifications and drawing. Three MS Plates of 1.8 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 SOR Item No.-10.16	2.000	No.	11728.950	23453.90
33.00	Maintenance Board	1.000	No.	11726.950	11726.95
34.00	MMGSY Logo Board	1.000	No.	11726.950	11726.95
35.00	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 SOR Item No.-10.2 A (1)(ii) 600 mm equilateral triangle	12.000	No.	4502.980	54035.76
36.00	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 SOR Item No.-10.2 A (1)(vii) 900 mm side octagon	1.000	No.	12572.620	12572.62
37.00	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 SOR Item No.-10.2 A (1)(viii) Speed Limit (600 MM Circular)	4.000	No.	6433.430	25733.72

Hshuk Kumar Singh  
Signature of Tenderer with seal

20/4/2023  
18.07.2023  
Executive Engineer<sup>5 of 7</sup>  
Rural Works Deptt.  
Rural Works Division  
Muzaffarpur (West)  
EX-100/23

	Description of work	No. or Qty.	Unit	Estimated Rate	AMOUNT Rs. P
				Figure	
	Providing and fixing of retro-reflectors mandatory and informatory sign as per IRC 67 made of encapsulated lens type reflective sheeting vide Clause 1701 2.3 fixed over aluminum 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 below ground level as per drawings and Technical Specification Clause 801 SOR Item No -10.2 A (1) Hechtometer Post	4 000	No	7848.840	30894.56
39.00	Providing and fixing of retro-reflectors cautionary, mandatory and informatory sign as per IRC 67 made of encapsulated lens type reflective sheeting vide Clause 1701 2.3 fixed over aluminum 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 below ground level as per drawings and Technical Specification Clause 801 SOR Item No -10.2 A (1) (v) 600 mm x 450 mm rectangular	6 000	No	6356.090	38136.54
40.00	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. SOR Item No -10.13	302.000	sqm	851.280	257086.56
41.00	Painting two coats Road Edge Marking POC Portion Only	0.000	sqm	77.600	
42.00	Rumble Strips (Provision of 15 nos rumble strips covered with MSS bituminous carpet, 15-20 mm high at center, 250 mm wide placed at 1 m center to center at approved locations to control speed, marked with white strips of road marking paint.)	0.000	sqm	242.840	
Total Construction Cost :					8857160.00
Per Below 10%					885116.00
Total Construction Cost :					7966044.00

Lm  
 26/01/23  
 E.E.

Phuk Kumar Singh  
 use of Tenderer with seal

18/07/2023

Executive Engineer  
 Rural Works Deptt.  
 Rural Works Division  
 Muzaffarpur (West)

	Description of work	No. or Qty.	Unit	Estimated Rate	AMOUNT Rs. P
				Figure	
	Maintenance for 1st year	1.000	Year	51156.00	51156.00
44.00	Maintenance for 2nd year	1.000	Year	64042.00	64042.00
48.00	Maintenance for 3rd year	1.000	Year	348963.00	348963.00
48.00	Maintenance for 4th year	1.000	Year	110826.00	110826.00
47.00	Maintenance for 5th year	1.000	Year	383616.00	383616.00
Five Year Maintenance Cost :					958603.00
As Per Below 10%					95860.00
Five Year Maintenance Cost :					862743.00
Total Estimated Cost in Figures					8828787.00
Say Amount					88,28,787.00
Quoted Rate in Words					

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26/06/23  
E.E.

**Executive Engineer**  
**R.W.D. Works Division**  
**Muzaffarpur West**

Revised B.O.Q. approved for Rs. 88,28,787.00  
Rupees.....Crore Eight Lakh Twenty eight  
Thousand Seven Hundred Eighty Six Only

Supertending Engineer  
Rural Works Department  
Work Circle: Muzaffarpur

Sim  
18/07/23  
**Executive Engineer**  
**Rural Works Deptt.**  
**Rural Works Division**  
**Muzaffarpur (West)**

Ashok Kumar Singh

Signature of Tenderer with seal