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OFFICE THE THEY EXECTIVE TO THE HEREN HATEN RURAL WORKS DEPARTMENT TOW GRIES 2003/18-11 SARAI

AGREEMENT NO:- 05 /MBD/2022-23

This agreement, made the 12th May Day of 2022 between Executive Engineer, RWD, Works Division, Lakhisarai, Govt. of Bihar Patna and M/s Satyandra Kr. & Co Constructions (P) LTD. G-7, Tara Tower, Exhibition Road, Patna-1.

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/14 Package Under of Block in Lakhisarai, 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. 2,34,30,507 (Two Crore Thirty Four Lakh Thirty Thousand Five Hundred Seven) only & five year Maintenance cost Rs. 1,07,06,907 (One Crore Seven Lakh Six Thousand Nine Hundred Seven) only,

SI. No.	Name of Road	Const. Cost	Maintenan ce cost	Agreement Value
1	Jhankhar Amhara Balgumar Path to Makhdumpur Path	14,32,106	7,60,588	21,92,694
2	NH-80 Jhakhar Via Balgudar, Ramnagar, Amhara	1,36,23,237	56,60,577	1,92,83,814

Satyendra Kumar and Co. Construction (P) Ltd

ग्रामीण कार्य विभाग हर्म्य, प्रमण्डल, लखीसराय

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

AGREEMENT NO:- 05 /MBD/2022-23

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Satyendra Kumar and Co. Construction (P) Ltd.

Director Director

A Para

कार्यपालक अभियंता ग्रामीण कार्य विभाग इत्यू ग्रमण्डल. लखीसराय

	Total	2,34,30,507	1,07,06,907	3,41,37,414
5	T05 to Ghoghi	21,21,469	11,29,024	32,50,493
4	Arma Gramin Path	19,57,115	10,23,756	29,80,871
3	L053 (L033) to Agaiya	42,96,580	21,32,962	64,29,542

Total Cost Rs. 3,41,37,414 .00 (Three Crore Forty One Lakh Thirty Seven Thousand Four Hundred Fourteen) only

NOW THIS AGREEMENT WITNESSTH as follows:

- 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.
- 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.
- 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.
- 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
 - 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

Satyendra Kumar and Co. Construction (P) Ltd.

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कार्यपालक अभियंता ग्रामीण कार्य विभाग कार्य प्रमण्डल, लखीसराय

12528

-: Contractor's BID:

Attached separately

NAME OF WORK:- MR-N/19-20 Lakhisarai/14 of Block in Lakhisarai, Suryagarha, Under Lakhisarai District.

District:- Lakhisarai

Block :- Lakhisarai, Suryagarha

SI. No	Name of Road	leanth (km)	Cost of Construction (Rs. In lacks)	Maintenance cost (Rs. In lacks)
1.	MR-N/19-20 Lakhisarai/14	12.317	234.30507	107.06907
Total		12.317	234.30507	107.06907

ग्रामीण कार्य विभाग ह्यार्थ-प्रमण्डल, लखीसराय

Satyendra Kumar and Co. Constructi

Model Bidding Document

Procurement

Of

Civil Works



For All Works Department

Satyendra Kumar and Co. Construction (P) Ltd.

Director

(1) dr

कार्यपालक अभियंता ग्रामीण कार्य विभाग क्रिन्न प्रमण्डल, लखीसराय

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

AGREEMENT NO:-05/MBD/2022-23

NAME OF WORK: - MR-N/19-20 Lakhisarai/14 of Block in Lakhisarai, Suryagarha, Under Lakhisarai District.

NAME OF AGENCY: - M/s Satyandra Kr. & Co Constructions (P) LTD. G-7, Tara Tower, Exhibition Road, Patna-1.

Reference

:- Engineer in Chief

R.W.D works Bihar, Patna

Vide Letter No. 1724 . Date :- 12.04.2022

AGREEMENT AMOUNT – Main work:- 2,34,30,507.00

Maintenance work:- 1,07,06,907.00

Total Amount: - 3,41,37,414.00

Performance Security

: - Deposited @ 2 % Next 8 % deducted from Bill

Date of Completion

:- 12th May 2022

Date of Agreement

:- 11th February 2023

No. of Item of Work

:- As per B.O.Q (Nos)

Rate Quoted

:- 2.40 % below (Two Point Four Zero percent below)

Contractor Signature

Executive Engineer RWD, Works Division, Lakhisarai

Satyendra Kumar and Co. Construction (P) Ltd.

Director

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कार्यपालक अभियंता ग्रामीण कार्य विभाग द्वारं प्रमण्डल, लखीसराय

OFFICE OF THE EXECUTIVE ENGINEER R.W.D.(W)DIVISION, LAKHISARAI

Letter no. 631

From.

-

Executive Engineer Rural Work Department, Works Division, Lakhisarai

To

M/s Satyandra Kr. & Co Constructions (P) LTD. Engineers & Contractors G-7, Tara Tower, Exhibition Road, Patna-1.

Sub :-

Letter for acceptance for Const. of Road Form MR-N/19-20 Lakhisarai/14.

Dear Sir,

Poter

Letter of Acceptance

Satyendra Kumar and Co. Construction (P) Ltd.

Director

Yours faithfully,

Executive Engineer R.W.D.(W)Division,

3~Lakhisarai

11-05-22

Tender Inviting Authority: Engg-in Chief RWD Patna VALIDATE Name of Work: Construction of Road & CD Works for NH-80 Jhakhar Via Balgudar, Ramnagar Amahra in Lakhisarai Block Under M/R 3054 PRINT Contract No: Civil Works/ HELP Excess (+) St. Description of work SCHEDULE OF WORKS AMOUNT Estimated Rate Unit No Rs. Qtv Clearing and Grubbing Road Land (By manual means) Words Figure including uprooting wild vegetation, grass, bushes, shrubs, saplings and trees of girth upto 300mm. removals of stumps of such trees cut earlier & disposal of Rupees Fifty One Thousand 69497.52 unserviceable materials & stacking of serviceable One Hundred & One and 1.360 51101.12 Hect materials to be used or auctioned upto a lead of 1000 m. Paise Twelve Only including removal and disposal of top organic soil not exceeding 150mm in thickness as per technical Dismaniling of existing structures like culverts, bridges. retaining walls and other structure comprising of mesonry cement concrete, wood work, steel work, including T&P Rupees Four Hundred & and scaffolding wherever necessary, sorting the 94278 18 2 419.01 225.000 Nineteen and Paise One Only dismantled material, disposal of unserviceable material Cum and stacking the serviceable material with all lifts and lead of 1000 m as per Technical Specification Clause 202. Construction of Subgrade and Earthen Shoulders Construction of subgrade and earthen shoulders with Rupees One Hundred & approved material obtained from borrow pits with all lifts 814273 59 Eighty Nine and Paise Forty 3 and leads, transporting to site, spreading, grading to 4299 000 Cum 189.41 One Only required slope and compacted to meet requirement of Table 300 2 with lead upto 1000 m as per Technical Granular Sub-base with Well Graded Material (Table 400.1) - Construction of granular sub-base by providing Rupees One Thousand Two well graded material, spreading in uniform layers with 394807.49 Hundred & Fifty Three and motor grader on prepared surface, mixing by mix in place 1253.12 314,900 Paise Twelve Only method with rotavator at OMC, and compacting with smooth wheel roller to achieve the desired density, complete as per Technical Specification Clause 401 WBM Grading 2 - Providing, laying, spreading and compacting stone aggregates of specific sizes to water bound macadam specification including spreading in Rupees Two Thousand uniform thickness, hand packing, rolling with three wheel 554437.20 Three Hundred & Seventeen 2317.30 239.260 Cum 80-100 kN static roller in stages to proper grade and and Paise Thirty Only camber, applying and brooming, crushable screening to fill-up the interstices of coarse aggregate, watering and compacting to the required density Grading 2 as per WBM Grading 3 - Providing, laying, spreading and compacting stone aggregates of specific sizes to water bound macadam specification including spreading in Rupees One Thousand Nine unform thickness, hand packing, rolling with three wheel 1079039 12 1924.45 Hundred & Twenty Four and 560 700 Cum 80-100 kN static roller in stages to proper grade and Paise Forty Five Only 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 Prime Cost - Providing and applying primer cost with Bitumen emulsion (SS-1) on prepared surface of granula Rupees Forty Two and Paise 317131.92 42.42 base including cleaning of road surface and spraying 7476.000 Sqm Forty Two Only primer at the rate of 0.70- 1.0 kg/sqm using mechanical means as per Technical Specification Clause 502 Patch work over WBM using Mix seal surface for bituminous and Existing CC Pavement :- Providing, laying and rolling of close-graded premix surfacing Rupees One Hundred & material of 20 mm thickness composed of 11.2 mm to 0.9 Sixty Two and Paise Thirty 1225527 30 mm (Type-A) or 13.2 mm to 0.9 mm (Type-B) aggregates 162.30 Sqm 7551 000 Only 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 Tack Cost - Providing and applying tack cost with Rupees Fourteen and Paise bitumen emulsion using emulsion pressure distributor at 479180 21 14.42 Forty Two Only the rate of 0.25 to 0.30 kg per sign on the prepared Sam 33230 250 granular surface tretaed with Primer and clened with hydriloc broom as per technical specification aclouse 603

Signature of Tenderer with seal

Satyendra Kumar and Co. Construction (P) Ltd.

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ender	Inviting Authority: Engg-in Chief RWD Patna	1000		1	II O	VALIDATE
IN CHES	l Work: Construction of Road & CD Works for NH-80 Jh. Isarai Block Under M/R 3054	akher Via Ba	igudar, R	amnagar Amah	7a	J. PRINT
Contrac	t No. Civil Works/					HELP
Bidder Name:				Excess (+		% AMOUN
SI.	Description of work	SCHEDUL No. or	Unit Unit	KS	S Estimated Rate	
		Oty.		Figure	Words	
10	Semi-Dense Bituminous Concrete: Providing and laying semi dense betuminous concrete with 100-120 TPH batch type HMAP 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 filter, 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.	641,990	Cum	9235.79	Rupees Nine Thousand Two Hundred & Thirty Five and Paise Seventy Nine Only	5929284 82
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	1 000	Each	3855 33	Rupees Three Thousand Eight Hundred & Fifty Five and Paise Thirty Three Only	3855 33
12	sechnical specification clause, \$203. 5th km stone. 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	6 000	Each	2017.39	Rupees Two Thousand & Seventeen and Paise Thirty Nine Only	12104.34
13	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	28.000	Each	574.35	Rupees Five Hundred & Seventy Four and Paise Thirty Five Only	16081 80
	sechnical specification clause 1703, 200 m stone. Direction and Place Identification signs with size more than 0.9 som size board. Retro-reflectorised Traffic Signs-Providing and erecting direction and place identification retro-vertectorised sign as per IRC-67 made of encapsulated lons type reflective sheeting vide Clause 1703, 2.3 feet over aluminum sheeting, 2 mm thick with				Rupees Twelve Thousand One Hundred & Seventy	23380.38

1,920

23.000

14,000

6.000

2 000

Each

Each

Each

Each

12177.28

3521 14

1650 73

3521.61

7514.40

Seven and Paise Twenty

Eight Only

Rupees Three Thousand

Five Hundred & Twenty One

and Paise Fourteen Only

Rupees Three Thousand Six

Hundred & Fifty and Paise

Seventy Three Only

Rupees Three Thousand

Five Hundred & Twenty One

and Paise Sixty One Only

Rupees Seven Thousand

Five Hundred & Fourteen and

Paise Forty Only

80986 22

51110 22

21129 66

15028 80

Eignature of Tenderer with seal

(999 mm octagon stop board)

1701.2.3 fixed over aluminum sheeting, 2 mm thick with

iron posts 75 mm x 75 mm x 6 mm, 2 Nos firmly fixed to the ground by means of property 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

supported on a mild steel angle iron post 75 mm x 75 mm

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

6 mm firmly fixed to the ground by means of properly

Providing and fixing of retro-reflectionsed 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

designed foundation with M15 grade cement concrete 450 mm x 450 mm x 660 mm, 660 mm below ground level as per drawings and Technical Specification Clause 801

x 6 mm firmly fixed to the ground by means of properly

Providing and fixing of retro-reflectorised cautionary, mandatory and informatory sign as per IRC 67 made of encapsulated tens 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

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

x 6 mm firmly fixed to the ground by means of properly

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 aluminum sheeting, 1 5 mm thick

supported on a mild steel angle iron post 75 mm x 75 mm

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 601

x 6 mm firmly fixed to the ground by means of properly

area exceeding 0.9 sqm supported on mild steel angle

and Technical Specification Clause 1701 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

(600 mm equilateral & triangle)

(600 mm circular)

(600 mm x 450 mm rectangular)

15

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nder inviting Authority: Engg-in Chief RWD Patna Name of Work: Construction of Road & CD Works for NH-80 Jhakhar Via Balgudar, Ramnagar Amahra VALIDATE in Lakhisarai Block Under M/R 3054 Contract No: Civil Works/ PRINT Bidder HELP Name Excess (+) SI SCHEDULE OF WORKS Description of work AMOUNT No No. or Estimated Rate Rs. Otv Boundary Pillar/Gaurd Post :- Reinforced cement Figure Words concrete M15 grade boundary pillars/local stone of standard design as per IRC:25, fixed in position including 19 Rupees Five Hundred & finishing and lettering but excluding painting as per 32515 20 64.000 Each 508 05 Eight and Paise Five Only drawing and Technical Specification Clause 1704 Printing New Letters and Figures of any Shade .- Printing new letter and figures of any shade with synthetic enamel 20 Rupees and Paise Fifty paint black or any other approved colour to give an even 186.56 352 000 n height per 0.53 Three Only shade as per drawings and Technical Specification Clause 1701 Road Marking with Hot Applied Thermoplastic Compound with Reflectorising Glass Beads on Bituminous Surface -Providing and laying of hot applied thermoplastic Rupees Seven Hundred & compound 2.5 mm thick including reflectorising glass 996700 68 Thirty Five and Paise Three Sqm 1356 000 735.03 beads @ 250 gms per sqm area, thickness of 2.5 mm is Only exclusive of surface applied glass beads as per IRC:35 The finished surface to be level, uniform and free from (I)Providing and Fixing 'Logo' of Maintenance Project :-Providing and fixing of typical 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 Rupees Nine Thousand Four posts duly embedded in cement concrete M-15 grade 18921.52 2.000 Each 9450.76 Hundred & Sotly and Paise blacks of 450mm x 450mm x 600mm, 600mm below Seventy Six Only 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 prime and two coats of epoxy paint as per drawing Clause 1701 and Annexure 1700 1 Rupees One Hundred & Esstering with cement mortar (1.4) on brick work in sub-140.82 5677 86 45 520 Sam Forty and Paise Eighty Two structure as per Technical Specifications Only Rupees Five Thousand Brick masonry work in cement mortar 1.3 in parapet 5758 17 Seven Hundred & Sixty Eight and Paise Seventeen Only 33224.56 5.760 Cum excluding pointing and plastering as per drawing and Painting Two Coats on New Concrete Surfaces :-Painting two coats including primer coat after filling the Rupees Ninety Eight and 98.05 3953.38 40.320 Sam surface with synthetic enamel paint in all shades on new, Paise Five Only plastered / concrete surfaces as per drawing and Technical Specification Clause 1701. Cost of Construction :-12272113.95 Add 12% GST 1472653.67 Add 1% Labour Cess 122721.14 Seigniorage Fee 10% on Basic Cost of Mines Material 90746.22 Total Cost of Construction :-13958234,98 Rupees Two Lakh Fifty Four Thousand Four Hundred &

5068947.00 20.00 Quarterly 2.54,447.35 5 Year Maintenance Cost 25 Forty Seven and Paise Thirty Five Only 5088947.00 Cost of Maintenance :-Add 12% GST 610673.64 50889.47 Add 1% Labour Cess Seignlorage Fee 10% on Basic Cost of Mines Material 49261.00 Total Cost of Maintenance :-5799771.11 Total Cost of Project Including Five Year Maintenance :-19758006.09 Rupees One Crore Thirty Nine Lakh Fifty Eight Thousand Two

Constitute of Tenderer with soal

Satyendra Kumar and Co. Construction (P) Ltd.

Quoted Rate in Words

Hundred & Thirty Four and Paise Ninety Eight Only

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