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

WORK ALLOTTED BY CHIEF. ENG., R.W.D., BIHAR, PATNA, VIDE HIS LETTER

NO. 190 W.E., Dated - 16.06.2022

Original

(HEAD:- MR-(3054) नई अनुरक्षण नीति-2018

NAME OF WORK :- **MR-N/21-22 BUXAR/03**

Sl. No.	Name of Road	Length (km)	Ag. Value of Const. Cost	Ag. Value of Maint. Cost	Ag. Value of Total Cost
1.	Dhakaich to Kather.	4.200	13598479=00	3848043=00	17446523=00
2.	Niyazipur Bandh to Gangauli tak.	3.200	12884600=00	3250937=00	16135537=00
3.	T02 to Dubauli.	2.200	4119533=00	1945109=00	6064642=00
4.	L044 to Tawkal Ray Ke Dera	2.320	5786032=00	2090066=00	7876099=00
5.	PWD Road to Ranisighanpura.	3.100	9794238=00	2804008=00	12598247=00
	Total :-	15.020	4,61,82,882=00	1,39,38,166=00	T- 6,01,21,048=00

Name of agency:

श्री हेमन्त कुमार सिंह

Rate-15.61% Below

ग्राम - शिवपुरी, पोस्ट + थाना - बक्सर

जिला - बक्सर

Block-Simri

Mob. No. - 8757563999

Agreement No.03.....MBD of 2022-2023

Date of Start work04-07-2022

Date of Complete work. 03-04-2023

Registration No.:- RWD, BIHAR PATNA-1180131/Class-I

Hemant Ks Singh

Signature of the Contractor.

Executive Engineer
R.W.D. Works Division, Buxar

9/7/2022

कार्यपालक अभियंता
राज्यीय कार्य विभाग
कार्य प्रमण्डल, बक्सर



बिहार BIHAR

27 MAY 2022

AGREEMENT FORM

AN 234787

This Agreement made theday of...../2022

Between **The Executive Engineer R.W.D Work Division Buxar** ("The Employer") of the one part, and **Sri Hemant Kumar Singh, village- Shivpuri, post- Buxar, P.s.- Buxar, Distt. Buxar (Bihar).** [Name & address of Contractor] ("The Contractor") of the other part.

Whereas the Employer is desirous that the Contractor execute Output and performance based Rural Road contract for the maintenance of Roads **Package No.- MR-N/21-22 BUXAR/03** (hereinafter called "The Works") and the Employer has accepted the Bid by the Contractor for the execution of such Works and the remedying of any defects therein, at a contract price of Rupees – **6,01,21,048.00** (Six Crore One Lac Twenty One thousand Fourty Eight) only

Sl. No.	Name of Road	Length (km)
1.	Dhakaich to Kather.	4.200
2.	Niyazipur Bandh to Gangauli tak.	3.200
3.	T02 to Dubauli.	2.200
4.	L044 to Tawkal Ray Ke Dera	2.320
5.	PWD Road to Ranisighanpura.	3.100

[15.61 % Below]

Hemant K Singh

कार्यपालक अभियंता
राज्यीय कार्य विभाग
प्रमण्डल, बक्सर

NOW THIS AGREEMENT WITNESSETH as follows:

1. In this Agreement, words and expressions shall have same meanings as are respectively assigned to them in the Conditions of contract hereinafter referred to, they shall be deemed to form and be read and construed as part of this Agreement.
2. In consideration of 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 and completion of the works and the remedying the defects wherein the contract price or such other sum as may become payable under the contract at the times and in the manner prescribed by the contract.
4. The following documents shall be deemed to form and be read and construed as part of this Agreement, viz
 - (i) Letter of Acceptance;
 - (ii) Notice to proceed with the works.
 - (iii) Contractor's Bid;
 - (iv) Contract Data;
 - (v) Special Conditions of contract the General conditions of contract;
 - (vi) Specifications;
 - (vii) Drawings;
 - (viii) Bill of Quantities ;and
 - (ix) Any other document listed in the contract Data as forming part of the contract.

In witness where of the parties thereto have caused this Agreement to be executed the day and year first bore 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.....

Earnest Money - Rs.

I.S.D. Rs.

Date of Commencement -

Date of Completion -

FD Rs - 21,83,000 = 00

B - 15,51,000 = 00

Rs - 06,06,000 = 00

B - 21,43,000 = 00

B - 14,25,000 = 00

T - 79,08,000 = 00

Hemant K Singh

04.02.22
कार्यपालक अभियंता
ग्रामीण कार्य विभाग
राज्य प्रमण्डल, भयनगर
04/02/22

Tender Inviting Authority: Engg-in Chief RWD Patna

Name of Work: L044 TO TABKAL RAY KE DERA

Contract No: Civil Works/

Name of the
Bidding
Firm/ Company:

(This BOD 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)

PRICE SCHEDULE

NUMBER #	TEXT #	NUMBER #	TEXT #	NUMBER #	NUMBER #	TEXT #
Sl. No.	Item Description	Quantity	Units	Estimated Rate	TOTAL AMOUNT With Taxes	TOTAL AMOUNT In Words
1	2	4	5	6	64	55
1	Clearing and Grubbing Road Land (By manual means) including uprooting wild vegetation, grass, bushes, shrubs, saplings and trees of girth upto 300mm, removal of stumps of such trees cut earlier & disposal of non-recyclable materials & stacking of serviceable materials to be used or stockpiled upto a lead of 1000 m including removal and disposal of top organic soil not exceeding 150mm in thickness as per technical specifications clause 201.1 and direction of E&M	0.46	Hect.	59705.18	27464.38	M/R Twenty Seven Thousand Four Hundred & Sixty Four and Paise Thirty Eight Only

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By
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E.E

By
02/04/20
RWD
S.E

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.	1983.60	cum	346.41	48878.88	INR Four Lakh Eighty Eight Thousand Seven Hundred & Seventy Eight and Paise Eighty Eight Only
3	Granular Sub-base with Well Graded Material (Table 400.1) For Grading II Material 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 smooth wheel roller to achieve the desired density, complete as per Technical Specification Clause 401.	28.72	cum	3573.88	102641.83	INR One Lakh Two Thousand Six Hundred & Forty One and Paise Eighty Three Only

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MIRA

as Corrected

4	WBM Grading 2 (By Mechanical Means) Providing, laying, spreading and compacting stone aggregates of specific sizes to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with three wheel 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 2 as per Technical Specification Clause 405.	26.02	cum	5566.60	144842.93	INR One Lakh Forty Four Thousand Eight Hundred & Forty Two and Paise Ninety Three Only
5	WBM Grading 3 (By Mechanical Means) Providing, laying, spreading and compacting mechanically crushed 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/blading material to fill-up the interstices of coarse aggregate, watering and compacting to the required density Grading 3 as per Technical Specification Clause 405.	32.64	cum	5072.38	165552.48	INR One Lakh Sixty Five Thousand Five Hundred & Sixty Two and Paise Forty Eight Only

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6	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 602	433.25	Sqm	54.12	23555.73	PNR Twenty Three Thousand Five Hundred & Fifty Five and Paise Seventy Three Only
7	Tack Coat Providing and applying tack coat with Bitumen emulsion (SS-1) using emission distributor at the rate of 0.25 to 0.80 kg per sqm on the prepared granular surfaces treated with primer & cleaned with Hydraulic Jet as per Technical Specification Clause 603	10192.25	Sqm	18.10	182869.73	PNR One Lakh Eighty Two Thousand Six Hundred & Sixty Nine and Paise Seventy Three Only

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8	Patch work over WEM using Mix and surface for bituminous and Existing C.C. Pavement Providing, laying and rolling of close-graded premix surfacing material of 20 mm thickness composed of 11.2 mm to 0.8 mm (Type-A) or 18.2 mm to 0.9 mm (Type-B) aggregates using pulverization 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 6-10 KN static roller and finishing to required level and grades as per Technical Specification Clause 509	1302.25	Sqm	214.08	331637.82	INR. Three Lakh Thirty One Thousand Six Hundred & Thirty Seven and Paise Ninety Two Only
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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.	319.68	/	cum	12278.91	/	2697430.55	INR Twenty Six Lakh Ninety Seven Thousand Four Hundred & Thirty and Paise Ninety Five Only
10	ii) Km stone	3.00	/	Each	75581.56	/	7744.68	INR Seven Thousand Seven Hundred & Forty Four and Paise Sixty Eight Only
11	iii) 200 m stone	10.00	/	Each	716.67	/	7166.70	INR Seven Thousand One Hundred & Sixty Six and Paise Seventy Only
12	Painting lines, dashes, arrows, etc. on roads in two coats on old work with ready mixed road marking paint conforming to IS:164 on bituminous/concrete surface, including cleaning the surface of all dirt, dust and other foreign matter, demarcation at site and traffic control as per drawing and technical specification Clause 1702	23.30	/	Sqm	88.82	/	2060.62	INR Two Thousand & Sixty and Paise Sixty Two Only


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13	Providing and erecting a "W" metal beam crash barrier comprising of 3 mm thick corrugated sheet metal beam rail, 70 cm above road/ground level, fixed on ISMC series channel vertical post, 150 x 75 x 5 mm spaced 2 m centre to centre, 1.8 m high, 1.1 m below ground/road level, all steel parts and fittings to be galvanised by hot dip process, all fittings to conform to IS:1367 and IS:1364, metal beam rail to be fixed on the vertical post with a spacer of channel section 100 x 75 x 5 mm, 330 mm long complete as per clause 810	35.00	M	2736.70	95784.50	INR Ninety Five Thousand Seven Hundred & Eighty Four and Paise Fifty Only
14	Providing and fixing of retro-reflectors cautionary, mandatory and informative 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	9.00	Each	3786.45	33098.05	INR Thirty Three Thousand Eight Hundred & Ninety Eight and Paise Five Only

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15	600 mm circular	5.00	Each	3663.23	19016.15	INR Nineteen Thousand & Sixteen and Paise Fifteen Only
16	600 mm x 450 mm rectangular	7.00	Each	3676.29	26734.03	INR Twenty Five Thousand Seven Hundred & Thirty Four and Paise Three Only
17	900 mm side octagon	2.00	Each	7601.70	15203.40	INR Fifteen Thousand Two Hundred & Three and Paise Forty Only
18	Reinforced cement concrete M15 grade boundary pillars/local stone of standard design as per IRC26, fixed in position including finishing and lettering but excluding painting as per drawing and Technical Specification Clause 1704	28.00	Nos	615.20	17225.60	INR Seventeen Thousand Two Hundred & Twenty Five and Paise Sixty Only
19	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	612.00	height per	0.60	367.20	INR Three Hundred & Sixty Seven and Paise Twenty Only
20	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	85.00	Each	1088.65	92532.70	INR Ninety Two Thousand Five Hundred & Thirty Two and Paise Seventy Only

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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 bobs.	472.00	Sqm	771.73	354256.56	INR Three Lakh Sixty Four Thousand Two Hundred & Fifty Six and Paise Fifty Six Only
22	Providing and fixing of typical MGSY informative sign board with Logo as per MOID 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 post duly embedded in cement concrete M-16 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	2.00	Noe	10136.67	20873.34	INR Twenty Thousand Eight Hundred & Seventy Three and Paise Thirty Four Only
22	Brick masonry work in cement mortar 1:3 in parapet excluding pointing and plastering as per drawing and technical specifications Clause 600, 900 and 1208.4	5.64	cum	5630.78	47584.14	INR Forty Seven Thousand Nine Hundred & Eighty Four and Paise Fourteen Only

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24	Plastering with cement mortar (1:4) on brick work in sub-structure as per Technical Specifications	60.48	Sqm	170.16	10291.28	INR Ten Thousand Two Hundred & Ninety One and Paise Twenty Eight Only
25	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	175.58	Sqm	109.43	19224.56	INR Nineteen Thousand Two Hundred & Twenty Four and Paise Sixty Six Only
26	Earth work in excavation for foundation of structures upto 3.0 m depth as per drawing and technical specification clause 1104	107.01	cum	314.41	33645.91	INR Thirty Three Thousand Six Hundred & Forty Five and Paise One Only
27	Providing M15 (PCC 1:2.5:5) as levelling course in foundation :- Providing PCC M 15 (1:2.5:5) concrete for plain concrete in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203	76.37	cum	6218.37	474896.92	INR Four Lakh Seventy Four Thousand Eight Hundred & Ninety Six and Paise Ninety Two Only
28	Plain/reinforced cement concrete in substructure complete as per drawings and technical specification Clauses 802, 804, 805, 806, 807, 1202 and 1204 (M20)	21.54	cum	7141.98	153837.17	INR One Lakh Fifty Three Thousand Eight Hundred & Thirty Seven and Paise Seventeen Only

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29	Providing and laying RCC pipe NP-3 for culverts on first class bedding of PCC M10 material in single row including fixing collar with cement mortar 1:2 but excluding excavation, protection work, backfilling concrete and masonry works in head walls and parapets as per clause 1106	7.50	RM	3168.50	23763.75	INR Twenty Three Thousand Seven Hundred & Sixty Three and Paise Seventy Five Only
30	Painting on Parapet Wall (Black & White Strips) 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	37.44	Sqm	104.42	4097.06	INR Four Thousand & Ninety Seven and Paise Six Only
31	Sand Filling in Foundation Trenches as per drawing and technical specification Clause 1108.	2.02	cum	630.93	1672.48	INR One Thousand & Seventy Two and Paise Forty Eight Only
32	Plain/reinforced cement concrete in substructure complete as per drawings and technical specification Clauses 803, 804, 805, 806, 807, 1202 and 1204. (M15 (PCC 1:2.5:5)	38.39	cum	6676.76	259058.58	INR Two Lakh Fifty Nine Thousand & Fifty Eight and Paise Fifty Eight Only
33	RCC M25 in Deck Slab :- Providing and laying reinforced cement concrete in superstructure (Deck slab M25) as per drawing and technical specifications Clauses 800, 1205.4, 1206.5	8.01	cum	8182.09	66538.54	INR Sixty Five Thousand Five Hundred & Thirty Eight and Paise Fifty Four Only

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34	Supplying, fitting and placing HYSD bar reinforcement in super-structure complete as per drawing and technical specifications	0.51	MT	68561.20	52390.69	INR Sixty Two Thousand Three Hundred & Ninety and Paise Sixty Nine Only
35	Providing and filling joint sealing compound as per drawings and technical specifications with coarse sand and 5 per cent bitumen by weight	16.00	RM	43.35	690.25	INR Six Hundred & Fifty and Paise Twenty Five Only
36	Providing Weepholes in brick masonry, Plain / Reinforced concrete abutment, wing wall, return wall with 100 mm dia AC pipe extending through the full width of the structure with slope of 1V: 20H towards drawing	40.00	Nos	115.15 4606.00		INR Four Thousand Six Hundred & Six Only
37	Drainage spouts complete as per drawing and technical specifications Clause 1209.	2.00	Nos	758.84	1517.68	INR One Thousand Five Hundred & Seventeen and Paise Sixty Eight Only
38	ADD GST @12%	0.12	Percent	6029022.57	723482.71	INR Seven Lakh Twenty Three Thousand Four Hundred & Eighty Two and Paise Seventy One Only
39	ADD LABOUR CESS @1%	0.01	Percent	6029022.57	60290.23	INR Sixty Thousand Two Hundred & Ninety and Paise Twenty Three Only
40	Add Seigniorage Fee @ 10%	0.10	Percent	435060.00	43506.00	INR Forty Three Thousand Five Hundred & Six Only
41	Maintenance cost of Project road for the 1st year	2.32	Km	66778.86	154927.00	INR One Lakh Fifty Four Thousand Nine Hundred & Twenty Seven Only
42	Maintenance cost of Project road for the 2nd year	2.32	Km	121541.81	281977.00	INR Two Lakh Eighty One Thousand Nine Hundred & Seventy Seven Only
43	Maintenance cost of Project road for the 3rd year	2.32	Km	286767.38	668917.01	INR Six Lakh Sixty Nine Thousand Nine Hundred & Seventeen and Paise One Only
44	Maintenance cost of Project road for the 4th year	2.32	Km	148636.21	344836.01	INR Three Lakh Forty Four Thousand Eight Hundred & Thirty Six and Paise One One Only

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45	Maintenance cost of Project road for the 5th year=	2.32	RM	218811.64	735003.00	INR Seven Lakh Thirty Five Thousand & Three Only
46	ADD GST @12%	0.12	Percent	2188600.02	262398.20	INR Two Lakh Sixty Two Thousand Three Hundred & Ninety Nine and Paise Twenty Only
47	ADD LABOUR CHGS @1%	0.01	Percent	2186600.08	21866.00	INR Twenty One Thousand Eight Hundred & Sixty Six and Paise Sixty Only
48	Add Sefigniorage Fee @ 10%	0.10	Percent	57480.00	5748.00	INR Five Thousand Seven Hundred & Forty Eight Only
Total in Figures					9332975.33	Ninety Three Lakh Thirty Two Thousand Nine Hundred & Seventy Five and Paise Thirty Three Only
Quoted Rate in Figures			Select		0.00	INR Zero Only
Quoted Rate in Words		INR Zero Only		0.00	93.329	INR 93.329

Ramp
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Bill of Quantity approved for Rs. 93.329 Lacs (Rupees
ninety Three Lacs Thirty Two Thousand
nine hundred & seventy five and Paise
thirty three only) only.

Supervising Engineer
Rural Works Department
Works Circle And