



ग्रामीण कार्य विभाग

Rural Works Department, Govt of Bihar

SUPPLYMENTARY AGREEMENT 4515 NABARD



UNDER RWD WORKS DIVISION BIHARSHARIF

C/S Approved By S.E. RWD Work Circle Nalanda Vide Letter 1380(we) Dated 31.07.18

**PROJECT NAME :- CONSTRUCTION OF ROAD FROM BIHAR-
NIJAY ROAD TO ABDULICHAK INCLUDING
5yrs. MAINTANANCE.**

REGISTRATION NO- 2150467 PAN NO- CSNPS4579P

TENDER ID-74003

BID ID- 335787

NAME OF CONTRACTOR :- PREM SHILA,

CONTRACTOR ADDRES :- MAHADEO BIGHA. BELAR, NAWADA

BLOCK

:- RAHUI

Rate for Supplementary Agreement Approved Vide S.E. RWD Work Circle

Nalanda Letter No.- 838 (अनु०) Dated 16.08.2022

SUPPLEMENTARY AGREEMENT NO.- SBD-21(S)/2019-20

IN CONTIUATION TO AGREEMENT NO.- SBD-21/2019-20

REVISED COST OF BOQ:- Rs. 60,97,574.00

ORIGINAL COST OF BOQ:- Rs. 60,41,901.00

ACCEPTED RATE :- 10% Below of BOQ Rate

ORIGINAL AGREEMENT VALUE:- Rs. 54,37,711.00

SUPPLEMENTARY AGREEMENT VALUE :- Rs. 50,106.00

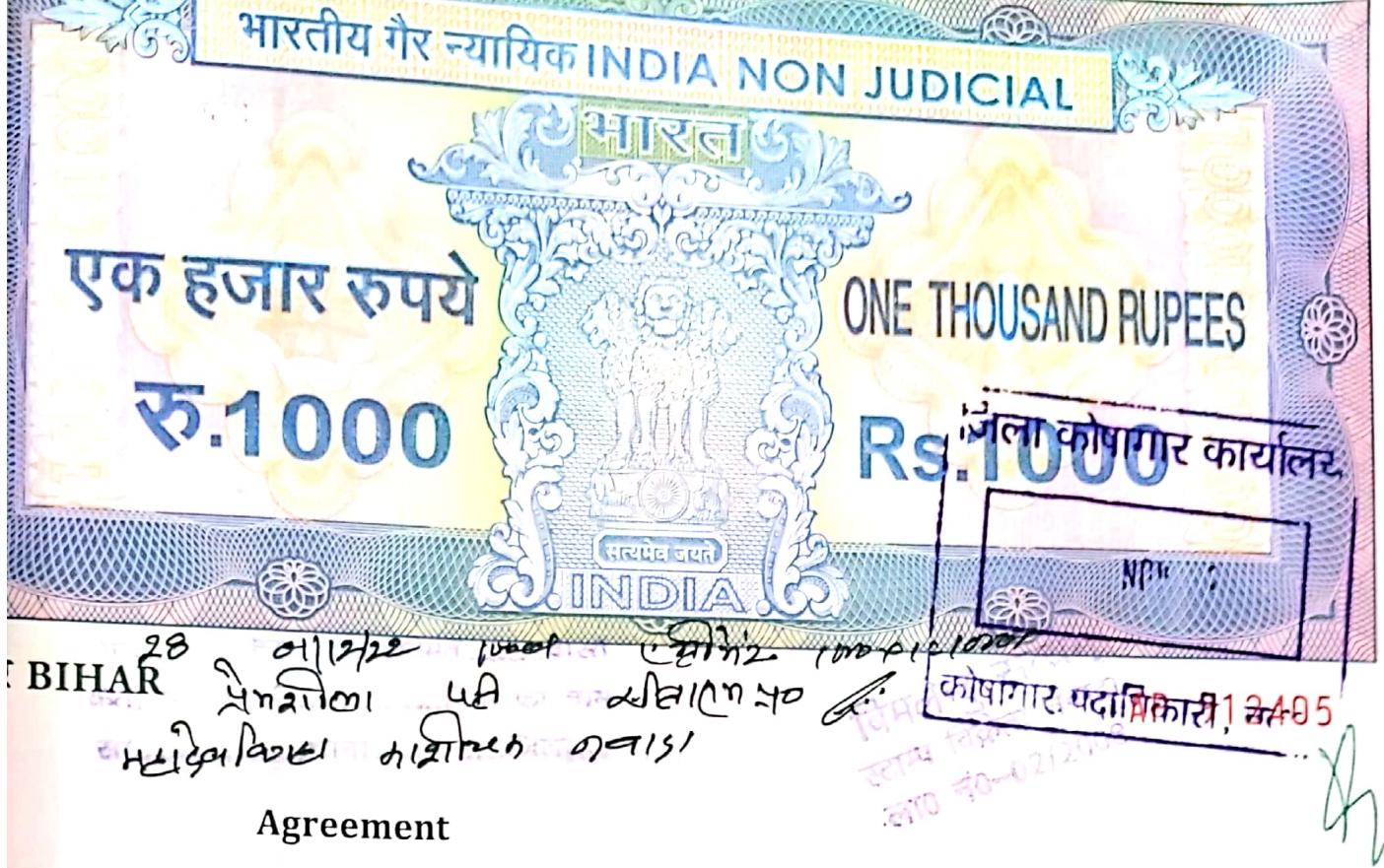
TOTAL AGREEMENT VALUE :- Rs. 54,87,817.00

Original copy

Executive Engineer

Rural Works Division

Biharsharif



Agreement

This agreement made the 2 day of 12 2022

Between Executive Engineer, Rural Works Department, Works Division, Bihar Sharif under Plan Head 4515 Nabard for BRRDA 5th Floor Vishweshwaraiya Bhawan, Jawaharlal Nehru Marg, Patna.- 15 (Name and address of Employer) (hereinafter called" the Employer") of part, and
PREMSHILA,
VILL- MAHADEV BIGHA, PO- BELAR,
PS- KASHICHAK, DISTT- NAWADA.

Whereas the Employer is desirous that the Contractor execute of the of Construction of Road from Bihar-Nijay Road to Abdulichak Village including five year maintenance under Head 4515 Nabard. [Name and identification number of Contract] (here in after 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 there in at a cost of Rupees 50,106.00 (Fifty Thousand One Hundred & Six) only.

प्रेमशिला

21/12/22

Executive Engineer
R.W.D. Work Division
Bihar Sharif
21/12/22

अधीक्षण अभियंता का कार्यालय
ग्रामीण कार्य विभाग, कार्य अंचल, नालन्दा

पत्रांक-638(अनु०).....

नालन्दा/दिनांक 16/8/2022

प्रेषक,

अधीक्षण अभियंता,
ग्रामीण कार्य विभाग,
कार्य अंचल, नालन्दा

सेवा में,

कार्यपालक अभियंता,
ग्रामीण कार्य विभाग,
कार्य प्रमंडल, बिहारशरीफ।

विषय :- शीर्ष-बाढ़ से क्षतिग्रस्त पथों में (Restoration) योजनान्तर्गत 04(चार) अर्द्ध पथों का पुनरीक्षित परिमाण विपत्र अनुमोदन के संबंध में।

प्रसंग :- आपका पत्रांक-1155(अनु०) दिनांक:-06.05.2022

महाशय,

उपर्युक्त विषयक प्रासंगिक पत्र से प्राप्त विषयांकित योजनान्तर्गत 04(चार) अर्द्ध योजनाओं का पुनरीक्षित परिमाण विपत्र अनुमोदन कर वापस की जाती है। सभी पृष्ठ अनुमोदित हैं।

क्र०	योजना का नाम	पुनरीक्षित परिमाण विपत्र की राशि (रुपया में)
1	Rahui Mahaddipur ke Kona To Dulchandpur Village.	5508594.00
2	Saidi More To Basak Saidi Road To Saidalli Village Via Pax Godam	4369733.00
3	Bihar-Nijay Path To Gram Abdulli chak	5573778.00
4	Rampur Badi Ghariyari To SH-78	4273499.00

अनु०:-यथोक्त (एक प्रति मूल में)।

विश्वासभाजन

अधीक्षण अभियंता,

ग्रामीण कार्य विभाग, कार्य अंचल, नालन्दा।

16/8/22

16/8/2022

Executive Engineer
R.W.D. Work Division.

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21/2/22

REVISED BOQ INCLUDING RESTORATION WORK

CONSTRUCTION OF ROAD FROM BIHAR-NIJAY PATH TO GRAM ABDULLI CHAK

Sl. No.	Description of work	Quantity	Units	Estimated Rate	Total Amount With Taxes
1	Providing & Fixing of Working benchmark/Reference Pillars 01 nos. per km & 04 Nos. of reference pillars required for 1 Km. as per drawings given and direction of E/I				
2	Benchmark Pillars 01 nos. per km	1.000	No	4372.55	4372.55
3	Reference Pillars 04 nos. per km	2.000	No	1946.88	3893.76
4	<u>Clearing and Grubbing Road Land</u> Clearing and Grubbing Road Land (By manual means) including uprooting wild vegetation , grass ,bushes ,shrubs , saplings and trees of girth upto 300mm , removals of stumps of such trees cut earlier & disposal of unserviceable materials & stacking of serviceable materials to be used or auctioned upto a lead of 1000 m including removal and disposal of top organic soil not exceeding 150mm in thickness as per technical specification - clause 201.1 and direction of E/I (By Manual Means) In area of non-thorny jungle	0.510	Hect.	49739.47	25367.13
5	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 lead of 1000 m as per Technical Specification Clause 202.				
6	Cement Concrete	0.230	Cum	474.67	109.17
7	Reinforced Cement Concrete	2.520	Cum	1066.61	2687.86
8	Cement mortar	24.750	Cum	228.40	5652.90
9	Construction of embankment with approved material obtained from borrow pits with a lift upto 1.5 m, transporting to site, spreading, grading to required slope and compacting to meet requirement of Tables 300.1 and 300.2 with a lead upto 1000 m as per Technical Specification Clause 301.5	1220.140	Cum	185.97	226909.44
10	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 & 100 m as per Technical Specification Clause 303.1. (Including Royalty & Labour Cess).	1846.520	Cum	189.11	349195.40
11	Granular Sub-base with Well Graded Material (Table 400.1) :- Construction of granular sub-base by providing well graded material, spreading in uniform layers with tractor mounted grader arrangement on prepared surface, mixing by mix in place method with rotavator at OMC, and compacting with smooth wheel roller to achieve the desired density, complete as per Technical Specification Clause 401. (For Grading I Material)	545.450	Approved as Corrected SE, RWD (W) Circle Nalanda 1942.10		1059318.45

Executive Engineer
R.W.D. Work Division.

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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.					
13	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 0.70-1.0kg/sqm using mechanical means as per Technical Specification Clause 502	209.420	Cum	2826.90	592009.40
14	Mix Seal Surfacing 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 509	2295.000	Sqm	54.97	126156.15
15	Tack Coat:- Providing and applying tack coat with Bitumen emulsion (RS-1) using emulsion distributor at the rate of 0.25-0.30kg per sqm on the prepared granular surfaces treated with primer & cleaned with Hydraulic broom as per Technical Specification Clause 503.	2295.000	Sqm	191.33	439102.35
16	Cement Concrete Pavement M30 Construction of un-reinforced, plain cement concrete pavement, thickness as per design, over a prepared sub base, with 43 grade cement or any other type as per Clause 1501.2.2 M30 (Grade), coarse and fine aggregates conforming to IS:383, maximum size of coarse aggregate not exceeding 25 mm, mixed in a concrete mixer of not less than 0.2 cum capacity and appropriate weigh batcher using approved mix design, laid in approved fixed side formwork (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the formwork as per drawing), spreading the concrete with shovels, rakes, compacted using needle, screed and plate vibrators and finished in continuous operation including provision of contraction and expansion, construction joints, applying debonding strips, primer, sealant, dowel bars, near approaches to bridge/culvert and construction joints, admixtures as approved, curing of concrete slabs for 14-days, using curing compound (where specified) and water finishing to lines and grade as per drawing and Technical Specification Clause 1501.	2295.000	Sqm	18.63	42755.85
17	Hard Shouldering :- 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 412	79.560	Cum	7927.35	630699.97
		130.000	sqm	507.08	65920.40

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Nalanda

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	Providing and laying of a reinforced cement concrete pipe duct, 300 mm dia, across the road (new construction), extending from drain to drain in cuts and toe of slope to toe of slope in fills, constructing head walls at both ends, providing a minimum fill of granular material over top and sides of RCC pipe as per IRC:981997, bedded on a 0.3 m thick layer of granular material free of rock pieces, outer to outer distance of pipe at least half dia of pipe subject to minimum 450 mm in case of double and triple row ducts, joints to be made leak proof, invert level of duct to be above higher than ground level to prevent entry of water and dirt, all as per IRC: 98 - 1997 and approved drawings.	10.000	RM	984.63	9846.30
19	ii) Km Stone	1.000	Each	2174.15	2174.15
20	iii) 200m Stone	3.000	Each	635.15	1905.45
21	<u>Retro-reflectorised Traffic Signs :-</u> 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				0.00
22	600 mm equilateral & triangle	8.000	Each	4001.07	32008.56
23	800 mm x 600 mm rectangular	4.000	Each	7667.57	30670.28
24	600 mm x 450 mm rectangular	4.000	Each	5291.13	21164.52
25	900 mm side octagon, OR	2.000	Each	9840.32	19680.64
26	Boundry Pillar/ Guard Post 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	24.000	No	523.03	12552.72
27	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	132.000	per cm height per letter	0.52	68.64
28	<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.	120.000	Sqm	850.93	102111.60
29	<u>Road Marking with Hot Applied Thermoplastic Compound with Reflectorising Glass Beads on Conctete 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.	26.000	Sqm	953.99	24803.74

24/12/22

21/12/22

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	Providing and Fixing 'Logo' of MMGSY Project :- Providing and fixing of typical MMGSY 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 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	4.000					Approved as Corrected SE, RWD (W) Circle Bhadrachalam Each 16945.53 39782.12
31	Earthwork in excavation for structures as per drawing and technical specifications Clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and disposal upto a lead of 50 m, dressing of sides and bottom and backfilling in trenches with excavated suitable material.	243.57	Cum	285.71		69590.38	
32	Sand Filling in Foundation :- Sand Filling in Foundation Trenches as per drawing and technical specification Clause 1108	10.800	Cum	486.52		5254.42	
33	Providing PCC M-15 M15 (PCC 1:2.5:5) Concrete for plain concrete in open foundation complete as per drawings and technical specification Clauses 802, 804, 805, 806, 807, 1202 and 1204.	26.170	Cum	5156.46		134944.56	
34	Providing concrete for plain/reinforced concrete in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203 PCC M-20 Grade	33.400	Cum	5813.00		194154.20	
35	Plain/reinforced cement concrete in substructure complete as per drawings and technical specification Clauses 802, 804, 805, 806, 807, 1202 and 1204 PCC M-20 Grade	88.750	Cum	6054.60		537345.75	
36	Brick masonry in 1:4 cement mortar:- Brick masonry work in cement mortar in foundation complete excluding pointing and plastering as per drawing and technical specifications Clause 600, 1202 & 1203.	37.130	Cum	5156.46		191459.36	
37	Plain/reinforced cement concrete in substructure complete as per drawings and technical specification Clauses 802, 804, 805, 806, 807, 1202 and 1204 RCC M-25 Grade	10.020	Cum	6827.21		68408.64	
38	Supplying, fitting and placing HYSD bar reinforcement in foundation complete as per drawings and technical specification Clauses 1002, 1005, 1010 & 1202	0.160	MT	76714.94		12274.39	
39	Supplying, fitting and placing HYSD bar reinforcement (Fe 415) in substructure complete as per drawings and technical specification Clauses 1002, 1005, 1010 & 1202	1.590	MT	76864.00		122213.76	
40	Supplying, fitting, and placing HYSD bar reinforcement in superstructure complete as per drawing and technical specifications Clauses 1002, 1010 and 1202	1.840	MT	77987.29		143496.61	

Executive Engineer
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Backfilling behind abutment, wing wall and return wall complete as per drawings & technical specification Clause 1204.3.8 (With Sandy Materials)					
	Providing and laying filter media with granular crushed aggregates as per specification to a thickness of not less than 600 mm with smaller size towards the soil and bigger size towards the wall and providing full height, compacted to firm condition complete as per drawing and technical specification Clause 1204.3.8	34.290	Cum	741.34	25420.55
43	Providing and laying reinforced cement concrete in superstructure as per drawing and technical specifications Clauses 800, 1205.4 and RCC M-30 Grade	19.820	Cum	2562.65	50791.72
44	Plastering with cement mortar (1:4) 15mm Thick:-- Plastering with cement mortar (1:4) on brick work in sub-structure as per Technical Specifications	4.380	Cum	7536.15	33008.34
45	Providing and laying RCC pipe NP-3 for culverts on first class bedding of PCC M10 material in single row including fixing collar works, backfilling concrete and masonry works in head walls and parapets as per clause 1106 (1000 mm Dia)	270.000	Sqm	176.07	47538.90
46	Providing and laying RCC pipe NP-3 for culverts on first class bedding of PCC M10 material in single row including fixing collar works, backfilling concrete and masonry works in head walls and parapets as per clause 1106 (600 mm Dia)	7.500	Rm	4193.58	31451.85
47	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	7.500	Rm	1107.70	8307.75
48	1.5 mm cement punning:-- Providing 1.5 mm cement punning including curing carriage of water with all leads and lifts as per building specification and direction of E/I	60.770	Sqm	108.98	6622.71
49	Providing weepholes in brick masonry/stone masonry, plain/reinforced concrete abutment, wing wall, return wall with 100 mm dia AC pipe extending through the full width of the structures with slope of 1(V):20(H) towards drawing face complete as per drawing and technical specification Clauses 614, 709, 1204.3.7	270.000	Sqm	51.73	13967.10
50	Drainage spouts complete as per drawing and technical specifications Clause 1209	36.000	Nos.	131.51	4734.36
51	1st Year Maintenance cost	4.000	Nos.	468.21	1872.84
52	2nd Year Maintenance cost	1.000	Year	21840.00	21840.00
53	3rd Year Maintenance cost	1.000	Year	28604.00	28604.00
54	4th Year Maintenance cost	1.000	Year	190925.00	190925.00
55	5th Year Maintenance cost	1.000	Year	68155.00	68155.00
				214273.00	214273.00
				Total Rs.	6097574.68

Approved as Corrected

SE, RWD (W) Circle

Nalanda

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Approved as Corrected

SE, RWD (W) Circle

Nalanda

21/12/22

Executive Engineer
RWD Works Division
Biharsharif

Executive Engineer

RWD Works Division
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B.O.Q. Approved for Rs. 5573778.00

(Rs. Fifty Five lakh Seventy Three Thousand Seven hundred ^{seventy Eight}) only for

Construction Cost and Rs. 523797.00 (Rs. Five lakh

Twenty two Thousand Seven hundred ^{Ninety Seven} only for Maintenance work. Total

Rs. 6097575.00 (Rs. Sixty lakh Ninety Seven thousand Five ^{hundred Seventy Five}) only.

7
20/12/22

A.E.

RWD

Circle Nalanda

S.E.

RWD

Circle Nalanda

21/12/22
Executive Engineer
R.W.D. Work Division
Biharsharif

21/12/22



ग्रामीण कार्य विभाग

Rural Works Department, Govt of Bihar

SBD AGREEMENT

4515 NABARD



Mech Work - 4966,294/-

Maintenance - 471,417/-

Total 54,37,711/-

UNDER

RWD WORKS DIVISION BIHARSHARIF

C/S Approved By S.E. RWD Work Circle Nalanda Vide Letter 1380(we) Dated 31.07.18

PROJECT NAME :- CONSTRUCTION OF ROAD FROM BIHAR-

NIJAY ROAD TO ABDULCHAK INCLUDING

5yrs. MAINTANANCE.

REGISTRATION NO- 2150467 PAN NO- CSNPS4579P

TENDER ID-74003

BID ID- 335787

NAME OF CONTRACTOR :- PREM SHILA,

CONTRACTOR ADDRES :- MAHADEO BIGHA. BELAR, NAWADA

BLOCK :- RAHUI

AGREEMENT No. :- SBD- .21...../2019-20

ACCEPTED RATE :- 10.00% Below of BOQ Rate.

AGREEMENT Value :- Rs. 54,37,711.00

WORK STARTED DATE :- 29/08/19

INTENDED DATE OF COMPLETION:- 28/05/2020

2019 fee - 4966294

Executive Engineer
R.W.D. Work Division

Nalanda Bihar Sharif
29/08/19