



ग्रामीण कार्य विभाग
Rural Works Department, Govt of Bihar

SUPPLYMENTRY AGREEMENT
HEAD 3054 M/R TO ROAD



UNDER
RWD WORKS DIVISION BIHARSHARIF

C/S Approved By S.E. RWD Work Circle Nalanda Vide Letter 2012(we) Dated 25.10.18

PROJECT NAME :- M/R TO ROAD FROM NH-31 DHAMAULI TO
BIHAR-NIJAY ROAD KHIRAUNA VIA
MUBARAKPUR INCL. 5yrs. MAINT.

REG. NO.- 1150110,

PAN NO- BICPS8354Q

TENDER ID-60497

BID ID-267313

NAME OF CONRCTOR

:- PREM KUMAR SINHA

CONTRACTOR ADD.

:- MAHESHPUR, CHANDI, NALANDA.

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

Nalanda Letter No.- 807 (अनु०) Dated 02.08.2022

SUPPLEMENTARY AGREEMENT NO.-

~~NS~~BD-05(S)/2018-19

IN CONTIUATION TO AGREEMENT NO.-

~~NS~~BD-05/2018-19

REVISED BOQ COST :-

Rs. 4,38,82,982.00

ORIGINAL BOQ COST:-

Rs. 4,32,85,198.00

ACCEPTED RATE :-

0.00% Below of BOQ Rate

ORIGINAL AGREEMENT VALUE:-

Rs. 4,32,85,198.00

TOTAL AGREEMENT VALUE :-

Rs. 4,38,82,982.00

SUPPLEMENTARY AGREEMENT VALUE :- Rs. 5,97,784.00

original copy

for em. Nalanda

21/11/22

21/11/22
Executive Engineer
R.W.D. Work Division
Biharsharif





23/11/22
र BIHAR
Agreement

This agreement made the _____ day of _____ 20____

Between Executive Engineer, Rural Works Department, Works Division, Biharsharif
under Non Plan Head M/R-3054 for BRRDA 5th Floor Vishweshwaraiya Bhawan, Jawaharlal
Nehru Marg, Patna.- 15 (Name and address of Employer) (hereinafter called "the Employer") of
part, and

Prem Kumar Sinha,

At-Maheshpur, Po-Madhopur

Chandi, Nalanda

Whereas the Employer is desirous that the Contractor execute of the M/R to Road From
NH-31 Dhamauli to Bihar-Nijay Road Khirauna Via Mubarakpur including five year
maintenance under Head M/R-3054. [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 5,97,784.00 (Five Lakh Ninety Seven Thousand Seven Hundred & Eighty Four)
only i.e on 0.00% (Zero Point, Zero Percent) below of Estimated Rate.

Prem K. Sinha

21/11/22

Executive Engineer
R.W.D. Work Division
Biharsharif



NOW THIS AGREEMENT WITNESSETH as follows:

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

All others clause of contract and terms and condition stipulated in original agreement no SBD-05/2018-19 will be admissible and applicable in this agreement.

The Common Seal of _____

Was here un to affixed in the presence of :

Signed, Sealed and Delivered by the said _____

In the presence of : _____

Binding Signature of Employee _____

Binding Signature of Contractor _____

Ram Krishna

[Signature]
21/11/22

[Signature] 21/11/22
Executive Engineer
R.W.D. Work Division
Biharsharif
21/11/22



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

प्रसंग, 807 (अनु.)

बालन्दा/दिनांक 02.11.22

प्रति,

अधीक्षण अभियंता,
ग्रामीण कार्य विभाग,
कार्य अंचल, बालन्दा

सेवा में,

समीक्षात्मक अभियंता,
ग्रामीण कार्य विभाग,
कार्य अंचल, बालन्दा

विषय :-

शोध-FDR (Restoration) योजनावली 12 (अनु.) अर्द्ध प्रयों का पुनर्निर्माण
परिमाण विपत्र अनुमोदन के संबंध में।

प्रमाण :-

आपका प्रसंग-807 (अनु.) दिनांक-21.11.20

समाचार,

अनुमोदित विपत्रक तर्जिमा कर के पाठ विवरण में योजनावली 12 (अनु.) अर्द्ध
योजनाओं का पुनर्निर्माण परिमाण विपत्र अनुमोदन कर आपसे हो जाती है। सभी पृष्ठ सुचीकृत
हैं।

क्र.सं.	योजना का नाम	पुनर्निर्माण विपत्र की राशि (रुपया में)
1	LO62-To3 To Sikandarpur.	11736103.00
2	Rahimpur Foot over Bridge To Gobariya Road.	8953632.00
3	Sondha More se Babubgia Hote Hue Middle Road ka chak.	30276039.00
4	Soyaba Aupur (SH-78) To Darhapur South.	10481581.00
5	SH-78 Saratpur Near Sadhujee Hon To Bakra.	19575055.00
6	NH-31 Dhamauli To Bihar Nijay Road Khirana via Mubarakpur.	43882982.00
7	SH-78 To Nirpur Chhatarpur via Jhana.	12635324.00
8	Badhiya Road ke Ramnathpur More To Ramnathpur.	10984054.00
9	Dulahanpur To Makampur via Bakra.	12440777.00
10	NH-82 To Fendi.	10984710.13
11	NH-31 To Rahul Bazar	29990405.00
12	LO71-TO1 To Ganjpur.	14353260.00
13	Bihar Nijay Road in Mathurapur To Farida.	37797896.00

अनुमोदित विपत्रक (एक प्रति मूल में)।

Pram K. Singh

21/11/22

Executive Engineer
R.W.D. Work Division

21/11/22

विश्वरामाजी

अधीक्षण अभियंता,
ग्रामीण कार्य विभाग, कार्य अंचल, बालन्दा

Scanned with CamScanner

REVISED BOQ INCLUDING RESTORATION WORK
CONSTRUCTION OF ROAD FROM NH-31 DHAMAULI TO BIHAR-NIJAY ROAD
KIHRAUNA VIA MUBARAKPUR

Description of work	Quantity	Units	Estimated Rate	Total Amount With Taxes
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	5.280	Ha	48744.04	257368.53
Scarifying Existing Bituminous Surface to a Depth of 50 mm and disposal disposal of scarified materials with lift upto 3m and lead upto 1000m as per technical specification clause 301.4	30103.13	Ha	14.83	446429.42
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.				
Cement Concrete	1.500	Cum	464.33	696.50
Reinforced Cement Concrete	3.360	Cum	1044.46	3509.39
Cement mortar/Brick work	24.750	Cum	223.09	5521.48
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).	23933.77	cum	148.45	3552968.16
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.	1491.710	cum	1552.07	2315238.34
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 2 as per Technical Specification Clause 405.	785.360	cum	2593.19	2036587.70

Prem K. Singh

27/11/22

Executive Engineer
R.W.D. Work Division

27/11/22



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.

3564.250

cum

2486.44

8862293.77

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 0.90- 1.2 kg/sqm using mechanical means as per Technical Specification Clause 502.

47523.320

Sqm

50.16

2383769.73

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.

49161.58

Sqm

16.87

829355.85

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 fine, 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

49161.58

Sqm

147.96

7273947.38

Providing and laying seal coat sealing the voids in a bituminous surface laid to the specified levels, grade and cross fall using Type B, as per Technical Specification Clause 510

49161.58

Sqm

51.67

2540178.84

Construction of un-reinforced, dowel jointed at expansion and construction joint only, plain cement thickness as per design, over a prepared sub base with 43 grade cement or any other type as per clause 1501 2.2 M 30 grade coarse and fine aggregate maximum size of aggregate not exceeding 25mm, mixed in a concrete of not less than 0.2cum capacity and appropriate weigh batcher using approved mix design, laid in approved fixed side formwork (steel channel, laying and fixing of 125 micron thick plythene 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 slab for 14 days curing compound (where specified) and water finishing to lines and grade as per drawing and Technical specification clause 1501.

624.870

cum

6750.74

4218334.90

Approved as Corrected

SE. FWD (W) Circle
Balandra

Amir

Pram Kr Singh

2/11/22

Executive Engineer
R.W.D. Work Division
Bihar



reinforced cement concrete M15 grade kilometre 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.				
i) 5th Km stone (Precast)	2.00	No.	3617.09	7234.18
ii) Ordinary Km stone (Precast)	14.00	No.	2158.27	30215.78
iii) 200 m stone (Precast)	53.00	No.	621.09	32917.77
<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				
600 mm equilateral & triangle	32.000	Each	1561.22	49959.04
600 mm circular,	6.000	Nos	1611.24	9667.44
800 mm x 600 mm rectangular	0.000	Each	2174.13	0.00
600 mm x 450 mm rectangular	12.000	Each	1606.12	19273.44
<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.	2470.000	Sqm	626.02	1546269.40
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 75mm 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	3.00	No.	7846.27	23538.81

Approved as Corrected

SE, RWD (W) Circle
Malandia

Amid

Pram Kr Singh

2/11/22

Executive Engineer
R.W.D. Work Division
Biharsharif



Painting 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				
Providing and laying pitching on slopes with stone/ Boulder laid over prepared filter media as per drawing in technical specifications Clause 1302	88.00	Nos	0.49	43.12
Providing and laying filter material underneath pitching in slopes complete as per drawing and technical specifications Clause 1302	360.00	Cum	2034.29	732344.40
Earth work in excavation of foundation trenches :- 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.	120.00	Cum	2507.66	300919.20
Sand Filling in Foundation Trenches as per drawing and technical specification Clause 1108.	423.960	Cum	208.00	88183.68
Sand Filling in Foundation Trenches as per drawing and technical specification Clause 1108.	2.020	Cum	484.73	979.15
Brick masonry work in cement mortar (CM 1:4) in foundation complete excluding pointing and plastering as per drawing and technical specifications Clauses 602, 603, 604, 1202 & 1203	51.000	Cum	441.48	22515.48
Brick masonry work in cement mortar (CM 1:4) in Substructure complete excluding pointing and plastering as per drawing and technical specifications Clauses 602, 603, 604, 1202 & 1203	63.410	Cum	6926.00	439177.66
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	69.200	Cum	7251.82	501825.94
Plain/Reinforced cement concrete(M-15) in substructure complete as per drawings and technical specification Clauses 802, 804, 805, 806, 807, 1202 and 1204	24.420	Cum	5028.61	122798.66
Plain/Reinforced cement concrete(M-20) in substructure complete as per drawings and technical specification Clauses 802, 804, 805, 806, 807, 1202 and 1204	71.916	Cum	5423.94	390068.07
Providing Bitumen painting over top surface of Abutment cap & inner vertical surface of Dirt Wall including Heating the bitumen & cost of painting brush etc. all complete.	108.750	Cum	5937.47	645699.86
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, 1205.5	15.000	Cum	16.87	253.05
Supplying, fitting and placing HYSD bar reinforcement in Sub-structure complete as per drawing and technical specifications	8.010	Cum	7201.72	57685.78
	9.800	MT	70757.53	693423.79

Prem K. Singh

21/11/22

Executive Engineer
R.W.D. Work Division
Bihar Sharif



supplying, fitting and placing HYSD bar reinforcement in super-structure complete as per drawing and technical specifications	1.040	MT	70757.53 71997.83	73557.83 74877.74
providing and filling joint sealing compound as per drawings and technical specifications with coarse sand and 6 per cent bitumen by weight	15.000	Cum	36.20	543.00
brick masonry work in cement mortar (CM 1:3) in parapet excluding pointing and plastering as per drawing and technical specifications Clauses 602, 603, 601, 1202 & 1203	2.110	Cum	7807.09	16472.96
plastering with cement mortar (1:3) 15mm thick on brick work in sub-structure as per Technical Specifications	105.520	Cum	183.98	19413.57
Painting Parapet wall painting two coats including primer and under filling the surface with synthetic enamel paint in all specification.	105.520	Cum	87.24	9205.56
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	15.040	Cum	50.81	764.18
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	42.000	Cum	132.23	5553.66
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 works, backfilling concrete and masonry works in head walls and parapets as per clause 1106	15.000	Nos.	3498.42	52476.30
5 years Maintenance				0.00
1st Year Maintenance cost	1.00	Year	331205.00	331205.00
2nd Year Maintenance cost	1.00	Year	447014.00	447014.00
3rd Year Maintenance cost	1.00	Year	668892.00	668892.00
4th Year Maintenance cost	1.00	Year	793774.00	793774.00
5th Year Maintenance cost	1.00	Year	1022886.00	1022886.00
			Total Rs.	4388427.66

43882981.51
Say 43882982.00
Net Amount = 43882982.00
Executive Engineer
RWD Works Division
Biharsharif

B) Total cost for 5 years 43882982.00
Four Crore Thirty Eight Lakh Eighty two thousand Nine hundred and Sixty
C) Total cost 4061324.00
Four Lakh Sixty one thousand three hundred and twenty four
D) Total cost 43882982.00
Four Crore Thirty Eight Lakh Eighty two thousand Nine hundred and Sixty

Signature

Prem Singh

Signature
Executive Engineer
R.W.D. Work Division
Biharsharif



ग्रामीण कार्य विभाग

Rural Works Department, Govt of Bihar

Received one copy
Date 19-09-2019

MBD AGREEMENT

HEAD 3054 M/R TO ROAD



Mean Work - 3,86,52,713 m²

Maintenance - 32,63,771 m²

Rate - 419,16,484 m²

UNDER

RWD WORKS DIVISION BIHARSHARIF

PROJECT NAME:- M/R TO ROAD FROM NH-31 DHAMAULI
TO BIHAR-NIJAY ROAD KHIRAUINA VIA
MUBARAKPUR INCL. 5YEAR MAINT.

C/S Approved By S.E. RWD Work Circle Nalanda Vide Letter 2012 (37) Dated 25.10.18

CONTRACTOR NAME :- SRI PREM KUMAR SINHA.

ADDRESS :- MAHESHPUR, CHANDI, NALANDA.

REGISTRATION NO.- 1150110/Class-I, PAN-BICPS8354Q

TENDER ID-60497 BID-267313

AGREEMENT NO. :- MBD-...05.../2018-19

ACCEPTED RATE :- 0.00% Below of BOQ Rate.

AGREEMENT Value :- Rs. 4,19,16,484.00

WORK STARTED DATE :- 20/11/18

INTENDED DATE OF COMPLETION:- 19/11/19 19-09-2019.

(9 months)

original copy

Pr. 2018-19

Executive Engineer
R.W.D. Work Division

Nishu Bihari sharma
20/11/18