

OFFICE OF THE EXECUTIVE ENGINEER
R.W.D. Works Division, Jagdishpur Bhojpur

Agreement Details Formet

Work Name:- NH-84 To Kateya Gumti (Bargahi Tola)
(एन०एच०-८४ कटेयों गुमटी से बरगही टोला)

Head:- NABARD REVISED ESTIMATE Fin. Year:- 2022-23 Length:- 4.00 Km

Block:- Bihiya Supplementary Agreement NO. 10 /NABARD/S.B.D./ 2022-23

Admin Approval (AA) Amt. ----- Lac Date- ----- Ref/Ltr No- -----

Tech. Sanction (T.S) Amt. ----- Lac Date- ----- Ref/Ltr No-.....

Agree Amt 904300.00 28 Maint:- ----- Const Amt-----

Agreement Date- 3/01/23 Work Order Date Completion Date

Earnest Money (E/M) Performance Security ind se Dep

Contractor Name:- Bharat Ratan Pandey (भारत रत्न पाण्डेय)

Address:- Friends Colony, Katira, Ara Bhojpur

Aadhar No- 810260203453

Mob:-

PAN No:- AKTPP9900B

GST NO:- 10AKTPP9900B1ZA

Registration No:- 1180015

Class:-I

Valid From:- 30.01.2023

Bank Name:-

Branch:-

Bank A/C No:-

IFSC Code:-

Page Work _____ Earth Work _____ GSB _____ CD Work

Sub Base: _____ Base (G-II,III) _____ Surface _____ PCC

Clark/Cashier

R.W.D Jagdishpur

3/1/23
D.A.O

R.W.D Jagdishpur

E.E

Executive Engineer
R.W.D. Jagdishpur
R.W.D. Works Division Jagdis pur

3/01/23

ममन उद्यम

भारतीय गैर न्यायिक INDIA NON JUDICIAL

एक हजार रुपये

ONE THOUSAND RUPEES

रु.1000

Rs.1000

INDIA

BIHAR
Treasury Officer

9 APR 2023

BHOJPUR, ARRAH

AK 668299

मेम शंकर प्रसाद गुप्ता बिक्रम
समाहरणात्मक सहायक, आरा
ता. नं-130/83-84

SUPPLEMENTARY AGREEMENT

Supplementary Agreement No :- 10⁸/NABARD/S.B.D./ 2022-23

This Supplementary Agreement, made the 03 day Jan 2023 between The Executive Engineer, Rural Works Department, Works Division Jagdishpur (Bhojpur)

Bharat Ratan Pandey, Friends Colony Katira Ara Bhojpur

Whereas the Employer is desirous that the Contractor execute Construction of Road From NH-84 To Kateya Gumti (Bargahi Tola) Road and under NABARD RECISED ESTIMATE for 2022-23 and the Employer has accepted the Bid by Contractor for the execution and completion of such works and the remedying of any defects therein at a cost of Rupees 15,20,448.00 (Rupees Fifteen Lac Twenty Thousand Four Hundred Forty Eight Rupees) Only.

Amount of Agreement Rs

:-

904300.00
15,20,448.00

Approved Rate of which Payment

:-

Below 10% From Schedule rate will be made

मोहित कुमार

31/1/23

Executive Engineer
R.W.D. Works Division
03/01/23

31/1/23

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

पत्रांक 10342/अनु0/आरा, दिनांक 27/12/2022

प्रेषक :- अधीक्षण अभियंता
ग्रामीण कार्य विभाग,
कार्य अंचल, आरा।

सेवा में,
कार्यपालक अभियंता
ग्रामीण कार्य विभाग
कार्य प्रमंडल, जगदीशपुर।

विषय :- ग्रामीण कार्य विभाग, कार्य प्रमंडल, जगदीशपुर से प्राप्त शीर्ष NABARD योजना का पुनरीक्षित परिमाण विपत्र अनुमोदनोपरान्त भेजने के संबंध में

प्रसंग :- आपका पत्रांक-1389 दिनांक-27.12.2022

महाशय,

उपर्युक्त विषयक प्रासंगिक पत्र के आलोक में कहना है कि शीर्ष NABARD योजना का पुनरीक्षित परिमाण विपत्र अनुमोदनोपरान्त आवश्यक कारवाई हेतु भेजी जा रही है। पथ की विवरणी निम्न है :-

क्र०	पथ का नाम	पथ की लम्बाई (कि०मी० में)	पुनरीक्षित परिमाण विपत्र की राशि (लाख में)
1	NH-84 To Kateya Gumti (Bargahi Bigaha)	4.000	213.933

- कार्यपालक अभियंता, जगदीशपुर को निदेश दिया जाता है कि उक्त पथ के संवेदक से Supplementary Agreement कराना सुनिश्चित करें एवं संवेदक से उनके द्वारा मूल एकरारनामा में उद्धृत दर पर ही यह एकरारनामा होगा।
- अनु० :- B.O.Q की एक प्रति मूल में।

शांतिनंद पंडित

विश्वासभाजन

अधीक्षण अभियंता
ग्रामीण कार्य विभाग
कार्य अंचल, आरा

Executive Engineer
R.W.D. Works Division Jagdishpur
03/10/23

AA Details -

vide letter No- 8799 Dated 23-10-2017

Construction Cost	Rs 193.34 Lacs
5 Years Maintenance Cost.	Rs 14.10 Lacs
<u>Total:-</u>	<u>Rs 207.44 Lacs</u>

Reverse TIS Details

Mc done + Wm done re do re	Construction Cost	Rs 200.961 Lacs
	5 Years Maintenance Cost.	Rs 12.973 Lacs
	<u>Total:-</u>	<u>Rs 213.934 Lacs</u>

20% से अधिक बढ़े हुए की लागतों की पूर्ति आगामी प्रमुख मा वतांत
नं 4 (20) राउन्ड - 07-38/2022-23 अंतर्गत दिनांक 20-10-22
पर प्रदान किया गया है।

No. 4 24/11/22

Technically sanctioned Rs 213.934 Lacs
Two crore thirty three thousand four hundred

—sd— —sd— —sd—
DE EE

certified copy

LP
24/11/2022
24/11/22

महोदय

Executive Engineer
R.W.D. Works Division Jagdishpur
31/1/23

UNDERMMGSY (SC)

REVISED BILL OF QUANTITIES (BOQ) - CONSTRUCTION

of NH 84 to Kateya Gumati (Bargahi Bigaha)

Bhojpur

District :

Block : Bihlya
Length : 4.00 KM

Sl. No.	Description of Items	Unit	Qty.	Rate (Rs.)	Amount (Rs.)
1	Providing & Fixing of Working benchmark Pillars 01 nos. per km & 04 Nos. of reference pillars required for 1 Km. as per drawings given and direction of E/I (Working benchmark Pillars)	per km	3.05	13505.00	41190.25
2	<u>Clearing and Grubbing</u> 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	Hect.	1.79	12584.64	22526.51
3	(i) Excavation in soil using Hydraulic Excavator and Tipplers With Disposal up to 1000m Excavation for Road work in soil with hydraulic Excavator of 0.9 cum bucket capacity including cutting and loading in tipplers trimming bottom and side slopes, in accordance with requirements of lines, grades and cross-section and transporting to the embankments location with a lift upto 1000m as per Technical specification clause 302.3	Cum	2879.97	72.53	208884.22
4	Construction of embankment with approved materials deposited at site and obtained from roadway cutting and excavation from drain and foundation of other structures graded and compacted to meet requirement of Tables 300.1 and 300.2 as per Technical Specification Clause 301.5	Cum	2879.97	44.92	129368.25
	Construction of Embankment with material obtained from borrow pits with a lift upto 1.5 m, transporting to the site spreading, grading to required slope and compacting to meet requirement of Tables 300.1 and 300.2 with a lead upto 1000 m & 100m as per Technical Specification Clause 301.5.	Cum	4080.00	172.80	705024.00
5	Lead upto 1000 m				
6	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.	Cum	6765.34	175.33	1186167.06
7	For Grading I 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.	cum	2127.25	3090.73	6574755.39

Approved as corrected

S.E.
R.W.D. Works Division
27/12/22

Executive Engineer
R.W.D. Works Division
03/01/23
31/12/23

	Description of Items	Unit	Qty.	Rate (Rs.)	Amount (Rs.)
	WBM Grading 3 (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 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.	Cum	1031.80	4397.91	4537763.54
9	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- 1.0 kg/sqm using mechanical means as per Technical Specification Clause 502.	Sqm	11882.23	46.35	550741.36
10	Providing and laying surface dressing (Nominal aggregate size 13.2 mm) as wearing course consisting of a layer of bitumen emulsion laid on the prepared surface, followed by a cover of crushed stone chippings of specified size and rolling with 80-100 kN roller including cleaning the road surface as per Technical Specification Clause 507. Bitumen S-90	Sqm	0.00	81.90	0.00
11	Providing and laying surface dressing (Nominal aggregate size 9.5 mm) as wearing course consisting of a layer of bitumen emulsion laid on the prepared surface, followed by a cover of crushed stone chippings of specified size and rolling with 80-100 kN roller including cleaning the road surface as per Technical Specification Clause 507. Bitumen S-90	Sqm	0.00	70.77	0.00
12	Tack Coat -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.	Sqm	11882.23	15.59	185243.97
13	Mix seal surface 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.	Sqm	11882.23	213.38	2535430.24
14	Construction of un-reinforced, dowel jointed at expansion and construction joint only, 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, 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	Cum	300.00	7156.64	2146992.00

21/11/22
Approved as Correct

S.E.

W.D Works Circle
A.

Executive Engineer

RWD Works Division Jagdis

03/10/23

31/12/23

	Description of Items	Unit	Qty.	Rate (Rs.)	Amount (Rs.)
	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	each	1.00	11144.71	11144.71
16	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 Citizen Board And Maintenance Board	each	2.00	9946.01	19892.02
	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	No.	4.00	1959.41	7837.64
17	600 mm equilateral & triangle	No.	4.00	1959.41	7837.64
18	600 mm circular	No.	4.00	1959.41	7837.64
19	Direction and Place Identification signs with size more than 0.9 sqm size board- Retro-reflectorised Traffic Signs Providing and erecting direction and place identification retro-reflectorised sign as per IRC:67 made of encapsulated lens type reflective sheeting vide Clause 1701.2.3, fixed over aluminium sheeting, 2 mm thick with area exceeding 0.9 sqm supported on mild steel angle iron posts 75 mm x 75 mm x 6 mm, 2 Nos. firmly fixed to the ground by means of properly 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 and Technical Specification Clause 1701.	No.	2.00	1675.84	3351.68

Approved as Corrected

S.E.

W.D. Works Circle
2/12/22

Executive Engineer

B.W.D. Works Division Jagdisapur

23/10/23

3/12/23

Description of Items		Unit	Qty.	Rate (Rs.)	Amount (Rs.)
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.					
20	i) Km stone	No.	5.00	1774.84	8874.20
21	ii) 200 m stone	No.	16.00	537.09	8593.44
Road Marking with Hot Applied Thermoplastic Compound with Reflectorisng Glass Beads-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. At Edge for BT Portion		Sqm	510.00	863.81	440543.10
C d WORK					
23	Earthwork in excavation for foundation of structures upto 3 m depth as per drawing and technical specification Clause 1104 including setting out, construction of shoring and bracing, removal of stumps and other deleterious matter, dressing of sides and bottom and backfilling with approved material.	cum	158.31	251.69	39845.04
24	Plain Cement Concrete M10 (1:3:6 nominal mix) in levelling course below open foundation of Head walls as per drawings & Technical Specification Clause 1109	cum	9.84	5851.71	57580.83
25	Providing concrete for plain/reinforced concrete in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203 P.C.C grade M 15	cum	81.18	6004.55	487449.37
26	Laying concrete cradle bedding with M15 Grade Cement Concrete as per Clause 1105 (i) Type B (First Class) Bedding	cum	31.62	333.05	10531.04
27	Providing and laying reinforced cement concrete pipe NP3 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.	RM	110.00	717.29	78901.90
28	300 MM Dia	RM	60.00	1493.90	89634.00
29	600 MM Dia				
Constuction cost Total (A) =					20096103.40
FIVE YEAR ORDINARY MAINTENANCE COST					
30	For 1st year	KM	3.08	38947.00	119956.76
31	For 2nd year	KM	3.08	46561.00	143407.88
32	For 3rd year	KM	3.08	81664.00	251525.12
33	For 4th year	KM	3.08	108224.00	333329.92
34	For 5th year	KM	3.08	145800.00	449064.00
5 Year Maintenance cost Total (B)					1297283.68
Grand Total Cost (A+B)					21393387.08
Say					21393387.00

27/11/22
9/12/22

A-E

Executive Engineer
RWD Works Division Jagdispur
03/10/23
197.04
16.89387=00
10/- below

Revised bill of Quantity approved for Rs 2,13,93,387=00
Approx Two crore Thirteen Lac Ninty three
Thousand Three Hundred Eighty Seven) only

[Signature]
Superior Engineer
Rural Works Department
Works Circle ARA
2/12/22

मोम उधर

[Signature]
3/1/23

Executive Engineer
R.W.D. Works Division Jagdishpur
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3/1/23
03/01/23