

Yojana Under NABARD

Mahmood Patel Vill- Paimar Ghat, PO-
Paimar Ghat, PS- Punpun, Dist- Patna,
Mob-9661565384



certified copy

bel/02.5.22
Executive Engineer
RWD Works Division
Masaurhi
02.5.22

Supplementary Agreement Revise BOQ for Road From Punpun Manjhuli Road to Puryag Sarowar (Bazitpur Khari) in punpun Block

Supplementary Agreement No.- SBD 27/SBD/17-18 (Supplementary)
Accepted Rate:- 10% Below

Agreement Value:- 16820152 - 13253210 = 3566942.00

Start Date:- 15-06-2017

Intended Date of Completion:- 14-06-2018

Executive Engineer
Rural Works Department,
Work Division, Masaurhi

bel/02.5.22

Sdt
Executive Engineer
RWD Works Division
Masaurhi
02.5.22

SUPPLEMENTARY AGREEMENT

Handwritten signature
24/12/20



INDIA NON JUDICIAL
Government of Bihar
e-Stamp



Certificate No.	: IN-BR32463971865884U
Certificate Issued Date	: 27-Apr-2022 01:05 PM
Account Reference	: SREIACC (CR)/ brsreic10/ BR-PATART0059/ BR-PAT/ MSH
Unique Doc. Reference	: SUBIN-BRBRSEIC1047724081918555U
Purchased by	: MAHANAND PATEL
Description of Document	: Not Applicable
Property Description	: Not Applicable
Consideration Price (Rs.)	: 0 (Zero)
First Party	: Not Applicable
Second Party	: MAHANAND PATEL
Stamp Duty Paid By	: MAHANAND PATEL
Stamp Duty Paid (Rs.)	: 1,000 (One Thousand only)
Reg. fee (Rs.)	: 0 (Zero)
LLR & P Fee (Rs.)	: 0 (Zero)
Miscellaneous Fee (Rs.)	: 0 (Zero)
Dispute SC (Rs.)	: 0 (Zero)
Total Amount (Rs.)	: 1,000 (One Thousand only)



62.52.22
Executive Engineer
RWD Works Division
Masaurhi
02.05.22

This Supplementary Agreement made the day between Executive Engineer, R.W.D. Work Division, Masaurhi (hereinafter called "The employer (First Part) and Mahanand Patel Vill- Paimar Ghat, PO- Paimar Ghat, PS- Punpun, Dist- Patna, Mob-9661565384 Herein after the contractor of the contractor of the other part) Where the employer is desirous that the contractor execute Supplementary/Revise BOQ for Road From Punpun Manjhuli Road to Puryag Sarowar (Bazitpur Khari) in punpun Block, (herein after called the work and the employer has accepted the bid by the contractor for rupees 1,32,53,210 (One Core Thirty Two Lac Fifty Three Thousand, Two Hundred & Ten Only) rupees with is substituted with 1,68,20,152 (One Core Sixty Eight Lac Twenty Thousand One Hundred & Fifty Two Only) as per the revised BOQ sanctioned S.E. RWD Circle Patna vide Letter no. 1527 we dated 08-10-2021

NOW THIS SUPPLEMENTARY AGREEMENT WITNESSETH AS FOLLOW:-

1. In this supplementary Agreement, work and expression shall have the same Meaning as are respectively assigned to them in the conditions of contract hereinafter referred to and they shall be deemed to from and be read and construed as part of this Supplementary Agreement.
2. 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 all aspects with the provisions of the contract.
3. The Employer hereby covenants to pay the contractor in consideration of the Executive and completion of the works and the remedying the defects wherein contract price or such other sum as may become payable under the provision of the contract as the time and in the manner prescribed by the Contract.

Do not write or type below this line

Mahanand Patel

62.52.22
Executive Engineer
RWD Works Division
Masaurhi

KC 0003331420

(21)

**अधीक्षण अभियंता का कार्यालय,
ग्रामीण कार्य विभाग, कार्य अंचल, पटना।**

पत्रांक- 1527, 2021
प्रेषक,

/पटना, दिनांक- 08.10.21

अधीक्षण अभियंता
ग्रामीण कार्य विभाग
कार्य अंचल, पटना।

सेवामें,

कार्यपालक अभियंता,
ग्रा0का0वि0, कार्य प्रमंडल, मसौढ़ी।

विषय:- शीर्ष राज्य योजना (नावार्ड) अन्तर्गत स्वीकृत कुल 01 (एक) अदद पथ के निर्माण/मरम्मत
कार्य के पुनरीक्षित परिमाण विपत्र अनुमोदन के संबंध में।

प्रसंग:- आपका पत्रांक-1096 अनु0, दिनांक-05.10.2021
महाराज,

उपर्युक्त विषयक प्रासंगिक पत्र द्वारा प्राप्त कुल 01 (एक) अदद पथ का पुनरीक्षित परिमाण
विपत्र अनुमोदन कर वापस की जाती है। सभी पृष्ठ अनुमोदित है। पुनरीक्षित एकरारनामा का दर मूल
एकरारनामा के दर के समान होगा। अपने स्तर से भी अनुमोदित पुनरीक्षित परिमाण विपत्र की जांच कर
ली जाय। त्रुटि दृष्टिगोचर होने पर इसका समाधान के पश्चात् ही पुनरुक्त एकरारनामा किया जाय।

क्रमांक	योजना का नाम	पुनरीक्षित परिमाण विपत्र की राशि (रुपया में)	प्रशासनिक स्वीकृति की राशि (निर्माण, अनुरक्षण, एवं आकस्मिक कार्य) (लाख में)	पुनरीक्षित तकनीकी स्वीकृति की राशि (निर्माण एवं, अनुरक्षण, कार्य) (लाख में)
1.	पुनपुन मझौली पथ से पुरुयाग सारोवर (वाजितपुर खैरी) तक पथ निर्माण कार्य।	Rs. 1,86,89,058.00	200.547	186.891

अनु0-यथोक्त।

विश्वासभाजन

Atman
08/10/2021
अधीक्षण अभियंता

ग्रामीण कार्य विभाग, कार्य अंचल, पटना

हो/अ

Atman

SUPPLEMENTARY BOQ

NAME OF ROAD	SUPPLEMENTARY / REVISED BOQ OF ROAD FROM PUNPUN MANJHAULI ROAD To PURYAG (Bazipur khari)					
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DISTRICT - PATNA
BLOCK - PUNPUN

DIVISION - MASAUH

Sl. No.	Item of Work	Unit	Qty	Rate	Amount	Remark
1	Setting Out Pillars : Providing & Fixing of Working benchmark Pillars 1 nos. per km & 4 Nos. of reference pillars required for 1 Km. as per drawings given and direction of En	km	2.280	12061.38	27500.00	
2	Clearing and grubbing road land including uprooting wild vegetation, grass, bushes, shrubs, saplings and trees of girth upto 300 mm, removal of stumps of such trees cut earlier and disposal of unserviceable materials and stacking of serviceable material to be used or auctioned, upto a lead of 1000 m including removal and disposal of top organic soil not exceeding 150 mm in thickness as per Technical Specification Clause 201.	Mt	1.368	45893.52	62782.00	
3	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.	Cum	8352.5	157.00	1311342.50	
4	Construction of subgrade & earthen shoulders with approved material obtained from borrow pits with all lifts and lead, transporting to site, spreading, grading to required slope and compacted to meet requirement of Tables 300.2 with lead upto 1000m & 100m as per Technical Specification Clause 301.4.1.	Cum	6551.28	157.00	1028550.96	
5	Construction of granular sub-base-1 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 or OMC, and compacting with smooth wheel roller to achieve the desired density, complete as per Technical Specification	Cum	1732.27	1716.95	2974220.98	
6	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/binding materials to fill-up the interstices of coarse aggregate, watering and compacting to the required density grading 2 as per Technical Specification Clause 405.	Cum	481.95	3017.18	1454129.90	
7	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	481.95	2824.88	1361450.92	
8	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	6426	33.38	214499.88	
9	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 hydroloc broom as per technical specification clause 503.	Sqm	6426	11.96	76854.96	

8511332-10

APPROVED AS CORRECTED

90	Providing, laying and rolling of open-graded premix carpet of 20 mm thickness composed of 13.2 mm to 5.6 mm aggregates either using penetration grade bitumen or emulsion 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 80-100 kN static roller capacity, finished to required level and grades to be followed by seal coat of either Type A or Type B or Type C as per Technical Specification Clause 508.	sqm	6426.00	134.30	863011.80
11	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	sqm	6426.00	47.93	307998.18
12	CC Pavement M30. 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, 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, scored 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 grades as per drawing and Technical Specification Clause 1501., (280m PCC)	Cum	203.49	5809.65	1182205.68
13	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. 5TH KM STONE	Nos	0		0.00
14	(i) Km stone	Nos	4	2124.40	8497.60
15	(ii) 200 m stone	Nos	10	586.57	5865.70
15	Providing and fixing of typical MMGSY informative 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	Nos	2	9227.20	18454.40
16	Providing and fixing of retro-reflectorised 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	N			0.00

10897365.46
APPROVED AS CORRECTED

14	600 mm equilateral & triangle	Nos	6	1546.12	9276.72
15	600 mm circular	Nos	4	1610.42	6441.68
16	800 mm x 600 mm rectangular	Nos	6	1710.17	10261.02
17	600 mm x 450 mm rectangular	Nos	4	1603.84	6415.36
18	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.	sqm	400.40	852.35	340940.00
19	Earthwork 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.	Cum	245.222	263.65	64652.78
20	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	Cum	29.599	5128.06	151785.45
21	Brick masonry work in cement mortar in sub structure, complete excluding pointing and plastering as per drawing and technical specifications Clauses 600, 1202 & 1203.	Cum	86.921	6612.08	574728.61
22	Plain/Reinforced cement concrete (M 20) in substructure complete as per drawings and technical specification clauses 802,804,805,1202 and 1204.	Cum	105.299	5870.20	618126.00
23	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. 1x600 MM Dia.	RM	30.00	1269.33	38080.00
24	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. 1x1000 MM Dia.	RM	22.50	3771.25	84853.00
25	Plastering with cement mortar (1:4), 15 mm thick on brickwork in substructure as per technical specification Clauses 613.4 & 1204	sqm	225.34	174.48	39317.32
26	Providing & laying reinforced cement concrete in superstructure complete as per drawings and technical specification Clauses 802, 1205.4, 1205.5.	Cum	59.20	44.63	2642.10
27	Filling in Foundation Trenches as per drawing and technical specification clauses 305.3.9	Cum	1.254	489.09	613.32
28	Brick masonry work in cement mortar in foundation, complete excluding pointing and plastering as per drawing and technical specifications Clauses 600, 1202 & 1203. CM (1:4)	Cum	52.101	6301.13	328295.17
29	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.	sqm	14.1	11.96	169.00
30	ROC 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	Cum	4.608	7025.76	32375.00
31	Supplying, fixing and placing HYSD bar reinforcement in superstructure complete as per drawing and technical specifications	MT	0.656	58416.89	38321.00
32	Providing and filling joint sealing compound as per drawings and technical specifications with coarse sand and 6 per cent bitumen by weight	RM	15.00	36.54	548.00

APPROVED AS CORRECTED

Brick masonry work in cement mortar 1:3 in parapet excluding pointing and plastering as per drawing and technical specifications Clauses 600, 900 and 1203-4	Cum	3.84	7312.70	28081.00
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.	no.	28	132.99	3724.00
RETAINING WALL				
Earthwork in excavation for structures as per drawing and technical specifications Clause 305) including setting out, construction of shoring and bracing, removal of stumps and other debris material and disposal upto a lead of 50 m, dressing of sides and bottom and backfilling in trenches with excavated suitable material.	Cum	355.84	294.73	104877.00
Providing PCC M 15 (1:2:5) concrete in levelling course complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203	Cum	17.28	4792.50	82814.00
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)	Cum	226.24	5420.43	1226318.00
Supplying, fitting and placing HYSD bar reinforcement in sub-structure complete as per drawing and technical specifications	mt	18.04	54732.98	987383.00
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	nos	112	120.23	10466.00
Construction of embankment with 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 (including Royalty & labour cess).	Cum	240.40	157.00	37680.00
PROTECTION WORK				
Providing and laying boulder pitching on slopes laid over prepared filter media including boulder apron laid dry in front of toe of embankment complete as per drawing and technical specifications	Cum	436.48	2768.67	1207140.12
Providing and laying filter material underneath pitching in slopes complete as per drawing and technical specifications Clause 1302	Cum	218.40	2982.17	650113.06
Total (A):-				17586903.16
5 years Maintenance				
1st Year Maintenance cost	Year	1	91835.00	91835.00
2nd Year Maintenance cost	Year	1	116154.00	116154.00
3rd Year Maintenance cost	Year	1	262718.00	262718.00
4th Year Maintenance cost	Year	1	282201.00	282201.00
5th Year Maintenance cost	Year	1	349347.00	349347.00
Total Cost of 5 years Maintenance, Total (B):-				1102255.00
TOTAL COST OF PROJECT (A+B) :-				18689058.16

18689058.16

RWD, Works Division, Masaurhi

APPROVED AS CORRECT

Received Bill of Quantity Approved as corrected for Item No.

... ① to ② for Rs. 186,890.58 (Rupees one crore

eighty six thousand eight hundred and fifty eight only)

Including Five Years Maintenance

तकनीकी सलाहकार
प्राचीन कार्य विभाग
कार्य अंचल, पटना

Superintending Engineer
R.W.D. WORKS CIRCLE, PATNA

8/10/2021
Superintending Engineer
R.W.D. WORKS CIRCLE, PATNA

दीपक

हेतु- ५५

Certified copy

NABARD

Mahesh Patel, Vill- Paimar Ghat, PO-
Paimar Ghat, PS- Punpun, Dist- Patna,
Mob- 9661565384, email-
mahapat100275@rediffmail.com



EM- Total Rs → 295600 = 00
B/S ② 3724155445 Rs → 1,25,000 = 00
③ 3724161248 Rs → 1,00,000 = 00
④ 3724160364 Rs → 1,00,000 = 00
⑤ 3724831318 Rs → 1,42,000 = 00
762,600 = 00

Agreement

Construction & Five Years Maintenance of
Punpun Manjhuli Road to Puryag Sarowar
(Bazitpur Khari) in Punpun Block (Tender ID-
48603) Under NABARD

Agreement No.- SBD 27 SBD-17-18

Accepted Rate:- 10% Below

Agreement Value:- 13253210 = 00

Start Date:- 15-06-2017 (10A)

Intended Date of Completion:- 14-06-2018
(only year)

sd
Executive Engineer
R.W.D. Works Div. Masaurhi

5.8.17
Executive Engineer
Rural Works Department,
Work Division, Masaurhi
Executive Engineer
R.W.D. Works Div. Masaurhi

sd