

# Yojana Under MMGSY(SC)

Sanjay Kumar,  
Add- Sati Asthan, Ward-21, Po+PS-  
masaurhi, Dist-Patna Mob- 9835630580



certified copy

*Ans*  
Executive Engineer  
R.W.D. Works Div. Masaurhi

## Supplementary Agreement

Kansara Road to Chakalma

Supplementary Agreement No.- SBD 95 S.R.D 18-19

Accepted Rate:- Below - 0.27/c

Agreement Value:- 7000013 - 6527545 = 4724680

Start Date:- 08-03-2019

Intended Date of Completion:- 07-12-2019

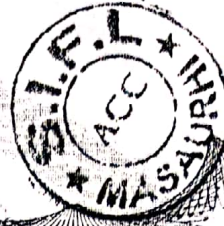
Executive Engineer  
Rural Works Department,  
Work Division, Masaurhi

Sanjay Kumar



**INDIA NON JUDICIAL**  
**Government of Bihar**  
**e-Stamp**

Certificate No. : IN-BR26853534415722T  
Certificate Issued Date : 16-Dec-2021 02:28 PM  
Account Reference : SREIACC (CR)/ brsrelc10/ BR-PATART0059/ BR-PAT/ MSH  
Unique Doc. Reference : SUBIN-BRBRSEIC1037139067761741T  
Purchased by : SANJAY KUMAR  
Description of Document : Not Applicable  
Property Description : Not Applicable  
Consideration Price (Rs.) : 0 (Zero)  
First Party : Not Applicable  
Second Party : SANJAY KUMAR  
Stamp Duty Paid By : SANJAY KUMAR  
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)  
Discore SC (Rs.) : 0 (Zero)  
Total Amount (Rs.) : 1,000 (One Thousand only)



This Supplementary Agreement made the day ..... between Executive Engineer, R.W.D. Work Division, Masaurhi (hereinafter called "The employer (First Part) and Sanjay Kumar, Add- Sati Asthan, Ward-21, Po+PS-masaurhi, Dist- Patna Mob- 9835630580 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 Kansara Road to Chakalma , (herein after called the work and the employer has accepted the bid by the contractor for rupees 65,27,545 (Sixty Five Lac Twenty Seven Thousand, Five Hundred & Forty Five Only) rupees with is substituted with 70,00,013 (Seventy Lac & Thirteen Rupees Only) as per the revised BOQ sanctioned S.E. RWD Circle Patna vide Letter no. 1348 we dated 03-09-2021

**NOW THIS SUPPLEMENTARY AGREEMENT WITNESSES 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

KC 0003154214

Sanjay Kumar



In witness whereof the parties thereto have caused this Agreement to be executed the day and year first before written.

The Common Seal of

---

was hereunto affixed in the presence of :

Signed, Sealed and Delivered by the said

---

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in the presence of :

Binding Signature of Employee

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Binding Signature of Contractor Sanjay Kumar

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Sanjay Kumar

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

पत्रांक- 1348 31/08/2021  
प्रेषक,

/पटना, दिनांक- 03/09/2021

अधीक्षण अभियंता  
ग्रामीण कार्य विभाग  
कार्य अंचल, पटना।

सेवामें,

कार्यपालक अभियंता,  
ग्रा0का0वि0, कार्य प्रमंडल, गराउदी।

विषय:- शीर्ष एम0एम0जी0एस0वाई0 योजना अन्तर्गत स्वीकृत कुल 02 (दो) अदद पथ के निर्माण/मरम्मत कार्य के पुनरीक्षित परिमाण विपत्र अनुमोदन के संबंध में।

प्रसंग:- आपका पत्रांक-953 अनु0, दिनांक-01.09.2021  
महाशय,

उपर्युक्त विषयक प्रासंगिक पत्र द्वारा प्राप्त कुल 02 (दो) अदद पथों 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 पुरक एकरारनामा किया जाय।

क्रमांक	योजना का नाम	पुनरीक्षित परिमाण विपत्र की राशि (रूपया में)	प्रशासनिक स्वीकृति की राशि (निर्माण, अनुरक्षण, एवं आकस्मिक कार्य) (लाख में)	पुनरीक्षित तकनीकी स्वीकृति की राशि (निर्माण एवं, अनुरक्षण, कार्य) (लाख में)
1.	Kansara Road to Chakalma" MMGSY (SC)	Rs. 70,18,964.00	58.845	70.197
2.	Berra PMGSY Road to Balaitha MMGSY (GEN)	Rs. 71,80,812.00	62.996	71.807

अनु0-यथोक्त।

विश्वासभाजन

3/9/2021

अधीक्षण अभियंता  
ग्रामीण कार्य विभाग, कार्य अंचल, पटना

राजेश

Sanjay Kumar



MMGSY (SC)  
SUPPLEMENTARY BOQ

SUPPLEMENTARY / REVISED BOQ OF ROAD Kansara Road to Chakalma

Sl. No.	Item Of Works	Unit	Qty.	Rate	Amount	Remarks
1	2	3	4	5	6	13
1	<b>Setting Out Pillars :</b> 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 E/I	Km	0.900	13438.62	12094.76	
2	<b>Clearing and Grubbing Road Land</b> (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	ha	0.630	49809.13	31380.00	
3	<b>Construction of Embankment</b> 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 & 100 m as per Technical Specification Clause 301.5 For 1000 mm lead	Cum	248.930	194.95	48528.90	
4	<b>Construction of Embankment</b> 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 & 100 m as per Technical Specification Clause 301.5 For 100 mm lead	Cum	1249.640	151.50	189320.46	
5	<b>Construction of Subgrade and Earthen Shoulders with Rotavator to achive minimum soaked CBR value 5%</b> 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	<del>3388.630</del> 3234.43	194.95	<del>660613.42</del> 630468.3	
6	<b>For Grading I Material (By mix in place method )</b> Construction of granular sub-base by providing well graded material, (Crushed Stone Aggregates and coarse sand) spreading in uniform layers with motor grader on prepared surface, mixing by mix in place method with rotavator at OMC, and compacting with three wheel 80-100kN static roller capacity to achieve the desired density, complete as per Technical Specification Clause 401.	Cum	660.960	2244.78	1483709.79	

*[Signature]*  
01/05

*[Signature]*  
11/9

APPROVED AS CORRECTED

*[Signature]*

Sanjay Kumar



Sl. No.	Item Of Works	Unit	Qty.	Rate	Amount	Remarks
1	2	3	4	5	6	13
7	<b>Water Bound Macadam with Stone Screening Gr - III</b> 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	229.500	3258.35	747791.33	
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 0.90- 1.2 kg/sqm using mechanical means as per Technical Specification Clause 502.	Sqm	3060.000	54.80	167688.00	
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 hydriloc broom as per technical specification clause 503.	Sqm	3060.000	19.51	59700.60	
10	Mixed Seal Type-B	Sqm	3060.000	223.41	683634.60	
11	<b>For Grading I Material (By mix in place method )</b> Construction of granular sub-base by providing well graded material, (Crushed Stone Aggregates and coarse sand) spreading in uniform layers with motor grader on prepared surface, mixing by mix in place method with rotavator at OMC, and compacting with three wheel 80-100kN static roller capacity to achieve the desired density, complete as per Technical Specification Clause 401.	Cum	38.250	2244.78	85862.84	
12	<b>Water Bound Macadam with Stone Screening Gr - III</b> 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	28.690	3258.35	93482.06	
13	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, 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	Cum	61.200	7547.05	461879.46	



Sl. No.	Item Of Works	Unit	Qty.	Rate	Amount	Remarks
1	2	3	4	5	6	13
14	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	Sqm	75.000	563.74	42280.50	
15	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.	Nos	2.000	2421.16	4842.32	
16	(i) km stone (ii) 200 m stone	Nos	4.000	684.00	2736.00	
17	Reinforced cement concrete M15 grade boundary pillars/ local stone of standard design as per IRC:25 fixing in position including finishing and lettering but excluding painting as per drawing and technical specification clause 1704.	Nos	80.000	509.96	40796.80	
18	<b>Traffic sign</b> : Providing and fixing of semi reflective cautionary, mandatory and informatory sign board as per IRC :67 made of 1.5 mm thick MS steel duly stove white colour in front and gray colour on back with red reflective border of 65 mm width and required letters and figures with reflective tape engineering grade as per clause 1701.3.9 of MORD for rural road of required shade and colour supported and welded on 47mmx47mmx12swg sheet tube firmly fixed to the ground by mean of properly designed foundation with M15 grade cement concrete 450x450x600 mm, 600mm below ground level as per approved drawing clause 1701.2.2. <b>600 mm circular</b>	Nos	6.000	5297.99	31787.94	
19	600 mm equilateral & triangle, (left, right, Curve)	Nos	4.000	3902.67	15610.68	
20	600 mm x 450 mm rectangular (School & Place)	nos	2.000	5155.16	10310.32	
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 holes.	Sqm	160.000	851.80	136288.00	
22	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.  Providing and laying 2 coats of water based cement paint to unplastered concrete surface after cleaning the surface of dirt, duct, oil, grease, efflorescence and applying paint @ 1 litre for 2 sqm	Sqm	20.000	884.06	17681.20	



Sl. No.	Item Of Works	Unit	Qty	Rate	Amount	Remarks
1	2	3	4	5	6	13
23	Providing and laying of a reinforced cement concrete pipe duct, 300 m 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 above higher than ground level to prevent entry of water and dirt all as per IRC 98-1997 and approved drawings.	RM	30.000	990.29	29708.70	
24	Direction and place identification signs up to 0.9 sqm size board : Providing and erecting direction and place identifications of semi reflective sign boards as per IRC:67 made of 2 mm thick M.S. Sheet duly stove enameled paint in white colour in front and grey colour on back with red reflective border of 70 mm width and required message, letters, figures with reflective engineering grade tape as per MORD specifications of required shade and colour. Supported and welded on 47 mm x 47mm of 12 SWG Square tube of 3050 mm height duly strengthened by 25 mm x 5 mm M/s flat iron on edges on back firmly fixed to the ground by means of properly designed foundations 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	Nos	1.000	13550.16	13550.16	
25	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	Nos	4.000	13807.30	55229.20	
26	Earth work in excavation for foundation of structures upto 3.0 m depth as per drawing and technical specification clause 1104	Cum	119.198	285.70	34054.87	
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	Cum	11.842	5806.44	68759.86	



Sl. No.	Item Of Works	Unit	Qty.	Rate	Amount	Remarks
1	2	3	4	5	6	13
28	Plain/Reinforced cement concrete(M-20) in substructure complete as per drawings and technical specification Clauses 802, 804, 805, 806, 807, 1202 and 1204	Cum	125.573	6598.80	828831.11	
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 works, backfilling concrete and masonry works in head walls and parapets as per clause 1106	m	30.000	3668.22	109986.60	109986.60
30	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	Sqm	348.720	110.69	38599.82	110,753
	Construction of Cost - (A)				6206540.29	620730
31	Maintenance for 1st year	Year	1.00	62868.00	62868.00	
32	Maintenance for 2nd year	Year	1.00	82087.00	82087.00	
33	Maintenance for 3rd year	Year	1.00	255020.00	255020.00	
34	Maintenance for 4th year	Year	1.00	119844.00	119844.00	
35	Maintenance for 5th year	Year	1.00	292605.00	292605.00	
	5 Yr. Maintenance Cost - (B)				812424.00	
	Total Cost of Project (A+B)				7018964.3	

= 7018964.3

01/12

Executive Engineer  
Rural Work Department  
Works Division, Masaurhi

Bill of Quantity Approved as corrected for Item No.

.....(11).....to.....(35).....for Rs. 7018964.00 (Rupees Seventy Lacs  
Eighteen thousand nine hundred and sixty four only)

Including Five Years Maintenance.

Estimator  
R.W.D.  
Works Circle, Patna

तकनीकी सल्लाहकार  
ग्रामीण कार्य विभाग  
कार्य अंचल, पटना  
Page 3 of 5

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

Sanjay Kumar



# Yojana Under MMGSY (SC)

Sanjay Kumar, Add- Sati Asthan, Ward-21,  
PO+PS-Masaurhi, Dist-Patna,  
Mob-9835630580,  
email sanjaykumar1178@gmail.com  
GST No.- 10BEDPK1178M1ZM  
Pan No.- BEDPK1178M



EMTS  
Syl to. OAI-4305827942 Rs-35,000 =  
② 4249786473 Rs-100,000 =  
③ 846879858 Rs-16,000 =  
Total = 151,000 =  
(One Lakh Fifty One Thousand)  
- m/s

Agreement 95 SBD  
18-19.

Construction & Five Years Maintenance of Road  
Kansara Road to Chakalma in Masaurhi Block under  
(Tender ID-73907) Under MMGSY(SC)

Agreement No.- SBD 95/SBD/2018-19

Accepted Rate:- Below 0.27%

Agreement Value:- Rs- 6527545 =

Start Date:- 08-03-2019 (LOA)

Intended Date of Completion:- 07-12-2019  
(Nine Months)

9/3/19  
Executive Engineer

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

9/3/19

Sanjay Kumar