



12-8-2022 मनोज कुमार (लिह सोन-मुरलान्ज मधेपुरा)
बिहार BIHAR

AM 933455

Ag

प्रमोद कुमार सिन्हा
ब्रमोद कुमार सिन्हा
बुद्रांक विक्केता
बुद्धर निबंवन कार्यालय
बनदादा (पुर्णिया)
का. नं-175/8

पुर्णिया न्योपगार बज्जगृह
कार्यतः
18 JUL 2022
प्रतिष्ठित पदविकारी

MMGSY [UTEN]

Supplementary Agreement

(Due to GST Revised)

Supplementary Agreement No.- 03 SBD/20 24-25
Main Agreement No. & Date :- 39SBD/2021-22
Name and firm of Contractor :- Manoj Kumar Singh
Name of Work :- Construction & Maintenance of Road from Balu Tola
Sadhwauli to S035
Main Agreement Value :- Rs. 68,04,052.00
Supplementary Agreement Value :- Rs. 3,57,325.00
Total Agreement Value :- Rs. 71,61,377.00
Date of Agreement :- 21.02.2022
Date of Completion :- 14.02.2023 (As per Main Agreement)
Contract Rate :- 0.21% Below

This agreement, made the _____ day _____ 20..... between
Executive Engineer, Rural Work Division, Works Division, Purnea of the one part, and
Manoj Kumar Singh, Murliganj, Madhepura Whereas the Employer is desirous that the
Contractor execute Construction & Maintenance of Road from Balu Tola Sadhwauli to
S035 and the Employer has accepted the Bid by the Contractor for the execution and
completion of such Works and the remedying of any defects therein such as 5 years Routine
Maintenance as a cost of Rs. 71,61,377.00 (Rupees Seventy One Lakh Sixty One
Thousand Three Hundred Seventy Seven) only.

Manoj Kumar Singh

प्रमोद कुमार सिन्हा
EXECUTIVE ENGINEER
RURAL WORKS DEPARTMENT
WORKS DIVISION, PURNEA

NOW THIS AGREEMENT WITNESSETH as follows:

1. In this agreement, words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract hereinafter referred to, and they shall be deemed to form and be 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 conformity 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 be 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.

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

5. Date of Commencement :-

6. Date of Completion :-

7. Contract Rate :-

The common seal of _____

was hereunto affixed in the presence of :

Signed, Sealed and Delivered by the said _____

in the presence of :

Binding Signature of Employer _____

Binding Signature of Contractor _____

Manoj Kumar Singh

7/8/20
7/10/20
EXECUTIVE ENGINEER
RURAL WORKS DEPARTMENT
WORK'S DIVISION, PURNEA
7/9/20

Tender Inviting Authority: Engg-in Chief RWD Patna		BALU TOLA SADHWAULI TO S035
Name of Work: Construction of Road & CD Works Under :		

BLOCK :- KASBA		DIVISION:-	BARISOI
Bidder Name:		Excess (+)	%

SCHEDULE OF WORKS					
Sl. No.	Description of work	No. or Qty.	Unit	Estimated Rate Figure	AMOUNT Rs. P
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.				
i	Benchmark Pillars 01 nos. per Km	1.000	Nos	4074.060	4074.060
ii	Reference Pillar 04 nos. Per Km	2.000	Nos	1864.670	3729.340
2	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	0.490	Hect.	53879.810	26401.110
3	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 100m as per Technical Specification Clause 301.5 .	668.860	Cum	143.300	95847.640
4	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 as per Technical Specification Clause 301.5 .	1490.910	Cum	190.420	283899.080
5	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).	584.230	Cum	192.100	112230.580

16.3.24
J.F.

C

Mamraj Kumar Singh

16/05/24
EXECUTIVE ENGINEER
RURAL WORKS DEPARTMENT
WORK'S DIVISION, PURNEA
21/5/24

Description of work	No. or Qty.	Unit	Estimated Rate	AMOUNT Rs. P
			Figure	
Granular sub- base with Well Graded 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.	336.790	Cum	2850.090	959881.810
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.	201.670	Cum	3506.950	707246.610
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 0.90- 1.2 kg/sqm using mechanical means as per Technical Specification Clause 502.	585.230	Sqm	48.990	28670.420
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.	585.230	Sqm	16.490	9650.440
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	585.230	Sqm	214.080	125286.040

16.5-17
2 E

Mamaj Kumar Singh

EXECUTIVE ENGINEER
RURAL WORKS DEPARTMENT
WORKS DIVISION, PURNEA

YM
31/5/24

7/5/24

	Description of work	No. or Qty.	Unit	Estimated Rate	AMOUNT Rs. P
				Figure	
11	Cement Concrete 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, 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)	336.600	Cum	6607.880	2224212.410
12	Hard Shouldring :- 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	275.000	Sqm	508.240	139766.000
13	Kilometre Stone 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	Ordinary Kilometer Stone (Precast)	2.000	Each	2194.750	4389.500
ii	200 m Stone (Precast)	3.000	Each	618.170	1854.510

Shree
16.3.28
J.E.

7/2/28
8/10/28
EXECUTIVE ENGINEER
RURAL WORKS DEPARTMENT
WORKS DIVISION, PURNEA

Y.M.
5/5/28

7/5/28

	Description of work	No. or Qty.	Unit	Estimated Rate	AMOUNT Rs. P
				Figure	
14	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 5mm 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	Each	9693.430	38773.720
15	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.	44.000	Per Cm Height per letter	0.540	23.760
16	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	8.000	Nos	519.670	4157.360
17	Providing and fixing of Semi reflective cautionary, mandatory and informatory sign board :- Providing and fixing of Semi reflective cautionary, mandatory and informatory sign board as per IRC:67 made of 1.5 mm thick MS Sheet 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 Roads of required shade and colour supported and welded on 47mm x 47 mm x 12 SWG sheet tube firmly fixed to the ground by mean of properly designed foundations with M-15 grade cement concrete 450x450x600 mm, 600 mm below ground level as per approved drawing Clause 1701.2.2				
	600 mm equilateral & triangle	8.000	Nos	3694.450	29555.600
	600 mm Circular	2.000	Nos	4919.300	9838.600

Shukla
16-3-24
J.G

Manoj Kumar Singh

EXECUTIVE ENGINEER
RURAL WORK'S DEPARTMENT
WORK'S DIVISION, PURNEA

	Description of work	No. or Qty.	Unit	Estimated Rate	AMOUNT Rs. P
				Figure	
	800 mm X 600 mm rectangular	4.000	Nos	6819.270	27277.080
	600 mm X 450 mm rectangular	4.000	Nos	4793.920	19175.680
	900 mm side octagon OR	2.000	Nos	8671.020	17342.040
18	Road marking on BT:- 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.	30.600	Sqm	721.980	22092.590
19	Road marking on CC :- 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.	110.000	Sqm	811.130	89224.300
20	Planting of tree by the road side (Avenue Tree) in 0.6 m dia holes, 1 m deep dug in the Ground, Mixing the soil with decayed farm yard / slug manure, panting the saplings back filling the trench, watering fixing the tree guard & Maintenance the plant for One Year.	15.300	Each	855.500	13089.150
	CROSS DRAINAGE				
21	Earthwork in excavation for Foundaiton of structure upto 3.0 m depth as per drawing and Technical specification Clause 1101.	74.320	Cum	283.940	21102.420
22	Providing for plain/reinforced concrete in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203 PCC M -15 Grade	58.200	Cum	5263.270	306322.310
23	Plain/reinforced cement concrete in substructure complete as per drawings and technical specification Clauses 802, 804, 805, 806, 807, 1202 ans 1204 PCC M -20 Grade	6.670	Cum	6012.610	40104.110
24	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	24.000	Nos	110.390	2649.360
25	Supplying, fitting, and placing HYSD bar reinforcement in superstructure complete as per drawing and technical specifications Clauses 1002, 1010 and 1202	0.490	MT	62458.720	30604.770
26	Painting Parapet Wall (Blact & White Strip) painting two costs including primer coat after filling the surface with synthetic enamel paint in all shades on new, plastered / concrete surface as per drawing and Technicals Specification Clause 1701	26.580	Sqm	101.610	2698.760

Shubh
16.3.24
J.C.

Manoj Kumar Singh

EXECUTIVE ENGINEER
RURAL WORKS DEPARTMENT
WORKS DIVISION, PURNEA

20/5/24

20/5/24

20/5/24

	Description of work	No. or Qty.	Unit	Estimated Rate	AMOUNT Rs. P
				Figure	
27	Drainage spouts complete as per drawing and technicals specification Clause 1209.	2.000	Nos	424.060	848.120
28	Plain/reinforced cement concrete in substructure complete as per drawings and technical specification Clauses 802, 804, 805, 806, 807, 1202 and 1204 PCC M-15 Grade (1:2.5:5)	22.690	Cum	5693.140	129177.350
29	Sand Filling in Foundation:- Sand Filling in Foundation Trenches as per drawing and technical specification Clause 1108 - rate as per item no. 11.2 (I) of Chapter 11	1.010	Cum	496.080	501.040
30	Approach Deck Slab :- Providing and laying reinforced cement concrete in super structure as per drawing and Technical specification Clause 800, 1205.4, 1205.5. RCC M-25 Grade	3.690	Cum	6949.490	25643.620
31	Providing and filling joint sealing compound as per drawings and technical specifications with coarse sand and 6 per cent bitumen by weight.	12.000	Mtr.	39.130	469.560
	300 mm irrigation pipe				
32	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.	30.000	Rm	882.830	26484.900
	COST OF DISMENTLING OF CD STRUCTURE				
33	Dismantling of existing structures, like culverts, bridge, retaining wall and other structures comprising of brick masonry including unserviceable material and stacking the serviceable material with all lift and lead of 1000m as per technical specification clause 202.				
	Cement Concrete	0.750	Cum	503.880	377.910
	Reinforced cement concrete	1.680	Cum	1145.640	1924.680
34	Dismantling of existing structures, like culverts, bridge, retaining wall and other structures comprising of brick masonry including unserviceable material and stacking the serviceable material with all lift and lead of 1000m as per technical specification clause 202.				
	Cement Mortar	24.750	Cum	237.670	5882.330
	Total Cost of Construction =		Rs		5592480.670

Sh. 163-29
J.R.

M. K. Singh

EXECUTIVE ENGINEER
RURAL WORK'S DEPARTMENT
WORK'S DIVISION, PURNEA

Description of work	No. or Qty.	Unit	Estimated Rate	AMOUNT Rs. P
			Figure	
Add GST @ 18%		Rs		1006646.52
Add Labour Cess @ 1%		Rs		55924.81
Add Seigniorage Fee @ 10%		Rs		66270.500
Total Construction Cost (A)		Rs		6721322.500
Below As per Aggrement 0.21 %		Rs		6707208.00
5 YEARS ORDINARY MAINTENANCE COST				
35 I st Year	1.000	Year	18747.000	18747.000
36 II nd Year	1.000	Year	22883.000	22883.000
37 III rd Year	1.000	Year	144175.000	144175.000
38 IV th Year	1.000	Year	35259.000	35259.000
39 Vth Year	1.000	Year	154401.000	154401.000
Sub - Total (B)		Rs		375465.000
Add GST @ 18%		Rs		67583.70
Add Labour Cess @ 1%		Rs		3754.65
Add Seigniorage Fee @ 10%		Rs		8321.500
Total (B)		Rs		455124.850
Below As per Aggrement 0.21 %		Rs		454169.00
Total Cost of Project A+B (inRs.)		Rs		7176447.350
Total Cost of Project A+B (inRs.) As per Aggrement Below		Rs		7161377.000
Total Cost of Project (in Lakh)=				71.613770
Quoted Rate in Words				

Shaka
16-3-24
J.E.

16-3-24
V

7161
30/03/24

B.O.D. revised due to G.S.T. enhancement 12% to 18%.

Revised B.O.D. approved for amount Rs 71,61,377.00 Rupees.
Seventy one lakh sixty one thousand three hundred
& seventy seven only.

mangkumar Singh

EXECUTIVE ENGINEER
RURAL WORK'S DEPARTMENT
WORK'S DIVISION

अधीक्षण अभियंता
ग्रामीण कार्य विभाग
कार्य अंचल, पूर्णिया

04/05/2024