



OFFICE OF THE EXECUTIVE ENGINEER
R.W.D. WORKS DIVISION, Jhanjharpur

Supplementary Agreement NO.- 29A/24-25

Agreement No.

29S.B.D/2023-24 (MMGSY NDB BRICS)

NAME OF WORK:-

Construction With Maintenance of Work From
Package No- MMGSY-NDB-BRRP-570-Jhanjharpur,
Name of Road- PMGSY Road To Mandal Tola Under
MMGSY NDB (Brics)

NAME OF AGENCY:-

Arun Kumar Singh, S/O-Kamta Prasad Singh, Vill.-
Near Civil Court, PWD Colony, Dehri, Dist-Rohtas,
Bihar-821307, Email.- arunsingh8635@gmail.com,
Mob.-6200939894

Supplementary Value :-

Rs.-09,86,655.00 (Rs.- Nine Lakh Eighty Six Thousand
Six Hundred Fifty Five) Only.

Total Work Cost:-

Rs.-03,46,70,375.00 (Rs. Three Crore Forty Six Lakh
Seventy Thousand Three Hundred Seventy Five) Only.

Rate:-

16.85 (Sixteen Decimal Eighty Five Paisa) % Below From B.O.O Rate

Date of Start:-

01-02-2024

Date of Completion :-

31-01-2025

Performance Security Amount:-

80,000.00 (Eighty Thousand)

Additional Performance Security Amount:-

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Executive Engineer
Rural Works Division, Jhanjharpur
4/12/25



बिहार BIHAR



AS 823325

क्रम संख्या 10526 तिथि 20/01/25 मूल्य 1.00 रु. शीट संख्या 1

मैना का नाम एवं पता

अरुण कुमार सिंह देहरी रोड ताला

वर्किल मैना, ला० नं०-05/88

AGREEMENT NO - 29(8)/24-25

सहमति -
completion -

16.85 (Sixteen Decimal Eighty Five Paisa) % Below From B.O.O Rate

Supplementary:- MMGSY NDB BRICS

Supplementary Agreement No.-29SBD/2023-24

This Supplementary agreement, made the day of 2025 Between Executive Engineer R.W.D (W) Division, Jhanjharpur of the one part, and Arun Kumar Singh, S/O-Kamta Prasad Singh, Vill.-Near Civil Court, PWD Colony, Dehri, Dist-Rohtas, Bihar-821307, Email:- arunsingh8635@gmail.com, Mob.-6200935894 Construction With Maintenance of Work From Package No-MMGSY-NDB-BRRP-570-Jhanjharpur, Name of Road-PMGSY Road To Mandal Tola Under MMGSY NDB (Brics) (hereinafter called "contractor" of the other part)

Whereas the Employer is desirous that the Contractor execute Additional Work in Construction With Maintenance of Work From Package No-MMGSY-NDB-BRRP-570-Jhanjharpur, Name of Road- PMGSY Road To Mandal Tola Under MMGSY NDB (Brics) (hereinafter called the Work) 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 at cost of Supplementary Value Rs. 09,86,655=00 (Rs. Nine Lakh Eighty Six Thousand Six Hundred Fifty Five) only. Resulting the total work Cost Rs.-03,46,70,375=00 (Rs.-Three Crore Forty Six Lakh Seventy Thousand Three Hundred Seventy Five) Only.

अरुण कुमार सिंह

Executive Engineer
R.W.D (W) Division, Jhanjharpur,
Bihar

MUKHYA MANTRI GRAM SAMPRAK YOJANA (MMGSY)

BOQ

PMGSY Road TO Mandal Tola

Name of Road :

Block : **MADHEPUR**

Length : **0.685 km**

District : **MADHUBANI**

SL. NO.

ITEM OF WORK

UNIT

QTY.

Rate

AMOUNT

1

2

3

4

5

6

1

Providing & Fixing of Working benchmark Pillars 2 nos. per km & 6 Nos. of reference pillars required for 1 Km. as per drawings given and direction of E/I

Km

0.685

45032.62

30847.34

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

Ha

0.257

75559.79

19418.87

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 1000 m & 100 m as per Technical Specification Clause 301.5 . (Including Royalty & Labour Cess).

Cum

828.010

250.16

207134.98

4

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).

Cum

843.640

251.94

212546.66

5

Construction of granular sub-base 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 at OMC, and compacting with smooth wheel roller to achieve the desired density, complete as per Technical Specification Clause 401.

Cum

281.570

3209.44

903682.02

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 to fill-up the interstices of coarse aggregate, watering and compacting to the required density Grading 3 as per Technical Specification Clause 405.

Cum

211.170

5589.09

1180248.14

Approved as Corrected

S. E.

R.W.D. Works Circle, Madhubani

18/11/25

Executive Engineer
Rural Works Department,
Madhubani

7	Construction of un-reinforced 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 and 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 slab for 14 days curing compound (where specified) and water finishing to lines and grade as per drawing and Technical specification clause 1501.	Cum	450.510	9547.48	4301235.21
8	Cable Duct Across the Road: 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:98-1997, 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.	M	22.500	1935.52	43549.20
9	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.				
	Km Stone	Nos.	2.000	3231.77	6463.54
	200 M Stone	Nos.	2.000	883.84	1767.68
10	Providing and fixing of retro- reflectorised cautionary, mandatory and informatory sign as per IRC :67 made of high intensity grade sheeting vide clause 801.3, 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 45 cm x 45 cm x 60 cm, 60 cm below ground level as per approved drawing.				
i	600 mm equilateral & triangle, OR	Nos.	3.000	4171.02	12513.06
ii	600 mm circular, OR	Nos.	2.000	5542.98	11085.96
iii	800 mm x 600 mm rectangular, OR	Nos.	3.000	7671.13	23013.40
iv	600 mm x 450 mm rectangular, OR	Nos.	2.000	5402.54	10805.08
11	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	137.000	806.73	121482.01
12	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	Nos.	4.000	657.03	2628.11

S. E.
R.W.D. Works Circle, Madhubani

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Rural Works Department
Madhubani Division, Jhansi Harpur

13	Providing and laying Rumble Strip with road studs and Thermoplastic Compound with Reflectorising Glass Beads on Bituminous Surface				
i	Thermoplastic Paint	Sqm	4.500	772.40	3475.80
ii	Road Strips	Nos.	36.000	294.50	10602.00
14	Providing and erecting direction and place identification retro reflectorised sign as per IRC:67 made of high intensity grade sheeting vide clause 801.3, fixed over aluminium sheeting, 2 mm thick with area not exceeding 0.9 sqm supported on a mild steel single angle iron post 75 x 75 x 6 mm firmly fixed to the ground by means of properly designed foundation with M15 grade cement concrete 45 x 45 x 60 cm, 60 cm below ground level as per approved drawing.	Nos.	3.000	14018.46	42055.38
15	Providing and fixing of typical MGSY 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.	5.000	11126.69	55633.45
16	Earth work in excavation for foundation of structures upto 3.0 m depth as per drawing and technical specification clause 1104	Cum	951.226	427.34	406496.92
17	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	144.690	7999.33	1157423.06
18	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	575.102	9270.42	5331437.08
19	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	7.500	4010.64	30079.82
20	Painting on Parapet Wall (Black & White Strips) 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	294.070	137.87	40626.15
21	Sand Filling in Foundation Trenches as per drawing and technical specification Clause 1108.	Cum	270.800	565.91	153248.43
22	P.C.C grade M 10 Providing concrete for plain/reinforced concrete in open foundations, PCC-M10 complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203	Cum	24.000	Approved as per S. E. R.W.D. Works Circle, Madhuban	2081

Asst. Engineer

**Executive Engineer
Rural Works Department.**

R.W.D. Works Circle, Madhuban

25	Boulder Apron Providing and laying boulder apron for bed protection with stone boulders of minimum size and weight as per Table 1300.1, no fragment weighing less than 25 kg laid dry complete as per drawing and technical specifications Clause 1301	cum	131.870	4764.81	628335.49
26	Providing and Laying Reinforced Cement Concrete Pipe NP3 as per design in Single Row of 1000 mm dia 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	m	232.500	4593.36	1067956.20
27	Plastering with cement mortar (1:4), 15 mm thick on substructure as per technical specification Clauses 613.4 & 1204	Sqm	253.390	530.04	136536.67
					₹ 1,63,57,800.35
	10% GST on Construction Cost				₹ 29,44,404.06
	1% Labour Cess				₹ 1,63,578.00
	Seigniorage Fee				₹ 74,236.90
	Total Construction (A)				₹ 1,95,40,019.00
28	1st Year Maintenance cost	Year			₹ 33,473.00
29	2nd Year Maintenance cost	Year			₹ 39,279.00
30	3rd Year Maintenance cost	Year			₹ 1,63,969.00
31	4th Year Maintenance cost	Year			₹ 50,859.00
32	5th Year Maintenance cost	Year			₹ 56,669.00
					₹ 3,44,249.00
	10% GST on Maintenance cost				₹ 61,964.82
	1% Labour Cess				₹ 3,442.49
	Seigniorage Fee				₹ 1,249.28
	Total Maintenance (B)				₹ 4,10,966.00
	Grand Total Cost (A+B) =				₹ 1,99,51,104.00
	As Per Agreement Below 16.85%				₹ 33,61,761.00
	Total Cost of Project				₹ 1,65,89,343.00

By 18/11/22
 Review BOB approved for RS-1,65,89,343.00 (Rupees One Crore - sixty five lacs eighty nine thousands three hundred forty three only).

Asst. Engineer

Executive Engineer
 Rural Works Department
 Works Division, Jhansi

Superintending Engineer
 RWD Works Circle
 Madhubani