



3482 कृष्ण कीट रोड - 1000 - 961  
21-10-25 कार्य पोलिक अभियंता, ग्रामीण कार्य BA 302417  
प्रमंडल, कैमारापुर, आर-रजित कन्सट्रक्शन कंपनी प्राईम एंटीरिड केवना  
मुख्य अभियंता पद  
अनुमंडल कार्यालय झांझारपुर  
ला 10 नं-1/100 मधुबनी  
Date of receipt - 24-10-26  
Date of receipt - 23-10-25

Suppl. amt. - 21242791 - *Revised B.O.Q*  
- 13835718 - *original ap. amt.*  
- 7407073 - *Difference.*

17.99% (Seventeen Decimal Nineteen Nine Paisa) % Below From B.O.Q Rate

**Supplementary:- MMGSY Agreement. No - 24/SBD/25-26**

*OLD w*  
**Supplementary Agreement No:-17SBD/2024-25**

This Supplementary Agreement, made the *Therday* day of *NOVEMBER* 2025 Between Executive Engineer R.W.D (W) Division, Jhanjharpur, (Here in After Called" The Employer" of the one part, and M/S Ranjit Construction Company, Vill-E423, Harinagar-II, Saurabh Vihar, Badarpur, New Delhi, Correspondence Address-Karanpur, Po-Mahrail, Ps-Mahrail, Ps-Rudrapur, Dist-Madhubani. (here in after called "The Contractor of the other part) for additional work of Road from Package No-MMGSY-NDB-BRRP-569-Jhanjharpur, Name of Road-Narayanpur To Kako Under MMGSY-NDB-Tranche-II. Whereas the Employer is desirous that the Contractor executes the additional work of road from Package No-MMGSY-NDB-BRRP-569-Jhanjharpur, Name of Road-Narayanpur To Kako Under MMGSY-NDB-Tranche-II. (here in after called "The Work) and Completion of Such Works and the Remedying of Any defects there in at additional Cost of Rupees:-74,54,107.00 (Seventy Four Lakh Fifty Four Thousand One Hundred Seven) Only.

*7407073 = 10 (Seventy four lakh seven thousand seven hundred and seventy three only)*

*19/11/25*  
Executive Engineer  
R.W.D. (W) Division, Jhanjharpur.  
Works Division, Jhanjharpur  
*19.11.25*



**MUKHYA MANTRI GRAM SAMPRAK YOJANA ( MMGSY )**  
**BILL OF QUANTITY**

Name of Road :

Narayanpur TO Kako

Block :

Madhubani

Construction Length :

2.536 km

SL. NO.	ITEM OF WORK	QTY.	Rate (Rs.)	Amount (Rs.)
1	Setting Out Pillars	10	11	11
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	2.54	44473.48	112785.00
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	0.95	75559.79	71857.00
3	Box Cutting Excavation for roadway in soil using manual means for carrying of cut earth to embankment site with a lift upto 1.5 m and lead upto 50 m as per Technical Specification Clause 302.3	272.94	186.96	51028.00
4	Construction of embankment with approved material deposited from road way cutting and excavation from drain and foundation of other structures and excavated with an average lead of 50 m graded and compacted to meet requirement of tables 300.1 and 300.2 as per technical specification clause 301.5	163.76	49.14	8047.00
5	Excavation in Soil using Hydraulic Excavator and Tippers with disposal upto 1000 m Excavation for roadwork in soil with hydraulic excavator of 0.9 cum bucket capacity including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross-sections, and transporting to the embankment location with a lift upto 1.5 m and lead upto 1000 m as per Technical Specification Clause 302.3 (Including Royalty & Labour Cess).	0.00	100.28	0.00
6	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 <u>lead upto 1000 m</u> as per Technical Specification Clause 301.5 .	1433.65	250.16	358642.00
7	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 <u>lead upto 100 m</u> as per Technical Specification Clause 301.5 .	2178.27	198.83	433105.00
8	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.	1891.13	251.94	476451.00
9	For Grading I Material (By mix in place method ):- Construction of Gravel/Soil-aggregate base by providing well graded material, spreading in uniform layers with motor pn prepared surface, mixing by mix in place method with rotavator at OMC, and compacting with three wheel80-100 kn static roller to achieve the desired density, complete as per Technical Specification Clause 402.	683.00	3143.58	2147065.00

*[Signature]*  
**Executive Engineer**  
Rural Works Department  
Works Division, Banjhar

**Approved as Corrected**

**S. E.**

*[Signature]*  
R.W.D. Works Circle, Madhubani



Sl. No.	ITEM OF WORK	QTY.	Rate (Rs.)	Amount (Rs.)
1	2	10	11	12
10	WBM Grading 3 (By Manual 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 three wheel 80-100 kN static roller in stages to proper grade and camber, applying and brooming, crushable screening to fill-up the interstices of coarse aggregate, watering and compacting to the required density Grading 3 as per Technical Specification Clause 405.	501.99	5475.40	2748596.00
11	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 0.70-1.0kg/sqm using mechanical means as per Technical Specification Clause 502	3620.85	60.05	217432.00
12	Tack Coat:- Providing and applying tack coat with Bitumen emulsion (RS-1) using emulsion distributor at the rate of 0.25-0.30kg per sqm on the prepared granular surfaces treated with primer & cleaned with Hydraulic broom as per Technical Specification Clause 503.	3620.85	20.58	74517.00
13	Mix Seal Surfacing Type B 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	3620.85	278.90	1009855.00
14	<u>Cement Concrete Pavement M30</u> Construction of un-reinforced, 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.	957.48	9355.06	8957283.00
15	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.	75.00	1926.72	144504.00

Approved as Corrected

S. E.

R.W.D. Works Circle, Madhubani

Executive Engineer  
Rural Works Department  
Works Division, Jhanjharpur



NO.	ITEM OF WORK	QTY.	Rate (Rs.)	Amount (Rs.)
1	2	10	11	12
16	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	Km Stone	5.00	3192.18	15961.00
ii	200 M Stone	13.00	876.83	11399.00
17	Traffic Sign 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	11.00	4152.48	45677.00
ii	600 mm circular, OR	7.00	5524.43	38671.00
iii	800 mm x 600 mm rectangular, OR	11.00	7652.59	84178.00
iv	600 mm x 450 mm rectangular, OR	7.00	5384.00	37688.00
18	Road Marking with Hot Applied Thermoplastic Compound with Reflectorising Glass Beads on Bituminous Surface :- 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.	191.20	772.40	147683.00
	Road Marking with Hot Applied Thermoplastic Compound with Reflectorising Glass Beads on Conctete Surface :- 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.	316.00	886.73	280207.00
19	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	16.00	657.03	10512.00
20	Providing and laying Rumble Strip with road studs and Thermoplastic Compound with Reflectorising Glass Beads on Bituminous Surface Thermoplastic Paint	19.50	772.40	15062.00

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Executive Engineer  
Rural Works Department  
Works Division, Jhanjhar  
19/11/23



NO.	ITEM OF WORK	QTY.	Rate (Rs.)	Amount (Rs.)
1	2	10	11	12
21	Providing and laying Rumble Strip with road studs and Thermoplastic Compound with Reflectorising Glass Beads on Bituminous Surface Road Strips	104.00	294.50	30628.00
22	Direction And Place Identification Signs Up To 0.9 Sqm Size Board	7.00	13998.84	97992.00
23	Planting of trees by the road side (Avenue trees) in 0.60 m dia holes, 1 m deep dug in the ground, mixing the soil with decayed farm yard/sludge manure, planting the saplings, backfilling the trench, watering, fixing the tree guard and maintaining the plants for one year	96.00	890.04	85444.00
24	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 (i) Providing and Fixing 'Logo' of PMGSY Project (ii) Providing & Fixing of LOGO of "Citizen Information Board" (iii) Maintenance Board	5.00	11089.60	55448.00
	Hume Pipe :- 1 x 600 mm Dia			
25	Earth work in excavation for foundation of structures upto 3.0 m depth as per drawing and technical specification clause 1104	0.00	427.34	0.00
26	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	0.00	7852.16	0.00
27	Plain/Reinforced cement concrete(M-20) in substructure complete as per drawings and technical specification Clauses 802, 804, 805, 806, 807, 1202 and 1204	0.00	9121.83	0.00
28	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	0.00	4024.77	0.00

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Works Division, Jhansi

19/11/25



Sl. NO.	ITEM OF WORK	QTY.	Rate (Rs.)	Amount (Rs.)
1	2	10	11	12
29	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	0.00	137.87	0.00
	Hume Pipe :- 1 x 1000 mm Dia			
30	Earth work in excavation for foundation of structures upto 3.0 m depth as per drawing and technical specification clause 1104	119.19	427.34	50936.00
31	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	18.38	7852.16	144323.00
32	Plain/Reinforced cement concrete(M-20) in substructure complete as per drawings and technical specification Clauses 802, 804, 805, 806, 807, 1202 and 1204	134.97	9121.83	1231192.00
33	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	30.00	4024.77	120743.00
34	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	82.56	137.87	11383.00
	Dismantal			
30	Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts and lead of 1000 m as per Technical Specification Clause 202. Cement Concrete	1.20	566.24	679.00
31	Dismantling of existing structures like culverts, bridges, retaining walls and other structures comprising of brick masonry, including disposal of unserviceable material and stacking the serviceable material with all lift and lead of 1000 m as per Technical Specification Clause 202. Cement mortar	34.66	306.98	10640.00
32	Removing all types of Hume pipes and stacking including Earthwork and Dismantling of Masonry Works as per Technical Specification Clause 202.			
i	Upto 600 mm dia Hume pipe	10.00	258.84	2588.00
	RCC BOX CULVERT - 1 x 2M x 2M			

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Works Division, Jhansi

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SL. NO.	ITEM OF WORK	QTY.	Rate (Rs.)	Amount (Rs.)
1	2	10	11	12
33	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.	0.00	427.34	0.00
34	Plain cement concrete PCC M 15 (1:2.5:5) in levelling course below open foundation of head walls as per drawing and technical specification clause 1109	0.00	7852.16	0.00
35	Providing PCC M 20 (1:2:4) concrete for plain concrete in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203	0.00	8590.51	0.00
36	Plain/reinforced cement concrete (M-20) in substructure complete as per drawings and technical specification Clauses 802, 804, 805, 806, 807, 1202 and 1204	0.00	9121.83	0.00
37	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	0.00	315.72	0.00
38	Backfilling behind abutment, wing wall and return wall complete as per drawings & technical specification Clause 1204.3.8	0.00	4005.35	0.00
39	Providing and laying filter material underneath pitching in slopes complete as per drawing and technical specifications Clause 1302	0.00	4513.17	0.00
40	Providing and laying reinforced cement concrete (M25) in superstructure as per drawing and technical specifications Clauses 800, 1205.4 and 1205.5	0.00	10384.33	0.00
41	Supplying, fitting, and placing HYSD bar reinforcement in (Fe 415) in substructure & superstructure complete as per drawing and technical specifications Clauses 1002, 1010 and 1202	0.00	86206.85	0.00
42	Construction of R.C.C. railing of M 25 grade in cast-in-situ with 20 mm nominal size aggregate, true to line and grade, tolerance of vertical railing post not to exceed 1 in 500, centre-to-centre spacing between vertical posts not to exceed 2000 mm as per drawing and technical specifications Clauses 800, 900 and 1208.3	0.00	4824.94	0.00
43	Drainage spouts complete as per drawing and technical specifications Clause 1209	0.00	1506.74	0.00
44	Providing and laying cement concrete wearing course M 30 grade including reinforcement complete as per drawing and technical specifications Clauses 800 and 1206.3	0.00	16247.65	0.00
45	Plastering with cement mortar (1:4) on brick work in sub-structure as per Technical Specifications	43.52	526.90	22931.00
46	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.	47.25	427.34	20192.00

Executive Engineer  
Rural Works Department  
Works Division, Jhansi

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R.W.D. Works Circle, Madhuban

19/11/20



ITEM OF WORK		QTY.	Rate (Rs.)	Amount (Rs.)
2		10	11	12
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		4.90	7852.16	38476.00
Brick masonry work in cement mortar (CM 1:4) in foundation complete including pointing and plastering as per drawing and technical specifications Clauses 602, 603, 604, 1202 & 1203		45.85	7853.59	360087.00
Providing concrete for plain/reinforced concrete M-20 in coping over protection wall complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203 P.C.C grade M 20		1.05	9121.83	9578.00
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 face complete as per drawing and technical specification		35.00	315.72	11050.00
Providing and laying filter media with granular crushed aggregates as per specification to a thickness of not less than 600 mm with smaller size towards the soil and bigger size towards the wall and providing over the entire surface behind abutment, wing wall, return wall to the full height, compacted to firm condition complete as per drawing and technical specification Clause 1204.3.8		49.00	526.90	25818.00
Construction Cost :				1,98,28,333.00
18% GST on Construction Cost				35,69,099.94
1% Labour Cess				1,98,283.33
Seigniorage Fee				2,05,208.07
Total Construction(A)				2,38,00,924.00
51	1st Year Maintenance cost			1,25,748.00
52	2nd Year Maintenance cost			1,56,227.00
53	3rd Year Maintenance cost			7,07,552.00
54	4th Year Maintenance cost			3,53,832.00
55	5th Year Maintenance cost			4,18,517.00
				17,61,876.00

Approved as Corrected

S. E.

R.W.D. Works Circle, Madhuban

Executive Engineer



SL. NO.	ITEM OF WORK	QTY.	Rate (Rs.)	Amount (Rs.)
1	2	10	11	12
	18% GST on Maintenance cost			3,17,137.68
	1% Labour Cess			17,618.76
	Seigniorage Fee			5,127.22
	Total Maintenance (B)			21,01,760.00
	Grand Total Cost (A+B) =			2,59,02,684.00
	As Per Agreement Below 17.99 %			46,59,893.00
	Total Cost of Project			2,12,42,791.00

*[Signature]*  
17/10/25  
CE

B.O.D. approved for Rs. 2,12,42,791.00 (Rupees two crore twelve lacs forty two thousand seven hundred ninety one) only.

*[Signature]*  
18/10/25  
अधीक्षक अभियन्ता  
ग्रामीण कार्य विभाग  
कार्य अचल मधुबनी  
*[Signature]*  
18/10/2025  
E.O.

*[Signature]*  
12/11/25  
Executive Engineer  
Rural Works Department  
Works Division, Jhanyharpur  
*[Signature]*  
12/11/25

*[Signature]*  
A.11.25

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