

RURAL WORKS DEPARTMENT

GOVERNMENT OF BIHAR

GST Claim Under Change in Law

NAME OF WORK :- MANIKPUR TO MINAPUR

Executive Engineer. RWD WORKS DIVISION, DAGARUA, PURNEA

CONTRACTOR NAME :- PREMANSHU KUMAR

GSTN:-



समाप्त ७१० ११/१०/२४
AP 762033
1000/-

21/10/24
Md. Shamim Ahmad Ans
S. V. BAISI, PURNE
L.No.-230/95

S/A. No-07SBD/2024-25

Supplementary Agreement of Agreement No 124 SBD/2020-21

This Supplementary agreement of Agreement No 124 SBD/2020-21 made on 24/10/2024 between Executive Engineer, R.W.D works Division Baisi of the one Part and Premanshu Kumar, At- Amla Tola Madhubani, Ward No-15, Po- Pardhan Dak Ghar Purnea District- Purnea, Pin-854301 Herein after called the contractor of the other part whereas the Employer has accepted the Difference amount of sanctioned GST revised rate @ 18% sanctioned by the Superintending Engineer, Rural Works Department, Works circle Purnea Via Letter No.-1441 (anu.) Dated-16.10.2024 For Rupees 2,33,728.00 (Rupees Two Lakhs Thirty Three Thousand Seven Hundred Twenty Eight only) as illustrated Below :-

| Sl No. | Name of Road | Approved Agreement Value Including 18% GST | Previously Approved Agreement |
|-------------------|---------------------|--|-------------------------------|
| 1 | Manikpur to Minapur | 46,78,503.00 | 44,44,775.00 |
| Difference Amount | | 2,33,728.00 | |

In this Agreement, Words and expression shall have the same meanings as are respectively assigned to them in the Condition of contract hereinafter referred to, and they shall be deemed to from and be read and construed as part of this aggrement.

Premanshu Kumar

24/10/24

24/10/2024
कार्यपालक अभियंता
ग्रामीण कार्य विभाग
प्रमण्डल बायसी

| | | | | | |
|---|---|-------------|-------------------------|-----------------------|--------------|
| Tender Inviting Authority: Engr-in Chief RWD Patna | | | | MANIKPUR TO MINAPUR | |
| Name of Work: Construction of Road & CD Works Under : | | | | | |
| BLOCK :- DAGARUA | | | RWD (w) Division, Baisi | | |
| Bidder Name: | | | | Excess (+) | % |
| BOQ | | | | | |
| Sl. No. | Description of work | No. or Qty. | Unit | Estimated Rate Figure | AMOUNT Rs. P |
| 1 | Providing & Fixing of Working benchmark/Refrence 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 | 4366.290 | 4366.290 |
| ii | Refrence Piller 04 nos. Per Km | 2.000 | Nos | 1992.940 | 3985.880 |
| 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 exeeding 150mm in thickness as per technical specification - clause 201.1 and direction of E/I (By Manual Means) In area of non-thorny jungle | 0.390 | Hect. | 51133.760 | 19942.170 |
| 3 | 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. a) Cement Concrete | 19.060 | Hect. | 484.740 | 9240.330 |
| 4 | 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 | 27.000 | Cum | 74.160 | 2002.320 |
| 5 | Construction of Embankment Construction of embankment with approved materials deposited at site and obtained from roadway cutting and excavation from drain and foundation of other structures and excavated with an average lead of 100 m graded and compacted to meet requirement of Tables 300.1 and 300.2 as per Technical Specification Clause 301.5 | 16.200 | Cum | 26.250 | 425.250 |

| Sl. No. | Description of work | No. or Qty. | Unit | Estimated Rate | AMOUNT Rs. P |
|---------|--|-------------|------|----------------|-----------------|
| | | | | Figure | |
| 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 lead upto 100m as per Technical Specification Clause 301.5 . For 1000 m | 129.390 | Cum | 188.050 | 24331.790 |
| 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 lead upto 100 m as per Technical Specification Clause 301.5 . | 459.740 | Cum | 157.240 | 72289.520 |
| 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 & 100 m as per Technical Specification Clause 303.1. (Including Royalty & Labour Cess). | 876.360 | Cum | 189.890 | 166412.000 |
| 9 | Granular sub- base with Well Graded Material Table 400.1) Gr-I : - 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. | 306.650 | Cum | 2737.870 | 839567.840 |
| 10 | 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. | 156.240 | Cum | 3581.320 | 559545.440 |
| 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 0.90-1.2 kg/sqm using mechanical means as per Technical Specification Clause 502. | 1515.000 | Sqm | 43.670 | 66160.050 |

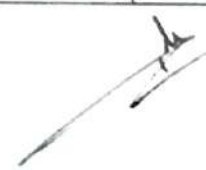
| Sl. No. | Description of work | No. or Qty. | Unit | Estimated Rate | AMOUNT Rs. P |
|---------|---|-------------|------|----------------|-----------------|
| | | | | Figure | |
| 12 | Tack Coat :- Providing and applying tack coat with bitumen emulsion using emulsion pressure distributor at the rate 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. | 1515.000 | Sqm | 15.010 | 22740.150 |
| 13 | 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 | 1515.000 | Sqm | 199.530 | 302287.950 |
| 14 | 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) and water finishing to | 90.900 | Cum | 6963.200 | 632954.880 |



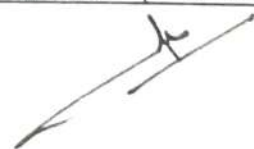
| Sl. No. | Description of work | No. or Qty. | Unit | Estimated Rate | AMOUNT Rs. P |
|---------|---|-------------|------|----------------|-----------------|
| | | | | Figure | |
| 15 | Hard Shouldring :- Laying brick soling layer on prepared sub-grade with brick on end edging according to lines, graded 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 | 75.000 | Sqm | 506.780 | 38008.500 |
| 16 | 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. Ordinary Kilometer Stone (Precast) | 1.000 | Each | 2207.540 | 2207.540 |
| 17 | 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. 200 m Stone (Precast) | 2.000 | Each | 604.730 | 1209.460 |
| 18 | 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 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 | 2.000 | Each | 9570.100 | 19140.200 |

| Sl. No. | Description of work | No. or Qty. | Unit | Estimated Rate | AMOUNT Rs. P |
|---------|---|-------------|------|----------------|-----------------|
| | | | | Figure | |
| 19 | <p>Citizen Information Board</p> <p>Citizen Information Board as per Drawing Information 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</p> | 1.000 | Each | 9570.100 | 9570.100 |
| 20 | <p>Five Year Maintenance Board</p> <p>Five Year Maintenance Board as per Drawing Information 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</p> | 1.000 | Each | 9570.100 | 9570.100 |

| Sl. No. | Description of work | No. or Qty. | Unit | Estimated Rate | AMOUNT Rs. P |
|---------|---|-------------|--------------------------|----------------|-----------------|
| | | | | Figure | |
| 21 | 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 | 0.520 | 22.880 |
| 22 | 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 | 32.000 | Nos | 495.660 | 15861.120 |
| 23 | 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 | 13.000 | Nos | 3653.940 | 47501.220 |
| 24 | 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 Circular | 14.000 | Nos | 4879.610 | 68314.540 |



| Sl. No. | Description of work | No. or Qty. | Unit | Estimated Rate | AMOUNT Rs. P |
|---------|---|-------------|------|----------------|-----------------|
| | | | | Figure | |
| 25 | 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 1701.2.2 800 mm X 600 mm rectangular | 4.000 | Nos | 6780.830 | 27123.320 |
| 26 | 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 1701.2.2 900 mm side octagaon OR | 1.000 | Nos | 8633.810 | 8633.810 |
| 27 | 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. | 58.000 | Each | 818.840 | 47492.720 |
| 28 | 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. | 80.000 | Sqm | 735.440 | 58835.200 |



| Sl. No. | Description of work | No. or Qty. | Unit | Estimated Rate Figure | AMOUNT Rs. P |
|---------|---|-------------|------|--------------------------|-----------------|
| 29 | 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. | 30.000 | Sqm | 834.290 | 25028.700 |
| 30 | 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. | 50.000 | Rm | 869.710 | 43485.500 |
| 31 | Earthwork in excavation for Foundaiton of structure upto 3.0 m depth as per drawing and Technical specification Clause 1101. | 29.800 | Cum | 294.730 | 8782.950 |
| 32 | Providing M-15 (PCC 1:2.5:5) as levelling course in foundaiton:- Providing M-15 (PCC 1:2.5:5) concrete in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203 PCC M -15 Grade | 4.600 | Cum | 5414.890 | 24908.490 |
| 33 | Plain/reinforced cement concrete (M20) in substructure complete as per drawings and technical specification Clauses 802, 804, 805, 806, 807, 1202 and 1204 | 33.740 | Cum | 6191.400 | 208897.840 |
| 34 | 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. | 7.500 | Rm | 3588.420 | 26913.150 |
| 35 | Painting Parapet Wall (Blact & White Strip) painting two coats 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 | 20.640 | Sqm | 97.190 | 2006.000 |

| Sl. No. | Description of work | No. or Qty. | Unit | Estimated Rate Figure | AMOUNT Rs. P |
|----------------------|--|-------------|------|-----------------------|--------------|
| | Total Cost of Construction = | | Rs | | 3419765.200 |
| | Add Labour Cess @ 1% | | Rs | | 34197.65 |
| | Add GST @ 18% | | Rs | | 615557.74 |
| | Add Seigniorage Fee @ 10% | | Rs | | 39004.750 |
| | Total Construction Cost (A) | | Rs | | 4108525.340 |
| | 5 YEARS ORDINARY MAINTENANCE COST | | | | |
| 36 | I st Year | 1.000 | Year | 18604.000 | 18604.000 |
| 37 | II nd Year | 1.000 | Year | 62840.000 | 62840.000 |
| 38 | III rd Year | 1.000 | Year | 154655.000 | 154655.000 |
| 39 | IV th Year | 1.000 | Year | 75027.000 | 75027.000 |
| 40 | V th Year | 1.000 | Year | 166920.000 | 166920.000 |
| | Sub - Total (B) | | Rs | | 478046.000 |
| | Add Labour Cess @ 1% | | Rs | | 4780.46 |
| | Add GST @ 18% | | Rs | | 86048.28 |
| | Add Seigniorage Fee @ 10% | | Rs | | 3911.890 |
| | Total (B) | | Rs | | 572786.630 |
| | Total Cost of Project A+B (inRs.) | | Rs | | 4681311.970 |
| | Total Cost of Project A+B (inRs.) As Per Aggrement Below 0.06% = | | | | 4678503.000 |
| Quoted Rate in Words | | | | | |

[Signature]
01/10/2024
E.E.

S.E.

B.O.D. revised due to GST. entainment 12% to 18%

Revised B.O.D. approved for amount Rs 46,78,503.00
Rupees forty six lakh seventy eight thousand five hundred
& three only.

[Signature]
16/10/24
अधीक्षण अभियंता
ग्रामीण कार्य विभाग
अचल, पूर्णियाँ

अधीक्षण अभियंता
ग्रामीण कार्य विभाग
अचल, पूर्णियाँ