

कार्यपालक अभियंता का कार्यालय
ग्रामीण कार्य विभाग, कार्य प्रमण्डल चकिया, पूर्वी चम्पारण।

पत्रांक: 1615/अनु0, चकिया/दिनांक: 11/05/2022

सेवा मे,

विजय गिरी (Reg.1170172),

ग्राम+पोस्ट-शितलपुर, थाना-चकिया, पूर्वी चम्पारण।

पिन-845412, मो0 नं0-9955240524.

विषय:-पुनरीक्षित कार्यादेश के संबंध में।

प्रसंग:-विभागीय पत्रांक-मु0अ0-4 (मु0) 3054-04-211/2021 1721 अनु0
पटना/दिनांक-12.04.2022 एवं अधीक्षण अभियंता, ग्रामीण कार्य विभाग, कार्य
अंचल, मोतिहारी का पत्रांक-1036 अनु0, मोतिहारी/ दिनांक-03.11.2022

महाशय ,

उपर्युक्त विषयक प्रसांगिक पत्र के द्वारा नई मरम्मत योजना M.R (3054)-2018
अन्तर्गत Group No.- MR-N/20-21 Chakia/01 के अधीन Pipra NH-28 to Kalyanpur
Road तक पथ निर्माण कार्य आप के नाम से आवंटित हुआ था, जिसका एकरारनामा
आपके द्वारा दिनांक-24.11.2020 को किया गया है। किये गये एकरारनामा में चैनेज-
0.00 मी0 से 200.00 मी0 में पी0सी0सी0 नाला की जगह आर0सी0सी0 नाला का
प्रावधान प्रभावी जल निकासी हेतु किया गया है, जिससे एकरारनामा की राशि में
आवश्यक संशोधन कर उक्त कार्य को दिनांक:- 05-11-22 से प्रारंभ कर निर्धारित
अवधि (1 दिन) दिनांक- 20-11-22 तक समाप्त करने हेतु पुनरीक्षित कार्यादेश
दिया जाता है।

अतः आप सम्बंधित कनीय अभियंता एवं सहायक अभियंता के देख रेख में
उक्त कार्य को मानक विशिष्टियों के अनुरूप निर्धारित अवधि में सम्पादित करना
सुनिश्चित करें। MIX Design - MIT Muzaiffarpur से करा कर ही कार्य करायें।

विश्वासभाजन,

कार्यपालक अभियंता

ग्रामीण कार्य विभाग

कार्य प्रमण्डल-चकिया।

ज्ञापांक:- 1615

दिनांक:- 11-05-22

प्रतिलिपि-सम्बंधित सहायक अभियंता/कनीय अभियंता को सूचनार्थ एवं आवश्यक
कार्रवाई हेतु प्रेषित। आपको निर्देशित किया जाता है कि उक्त कार्य अपनी देख रेख में
विशिष्टियों के अनुरूप सम्पादित कराना सुनिश्चित करें।

कार्यपालक अभियंता

ग्रामीण कार्य विभाग

कार्य प्रमण्डल-चकिया।

विभागीय पत्रांक-मु0अ0-4 (मु0)-निविदा-09-152/2019-पार्ट-3 3572 अनु0 पटना, दिनांक-23.
09.2020, MBD No:-20MBD/2020-21 has been revised

Name of Contractor- **Vijay Giri (Reg.1170172),**
AT- Gram+Po-Shitalpur, P.S-Chakia,
Block-Chakia, Dist-East Champaran.
Pin - 845412, Mob. No.9955240524

Name of Work - **Construction of Road & CD Works with Maintenance- Group**
No.- MR-N/20-21 Chakia/01 के अधीन Pipra NH-28 to
Kalyanpur Road Tak Path Nirman. Road under MR (3054).

Previous Agreement Value **Rs.36837705=00 Rupees-(Three crore sixty eight**
Lakh thirty seven thousand seven hundred five) only.

Balance Agreement Value- **Rs.2170618=00 (Twenty one Lakh seventy**
thousand six hundred eighteen) only.

Performance Security -(Required Amount) **Rs.153500=00 Rupees- (One Lakh fifty**
three thousand five hundred) only.

Rate -**6.60 % (Below)**.....

Date of Work Order -**05-11-22**.....

Item of Work -**1 TO 49**.....

Contract Date of Completion -**20-11-22**.....

EXECUTIVE ENGINEER
Works Division R.W.D.
Chakia

05.11.22 **05/11/22**



Handwritten text in Hindi: "गोप विज्ञापन 10/10 विज्ञापन राज देव धर्मा मालिनीनरु (11/11) 5-11-2022" and "चकी का नाते बसिदिग".
 Stamp: AR 852015
 Stamp: बिहार बिहारी
 Stamp: बिहार कापडिन. मोडिह
 Stamp: 40-142-89

Supplementary Agreement Form

Agreement No.20MBD/2020-21 Dated:- 24. November.2020 has been revised
 This agreement, made the _____ day of _____ 2022,
 between **Executive Engineer, RWD (W) Division, Chakia.** of the one part, and **Vijay Giri (Reg.1170172), At-Gram+Po-Shitalpur, P.S-Chakia, Block-Chakia, DIST-EAST CHAMPARAN. Bihar, Pin – 845412, Mob. No.9955240524** Whereas the Employer is desirous that the Contractor execute **Construction of Road & CD Works with Maintenance, Group No.- MR-N/20-21 Chakia/01** के अधीन **Pipra NH-28 to Kalyanpur Road Road under MR (3054)** and thereafter undertake routine maintenance for five years; and the Employer has accepted the Bid by the Contractor for the execution and completion of such Works and the remedying of any defects and routine maintenance therein at a cost of **Rs 2170618 =00 Rupees-(Twenty one Lakh Seventy thousand Six hundred eighteen) only.**

NOW THIS REVISED AGREEMENT WITNESSETH as follows:

1. In this Revised Agreement, words and expression 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 and undertaking routine maintenance for five years.

Handwritten signature: विजय गिरी

Handwritten signature: [Signature]
 Stamp: EXECUTIVE ENGINEER, Works Division R.W.D Chakia
 Stamp: 11/12
 Stamp: 05-11-22

Name of Work: Construction of Road & CD Works of :- Pipra NH-28 to Kalyanpur Road ,Length -9.1 Km., Block -Chakia , District -East Champaran, UNDER MR. Construction Cost of Road - 348.768 Lacs & 5 Years Maintenance Cost - 68.88 Lacs

Contract No: Civil Works:

Bidder Name:

Excess (+) %

SCHEDULE OF WORKS

(This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevant columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only)

Sl. No.	Description of work	No.or Qty.	Unit	Estimated Rate	AMOUNT Rs. P
				Figure	
1.00	Clearing and grubbing road land including uprooting wild vegetation, grass, bushes, shrubs, saplings and trees of girth upto 300 mm, removal of stumps of such trees cut earlier and disposal of unserviceable materials and stacking of serviceable material to be used or auctioned, upto a lead of 1000 m including removal and disposal of top organic soil not exceeding 150 mm in thickness as per Technical Specification Clause 201.	0.910	Ha	52970.340	48203.01
2.00	Filling in foundation trenches as per drawing and technical specification Clause 305.3.9	1080.000	Cum	442.520	477921.60
3.00	Consturcion of subgrade and earthen shoulders with approved material obtained from borrow pits with all lifts and leads, transproting to site, spreading, grading to required slope and compacted to meet requirement of Table 300.2 with lead upt 1000m as per Technical Specification clause	3822.000	Cum	192.040	733976.88
4.00	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. (By mix in place method) For Grading I Material	952.260	Cum	2075.820	1976720.35
5.00	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. WBM Grading 2 (By Mechanical Means)	103.810	Cum	3610.840	374841.30
6.00	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. WBM Grading 3 (By Mechanical Means)	175.210	cum	3353.780	587615.79

	Description of work	No.or Qty.	Unit	Estimated Rate	AMOUNT Rs. P
				Figure	
7.00	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- 1.0 kg/sqm using mechanical means as per Technical Specification Clause 502.	2336.133	Sqm	42.950	100336.91
8.00	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.	31211.133	Sqm	14.700	458803.66
9.00	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	2336.133	Sqm	208.830	487854.65
10.00	Providing and laying semi dense bituminous concrete with 100-120 TPH batch type HMP producing an average output of 75 tonnes per hour using crushed aggregates of specified grading, premixed with bituminous binder @ 4.5 to 5 per cent of mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MoRTH specification clause No. 508 complete in all respects.	729.100	cum	10848.450	7909604.90
11.00	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, laid in approved fixed side formwork (steel channel, laying and fixing of 125 micron thick plythene 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.	1007.475	Cum	6978.330	7030493.02
12.00	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) 5th km stone	2.000	No.	3850.510	7701.02
13.00	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. ii) Km stone	8.000	No.	2309.390	18475.12

	Description of work	No.or Qty.	Unit	Estimated Rate Figure	AMOUNT Rs. P
14.00	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. iii) 200 m stone	38.000	No.	625.500	23769.00
15.00	Providing and fixing of retro-reflectorised cautionary, mandatory and informatory sign as per IRC:67 made of encapsulated lens type reflective sheeting vide Clause 1701.2.3 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 450 mm x 450 mm x 600 mm, 600 mm below ground level as per drawings and Technical Specification Clause 801 i) 600 mm equilateral & triangle,	6.000	Nos	3469.310	20815.86
16.00	Providing and fixing of retro-reflectorised cautionary, mandatory and informatory sign as per IRC:67 made of encapsulated lens type reflective sheeting vide Clause 1701.2.3 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 450 mm x 450 mm x 600 mm, 600 mm below ground level as per drawings and Technical Specification Clause 801 ii) 600 mm circular	4.000	Nos	4718.970	18875.88
17.00	Providing and fixing of retro-reflectorised cautionary, mandatory and informatory sign as per IRC:67 made of encapsulated lens type reflective sheeting vide Clause 1701.2.3 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 450 mm x 450 mm x 600 mm, 600 mm below ground level as per drawings and Technical Specification Clause 801 iii) 600 mm x 450 mm rectangular,	6.000	Nos	4591.040	27546.24
18.00	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	80.000	Nos	489.280	39142.40
19.00	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. At Edge for BT Portion	1540.000	Sqm	721.950	1111803.00
20.00	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. Pedestrian Crossing(2 m in length and providing at 50 cm apart)	8.000	sqm	721.950	5775.60
21.00	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. At Edge for CC Portion	280.000	Sqm	808.520	226385.60

	Description of work	No.or Qty.	Unit	Estimated Rate	AMOUNT Rs. P
				Figure	
22.00	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	3.000	No.	11169.180	33507.54
23.00	Earthwork excavation for foundation of structures as per drawing and technical specification clause 1104 including setting out, stumps and other deleterious matter, dressing of sides and bottom and backfilling with approved material. (A) Ordinary soil	1766.790	Cum	279.090	493093.42
24.00	Brick Flat Soling Laying brick soling layer on prepared sub-grade With brick on lines, graded and cross-section shown on the drawing filling joints with sand and earth as per Technical Specification Clause 412	1570.970	Sqm	284.440	446846.71
25.00	Providing concrete for plain/reinforced concrete in open foundations complete as per drawings and technical specifications clause 802,803,1202&1203	33.110	Cum	5790.380	191719.48
26.00	Brick masonry work in cement mortar in foundation complete excluding pointing and plastering as per drawing and technical specifications clauses 600,1202&1203	104.300	Cum	5562.000	580116.60
27.00	Brick masonry work in cement mortar in substructure complete excluding pointing and plastering, as per drawing and technical specifications clauses 602,603,604,1202&1204	59.230	Cum	5797.820	343404.88
28.00	Plain/reinforced cement concrete in substructure complete as per drawings and technical specification clauses 802,804,805,806,807,1202&1204	10.330	Cum	6298.180	65060.20
29.00	Providing & Laying reinforced cement concrete in superstructure as per drawing and technical specifications clauses 800,1205.4 and 1205.5	11.750	Cum	7236.790	85032.28
30.00	Supplying, fitting, and placing HYSD bar reinforcement in superstructure complete as per drawing and technical specifications Clauses 1002,1010 and 1202	2.200	MT	52679.270	115894.39
31.00	Brick masonry work in cement mortar 1:3 in parapet excluding pointing and plastering as per drawing and technical specifications clauses 600,900 and 1208.4	3.960	Cum	5748.720	22764.93
32.00	Plastering with cement mortar (1:4), 15 mm thick on brickwork in substructure as per technical specification clauses 613.4 & 1204	1903.780	Sqm	171.350	326212.70
33.00	Backfilling behind abutment, wing wall and return wall complete as per drawings & technical specification clause 1204.3.8	39.990	Cum	700.830	28026.19

	Description of work	No.or Qty.	Unit	Estimated Rate	AMOUNT Rs. P
				Figure	
34.00	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 616,709,1204.3.7	54.000	Nos	109.940	5936.76
35.00	Drainage spouts complete as per drawing and technical specifications clause 1209	2.000	Nos	439.790	879.58
36.00	Backfilling behind abutment, wing wall and return wall complete as per drawings & technical specification clause 1204.3.8	36.620	Cum	560.730	20533.93
37.00	Neat Cement punnim on Parapet Top	2716.280	Sqm	27.900	75784.21
38.00	Providing concrete for plain/reinforced concrete in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203 RCC M-25	495.000	Cum	6894.720	3412886.40
39.00	Plain/reinforced cement concrete in substructure complete as per drawings and technical specification Clauses 802, 804, 805, 806, 807, 1202 and 1204 RCC M-25 Cover plate	180.000	Cum	6612.640	1190275.20
40.00	Supplying, fitting and placing HYSD bar reinforcement (Fe 415) in substructure complete as per drawings and technical specification Clauses 1002, 1005, 1010 & 1202 50 Kg/Cum	33.750	MT	51549.340	1739790.23
41.00	1% Labour Cess	1.000	No	308644.283	308644.28
42.00	12% GST	1.000	No	3703731.400	3703731.40
Total Construction Cost :					34876803.10
43.00	Maintainance for 1st year	1.000	Year	605236.00	605236.00
44.00	Maintainance for 2nd year	1.000	Year	798800.00	798800.00
45.00	Maintainance for 3rd year	1.000	Year	1275805.00	1275805.00
46.00	Maintainance for 4th year	1.000	Year	1563849.00	1563849.00
47.00	Maintainance for 5th year	1.000	Year	1851883.00	1851883.00
48.00	1% Labour Cess	1.000	No	60955.73	60955.73
49.00	12% GST	1.000	No	731468.76	731468.76
Five Year Maintenance Cost :					6887997.49
Total Estimated Cost in Figures					41764800.59
Say Amount					4,17,64,801.00
Quoted Rate in Words					

30/08/2021