

Supplementary Agreement

Name of Road :- Const of road from Maricha Chowki to Mujhaffarpur Malahi
(Package No- M/R-N/2019-20, Hajipur/ 13 Scheme – 3054 New Maintenance Policy)

Length :- 5.80 K.M ✓

Name of Division :- R.W.D Works Division, Hajipur.

Name of Block :- Bhagwanpur

Agreement No & Date :- 38/MBD/ Sup/ 2022-23 ✓

Name and Address of Agency :- Sri Pramod Kumar At- Saraya , Khanaha Chak , Dist- Vaishali

Construction Cost :- 124.18212 (Previous- 120.05921+ Revised- 4.12291) ✓

Maintenance Cost :- 55.41788 (Previous- 55.41788 + Revised-0.00) ✓

Total :- 179.60000 ✓

Agreement Value :- 179.60000 ✓

Performance Security Deposit :- Nil

Addl. Performance Grantee :- Nil

Time required for Work :- 3 Month ✓

Date of Start :- 20.09.2022 ✓

Date of Completion :- 19.12.2023 ✓

Total No. of Item :- ~~31~~ 22

Note :- B.O.Q Rate

Approved – S.E , RWD, Works Circle, Muzaffarpur Lt no- 1615 dt- 26.08.2022

Pramod Kumar

Agency

Division Accounts Officer

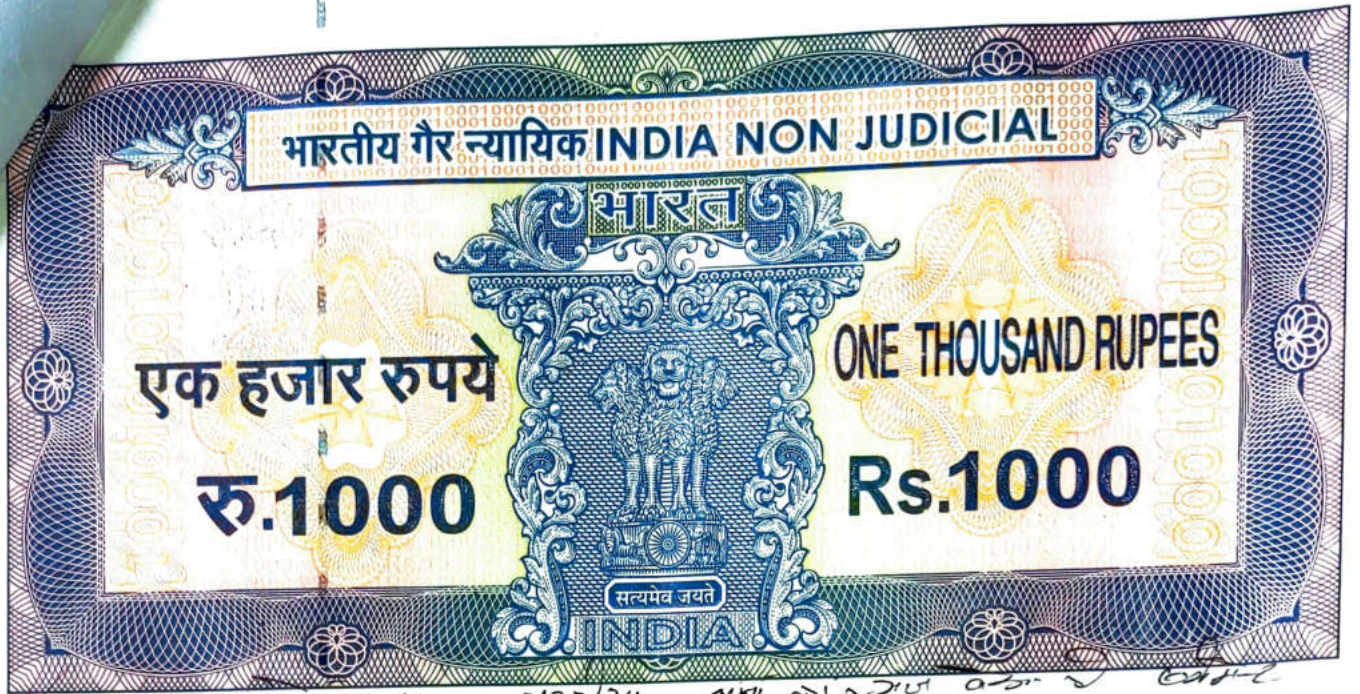
R.W.D (W) Div Hajipur

Executive Engineer

R.W.D(W) Div, Hajipur

Pramod Kumar

Executive Engineer
R.W.D. Works Division
Hajipur



9483
7619/2022
6171
19/9/2022
बिहार BIHAR
कोषागार पदाधिकारी
वैशाली
16 SEP 2022

AR 954583
ब्रह्म अहमद खां
स्टाम्प मेन्डर
राजस्टा अफिस हाजीपुर (वैशाली)
भा. नं. 2/2002

Supplementary Agreement Form

38/SUPPLY/MR/MBD/2022-23
S. Ag. NO- 38 MBD/ 2022-23

This Supplementary agreement, made the Tuesday of 22.09.2022 between Executive Engineer, Rural Works Division, Hajipur of the one part and Sri Pramod Kumar At- Saraya, Khanaha Chak, Dist- Vaishali is desirous that the Contractor execute the Work Const of road from Maricha Chowki to Mujhaffarpur Malahi (Package No- M/R-N/2019-20, Hajipur/ 13 Scheme – 3054 New Maintenance Policy) 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 179.60000 Lakh (One Crore Seventy Nine Lakh Sixty Thousand) Only.
NOW THIS AGREEMENT WITNESSETH as follows :

1. In this 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 mention, 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.

Pramod Kumar

24/9/2022

Executive Engineer
R.W.D. Works Division
Hajipur
24/9/22

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 and undertaking routine maintenance for five years, the Contract Price or such other sum as may become payable under 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 to 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 :
- (vi) General Conditions of contract:
- (vii) Specifications;
- (viii) Drawings;
- (ix) Bill of Quantities; and
- (x) Any other documents listed in the Contract Date as forming part of the Contract.

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

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 -----

Parmod Kumar

22/9/2022

Executive Engineer
R.W.D. Works Division
22/9/2022

Detailed Estimate for Permanent Restoration of The Road from Maricha chowki to Mujhaffarpur Malahi

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 Clearing and Grubbing Road Land (By manual means) including uprooting wild vegetation, grass, bushes, shrubs, saplings and trees of girth upto 300 mm, 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 | 1.160 | Hect | 51133.760 | 59315.16 |
| 2.00 | 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). | 2943.030 2785.33 | Per Km. | 175.220 | 515077.72 488045.52 |
| 3.00 | Construction of gravel 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. (For Grading I Material) | 223.491 | Hectare | 2133.990 | 476926.49 |
| 4.00 | 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 405.80 -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. | 286.720 | cum | 3586.690 | 1028375.76 |
| 5.00 | 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 0.70-1.0 kg/sqm using mechanical means as per Technical Specification Clause 502 | 3822.715 | cum | 41.890 | 160133.53 |

Signature of Tenderer with seal

Parmod Kumar

24/9/22

Executive Engineer
R.W.D. Works Division

of 4

| | Description of work | No. or Qty. | Unit | Estimated Rate | AMOUNT Rs. P |
|-------|---|-------------|------|----------------|-----------------|
| | | | | Figure | |
| 6.00 | 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. | 3959.265 | cum | 205.960 | 815450.22 |
| 7.00 | Tack Coat :-Providing and applying tack coat with Bitumen emulsion (RS-1) using emulsion distributor at the rate of 0.25 to 0.30 kg per sqm on the prepared granular surfaces treated with primer & cleaned with Hydraulic broom as per Technical Specification Clause 503. | 26578.310 | cum | 14.250 | 378740.92 |
| 8.00 | 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 as respects. | 565.478 | cum | 10671.750 | 6034639.84 |
| 9.00 | Reinforced cement concrete M15 grade kilometre stone/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 5th Kilometre Stone (Precast) | 1.000 | cum | 3685.250 | 3685.25 |
| 10.00 | Reinforced cement concrete M15 grade kilometre stone/local stone of standard design as per IRC:8 fixing in position including painting and printing etc as per drawing and Technical Specification Clause 17003 Kilometer Stone | 7.000 | cum | 2194.400 | 15360.80 |
| 11.00 | Reinforced cement concrete M15 grade kilometre stone/local stone of standard design as per IRC:8 fixing in position including painting and printing etc as per drawing and Technical Specification Clause 17003 200 Stone | 22.000 | cum | 612.080 | 13465.76 |

Signature of Tenderer with seal

Parmod Kumar

22/9/2022

2 of 4
Executive Engineer
W.D. Works Division
Hajipur

| | Description of work | No. or Qty. | Unit | Estimated Rate | AMOUNT Rs. P |
|-------|--|-------------|------|----------------|-----------------|
| | | | | Figure | |
| 12.00 | (I) 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 | 11.520 | sqm | 12236.160 | 140960.56 |
| 13.00 | 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 or properly designed foundation with M15 rade cement concrete 450 mm x 450 mm x 600 mm below ground level as per drawings and Technical Specification Clause 801 600 mm equilateral & triangle | 8.000 | sqm | 3567.950 | 28543.60 |
| 14.00 | 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 or properly designed foundation with M15 rade cement concrete 450 mm x 450 mm x 600 mm below ground level as per drawings and Technical Specification Clause 801 600 mm circular | 6.000 | sqm | 3664.490 | 21986.94 |
| 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 or properly designed foundation with M15 rade cement concrete 450 mm x 450 mm x 600 mm below ground level as per drawings and Technical Specification Clause 801 600 mm x 450 mm rectangular | 10.000 | sqm | 3535.370 | 35353.70 |
| 16.00 | Panting of trees by the road side (Avenue trees) in 0.60 m dia holes. 1m deep dug in the ground mixing the soil with decayed farm yard/studge manure planting the sapings backfilling the trench watering fixing the tree guard and maintaining the plants for one year. | 187.000 | cum | 819.920 | 153325.04 |

Signature of Tenderer with seal

Parmod Kumar

22/9/2019
22/9/2019
 Executive Engineer
 R.W.D. Works Division
 Jaipur

| | Description of work | No. or Qty. | Unit | Estimated Rate Figure | AMOUNT Rs. P |
|--|--|-------------|------|--------------------------|-----------------|
| 17.00 | Providing and laying of hot approved thermoplastic compound 2.5 mm thick including At Edge for BT Portion. | 1100.000 | cum | 735.440 | 809110.40 |
| 18.00 | Pedestrian Crossing (2m in Length and Providing at 50 CM Apart) | 20.000 | sqm | 735.420 | 14708.40 |
| 19.00 | Providing and fixing of typical PMGSY 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 | CUM. | 10520.320 | 21040.64 |
| 20.00 | Brick masonry work in cement mortar 1:3 in parapet excluding pointing and plastering as per drawing and technical specifications Clause 600, 900 and 1208.4 | 24.277 | Sqm | 5604.220 | 136053.65 |
| 21.00 | Plastering with cement mortar (1:4) on brick work in sub-structure as per Technical Specifications | 153.580 | CUM. | 162.300 | 24926.03 |
| 22.00 | Painting on Parapet wall 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 | 153.580 | CUM. | 88.470 | 13587.22 |
| 23.00 | 12% GST on Construction Cost | 1.000 | Nos | 1313444.120 | 1313444.12 |
| 24.00 | 1% Labour Cess | 1.000 | Nos | 109453.640 | 109453.64 |
| 25.00 | Seigniorage Fee | 1.000 | Nos | 81184.800 | 81184.80 |
| Total Construction Cost : | | | | | 1248212.32 |
| 26.00 | Maintainance for 1st year | 1.000 | Year | 335986.00 | 335986.00 |
| 27.00 | Maintainance for 2nd year | 1.000 | Year | 596340.00 | 596340.00 |
| 28.00 | Maintainance for 3rd year | 1.000 | Year | 1647742.00 | 1647742.00 |
| 29.00 | Maintainance for 4th year | 1.000 | Year | 712548.00 | 712548.00 |
| 29.00 | Maintainance for 5th year | 1.000 | Year | 1599663.00 | 1599663.00 |
| 30.00 | 12% GST on Construction Cost | 1.000 | Nos | 587073.48 | 587073.48 |
| 30.00 | 1% Labour Cess | 1.000 | Nos | 48922.79 | 48922.79 |
| 31.00 | Seigniorage Fee | 1.000 | Nos | 13516.00 | 13516.00 |
| Five Year Maintenance Cost : | | | | | 5541791.27 |
| Total Estimated Cost in Figures | | | | | 179,60,003.00 |
| Say Amount | | | | | 179,60,003.00 |
| Quoted Rate in Words | | | | | 179,60,003.00 |

Revised B.O.Q. approved for Rs. 179.60 Lacs
 Rupees. one Crore Seventy nine Lakh Sixty
 Thousand. Hundred.
 Signature of Tenderer with seal
 P. Arun Kumar
 Superintendent
 Rural Works
 Work Circle
 Say B. 1,79,60,000.00
 Executive Engineer
 R.W.D. Works Division
 Hailapur