

बिहार BIHAR

10 MAR 2023

2 1 23 1000/- नगरे मोहन सिंह जगन्मोहन  
प्रियम कुदरि सिंह  
अमोयल कस्टडी

Agreement No.- 15 M.B.D. /MR /2022-23 2020-21

Supplementary Agreement No-01 of M.B.D. Agreement No-15/MR /2020-21

This agreement, made the 21st day of April-2023, between Executive Engineer: R.W.D. Work Division, Birpur Supaul (On Behalf of Employer)(hereinafter called "the Employer") of the one part and Nagendra Mohan Singh (hereinafter called "the Contractor") of the other part.

Whereas the Employer is desirous that the Contractor execute Reconstruction with five year maintenance work of Construction With Five Years Maintenance under New Maintenance Policy 2018 Package No-MR-N/19-20 Virpur/05 Tender ID-94241 Additional work of Road From Dharhara To Dumri (Name and Identification of Contract) (hereinafter called "the Works") and there after undertake routine maintenance for 5 years, & 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 contract price of Rs.29,81,911.00 (Twenty Nine Lakh Eighty One Thousand Nine Hundred Eleven) including 0.07% below of BOQ, which in revised amount (Excluding original agreement Value

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 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 5 years.

Executive Engineer  
Rural Works Department  
Work Division, Birpur  
21/04/23

Nagendra Mohan Singh

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 5 years, the Contract Price or such other sum as may become payable under the 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 and construed as part of this Agreement, viz.:

- i) Letter of Acceptance;
- ii) Notice to proceed with the works;
- iii) Contractor's Bid;
- iv) Condition of Contract : General and Special
- v) Contract Data
- vi) Additional condition
- vii) Drawings
- viii) Bill of Quantities and
- ix) Any other document listed in the Contract Data as forming part of the contract.

In witness where of the parties there to have caused this 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 \_\_\_\_\_

Nagendra Mohan Singh

  
21/4/23  
**Executive Engineer**  
Rural Works Department  
Work Division, Birpur  
  
21/04/23



# SUPPLEMENTARY BILL OF QUANTITY

## ① Bill of Quantity

Name of Road : DHARHARA TO DUMRI

Block : Raghopur

District : Supa

Length : 3.435

Sl. no	Description	Unit	Qty	Rate	Amount
1	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	-0.0040	51133.76	-204.54
2	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.	Cum	-21.60	187.61	-4052.38
3	<u>Granular Sub-base with Well Graded Material(Grade 2) :</u> 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.	Cum	18.35	2,158.70	39609.45
4	<u>Water Bound Macadam with Stone Screening Gr-II :</u> 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 2 as per Technical Specification Clause 405.	Cum	10.506	3,876.51	40728.07
5	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 cled with hydriloc broom as per technical specification aclause 503.	Sqm	-3988.24	14.52	-57909.21
6	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.	Cum	-99.71	10,184.78	-1015495.90

*Asst. Supt.  
JE 5/12/23*

*Smt  
5/1/2023  
A-E*

*[Signature]  
5/1/23  
EE  
Executive Engineer  
Rural Works Department  
Work Division, Birpur*

*[Signature]  
3-1-23  
Superintending Engineer  
Rural Works Department  
Works Circle Madhepura*

*[Signature]  
21/4/23  
Executive Engineer  
Rural Works Department  
Work Division, Birpur*

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, 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.	cum	627.21	6,709.21	4208083.60
8	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.				
i	At Edge for BT Portion	Sqm	-210.60	735.44	-154883.66
iii	At Edge for Old CC Portion	Sqm	207.00	821.30	170009.10
	<b>Total Construction Cost (A)</b>				<b>3225884.5</b>
9	5 YEAR MAINTENANCE COST	Quaterly	20	-12096.7	-241933.1
	<b>Total 5 Year Maintenance Cost (B)</b>				<b>-241933.1</b>
	<b>Total Cost (A+B)</b>				<b>2983951.5</b>

*Musanto*  
5/1/23

*Sumit*  
5/1/2023  
AE

*5/1/23*  
Executive Engineer  
Rural Works Department  
Work Division, Birpur

*Red*  
A.A = 160 175 lacs vide letter NO - CE-2, 1304 (357)  
dated 01.11.2022

Supplementary B.O. & approved for Rs 29,84,000.00  
(Twenty nine lacs eighty four thousand) only.

Approved as Corrected

*Sumit*  
S.E. 5/1/23

R.W.D., Works Circle, Madhepura

*5/1/23*  
Executive Engineer  
Rural Works Department  
Work Division, Birpur

*Shanku*  
7/1/23



परिशिष्ट 'क'

ग्रामीण कार्य विभाग, कार्य प्रमण्डल, वीरपुर के अधीन बिहार ग्रामीण पथ अनुरक्षण नीति 2018 अंतर्गत पुनरीक्षित प्राथमिक स्वीकृति प्रदत्त योजना की सूची:-

sl no.	Name of Scheme	Length (in k.m)	Administrative Approval				Revised T.S for Const.+Maint. Cost (in lakh)
			Department Ref Lett. No. / Date	Const. cost (in Lakh)	Maint. (in Lakh)	Total Cost (in Lakh)	
1	2	3	4	5	6	7	8
1	Dharhara To Dumari	3.435	1171/10.03.22	126.1410	34.1460	160.2870	160.175

*(Signature)*  
Chief Engineer-2  
R.W.D, Patna

*(Signature)*  
Executive Engineer  
Rural Works Department  
Work Division, Birpur  
21/04/23