

**Supplementary Agreement** 

11 MBD(5)/2022-23 Agreement No....... MBD/ R.W.D. Dhaka/3054(MR)

This agreement, made the \_\_\_\_\_day of \_\_\_\_\_\_20\_\_\_

Between Executive Engineer RWD (W) Div., Dhaka of the one part, and Ranjeet Kumar, At Shankar saraiya, Fatch tola, P.S.- Turkouliya, East Champaran of the another part. Whereas the Employer is desirous that the Contractor execute Construction of Package No.-MR-N/2019-20/Dhaka/19 (1) Tola Ramji dube to Bikrampur path (2)Jhauaram kundwa chainpur to sisahani via jatwaliya (3) Dhaka Ghorasahan to Turkouliya path (4) Pachpakri gurhenwa path to Hirapur Under Package No.-MR-N/2019-20/Dhaka/19 Tender ID-113608 and the employer has accepted the Bid by the contractor for the execution and completion of such works and the remedying of any defects therein at a cost of Rupees 26,84,592.00 (Rupees twenty six Lac eighty four Thousand Five Hundred ninty two) Only

NOW THIS REVISED AGREEMENT WITNESSETH as follows:

1. In this Revised Agreement, words and expressions 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.

ABONDO 2/6/23

R. W. D. (Works)
Division Dhaka

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## कार्यपालक अभियंता का कार्यालय ग्रामीण कार्य विभाग, कार्य प्रमंडल, सिकहरना, ढाका। पत्रांक – ....नि.क.../सिकहरना, ढाका, दिनांक-...कि.क.क.क.

सेवा में.

Ranjeet Kumar, At Shankar saraiya, Fateh tola, P.S.- Turkouliya, East Champaran

विषय:- पुनरीक्षित कार्यादेश के संबंध में।

प्रसंग :- अधीक्षण अभियंता, ग्रामीण कार्य विभाग, कार्य अंचल-मोतिहारी का ज्ञापांक-520 (अनु0) दिनांक-31.05.2023

महाशय,

अतः आप संबंधित कनीय अभियंता एंव सहायक अभियंता के देख-रेख में उक्त कार्य को मानक वििष्टियों के अनुरुप निर्धारित अवधि में सम्पादित करना सुनििचत करें।

विश्वासमाजन

कार्यपालक अभियंता, ग्रामीण कार्य विभाग, कार्य प्रमंडल, सिकहरना, ढाका।

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Executive Engine 6(2)
R. W. D. (Works'
Division Dhake

## अधीक्षण अभियंता का कार्यालय ग्रामीण कार्य विभाग,कार्य अंचल, मोतिहारी

पत्रांक 520 (अनुरु) मोतिहारी, दिनांक 24 05 2023

प्रेषक:--

अधीक्षण अभियंता ग्रामीण कार्य विभाग कार्य अंचल मोतिहारी

सेवा में.

कार्य पालक अमियंता ग्रामीण कार्य विभाग कार्य प्रमंडल ढाका

विषय :--

ग्रामीण कार्य विभाग, कार्य प्रमंडल ढाका के अधीन जी०एस०टी० दर 12 प्रतिशत से 18 प्रतिशत होने के कारण अद्यतन पुनरीक्षित परिमाण विपत्र अनुमोदनोपरान्त वापस करने के सम्बन्ध में।

प्रसंग :-

आपका पत्रांक-702 अनु० दिनांक-23.05.2023

महाशय,

उपरोक्त विषयक प्रासांगिक पत्र द्वारा प्राप्त ग्रामीण कार्य विभाग, कार्य प्रमंडल ढाका के अधीन जी0एस0टी0 दर 12 प्रतिशत से 18 प्रतिशत होने के कारण अद्यतन पुनरीक्षित परिमाण विपत्र अनुमोदनोपरान्त वापस किया जाता है।

क्र.सं	पथ का नाम/पैकेज संख्या	पुनरीक्षित परिमाण विपत्र की राशि (लाख में)
1	MR-N/2022-23/Dhaka/19	535.24184

अनु०- यथोक्त।

विश्वासभाजन

124.08, 2012

अधीक्षण अभियंता ग्रामीण कार्य विभाग, कार्य अंचल, मोतिहारी

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Executive Engine (6(2)
R. W. D. (Works'
Division Dhake

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## Revised Abstract of BOQ for Package No.-MR-N/2019-20/Dhaka/19 Rural Works Department, Works Division, Dhaka

			Longth	Cost of BOQ	on 12% (In Rs.)	Total Cost of	Cost of BOQ o	n 18% (In KS./	Total Cost of BOQ on 18%	
Sl.No.	Name of Road	Block	(K.M.)	Const.	Maint.	BOQ on 12% (In Rs)	Const.	Maint.	(In Rs)	WI . 274
1	Tola Ramji dube to Bikrampur path	Dhaka	4.158	9052447.00	4216624.00	23269071.00			1 -4-707CA 26	196.7907
2	Jhauaram kundwa chainpur to sisahani via iatwaliya	Dhaka	5.25	12848487.00	ر 5368390.00 ر	18216877.00		3032.	200	1114.88340
3	Dhaka Ghorasahan to Turkouliya path	Dhaka	2.333	8152750.00	2417320.00	10570070.00	8582589.44	2545370.55	1 22 47353 06 /	95.2.5280
4	Pachpakri gurhenwa path to Hirapur	Dhaka	2.626	6118649.00	/2664925.00	8783574.00	6441262.54	20000	T 4404 0E	
24 14 VX	Total:			36172333.00	14667259.00	50839592.00	38079938.96	15444245.09	1 3332-410-1100	

Executive Engineer

Rural Works Department

Works Division, Dhaka

Superintending Engineer Rural Works Department Works Circle, Motihari

Revised D.O. A. (Doe to increase in g.s. T. from 12% to 18%) is hereby approved for Rq. 53524184. 80 (Pupes live Crosse thirty five lakks-Twenty four thousalled Out hundred Eighty four) only. Fellow the instructions on the letter No. 237 At 30. 01. 2023 of BRRDA for further Richard.

Superintending Engineer Rural Works Department Works Circle, Motihari

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## **COMPARATIVE STATEMENT OF REVISED BOQ**

Package No.-MR-N/2019-20/Dhaka/19

Name of Road- Pachpakri Gurhenwa Road To Hirapur Block- Dhaka

District- East Champaran

Length of Road :- 2.626 KM

100		As	Per Sanctioned 8	stimate / BOQ on 1	As Per Revis	ed Estimate / BOQ	Dif	fference	% (+/-)	0		
SI.No.	Item Description	Units	Quantity	Estimated Rate	Total Amount Without Taxes	Quantity	Estimated Rate	Total Amount Without Taxes	Quantity	Amount	Amount	Remarks
1	Pachpakri Gurhenwa Road To Hirapur		- M - V		\$1,000							
2	Schedule-1 Initial Rectification including Surface Renewal:-						4 18 L 18	19 DE LE			İ	100
3	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	Hect.	0.53	49496.70	26233.25	0.53	49496.70	26233.25	0.00	0.00	0.00%	
4	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	1485.60	176.75	262579.80	1485.60	176.75	262579.80	0.00	0.00	0.00	%
5	For Grading II Material-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	106.30	2208.36	234748.67	106.30	2208.36	234748.6	7 0.00	O.OO APPO	D 90.0	10%
6	WBM Grading 2 ( By Mechanical 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 2 as per Technical Specification Clause 405.	Cum	71.34	4072.71	290547.13	71.34	4072.71	290547.	R	uperintendia ural Works Works Circ 0 0.00	Departie, Not	ment

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1	Providing, laying, spreading and compacting stone aggregates of specific sizes to water bound imacadam 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.	Cum	143.92	3669.22	528074.14	143.92	3669.22	528074.14	0.00	0.00	0.00%	
8	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.	Sqm	1938.12	41.61	80645.17	1938.12	41.61	80645.17	0.00	0.00	0.00%	
9	Patch work over WBM using Mix seal surface for bituminous and Existing CC Pavement-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.	Sqm	2051.74	204.84	420278.42	2051.74	204.84	420278.42	0.00	0.00 Superintend	ing Eng	
10	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 tretaed with Primer and clened with hydriloc broom as per technical specification aclouse 503.	Sqm	11997.72	14.11	169287.83	11997.72	14.11	169287.83	0.00	Works Circ	0.00%	hari

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11	Dense Bituminous Concrete -Providing and bying 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	248.65	10324.56	2567201.84	248.65	10324.56	2567201.84	0.00	0.00	0.00%	
12	Reinforced cement concrete M15 grade kilometre local stone of standard design asper IRC:8 fixing in position including painting and printing, etc as per drawing and technical specification clause 1703.								0.00	0.00	0.00%	
13	ii) Km stone	No.	4.00	2423.26	9693.04	4.00	2423.26	9693.04	000			
14	iii) 200 m stone	No.	11.00	650.19	7152.09	11.00	650.19	7152.09	0.00	0.00	0.00%	
15	Direction and Place Identification signs with size more than 0.9 sqm size board- Retro-reflectorised Traffic SignsProviding and erecting direction and place identification retro-\reflectorised sign as per IRC:67 made of encapsulated lens type reflective sheeting vide Clause 1701.2.3, fixed over aluminium sheeting, 2 mm thick with area exceeding 0.9 sqm supported on mild steel angle iron posts 75 mm x 75 mm x 6 mm, 2 Nos. firmly fixed to the ground by means of properly designed foundation with M-15 grade cement concrete 450 mm x 450 mm x 600 mm, 600 mm below ground level as per approved drawing and Technical Specification Clause 1701.	Sqm	7.68	12435.96	95508.17	7.68	12435.96	95508.17		APPO JU Superintendin Rural Works	Departm	ent
16	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								0.00	Works Circl	e, Motih	
17	600 mm equilateral & triangle	No.	22.00	3717.72	81789.84	22.00	3717.72	81789.84	0.00	0.00	0.00%	
18	600 mm circular	No.	2.00	3817.07	7634.14	2.00	3817.07	7634.14	0.00	0.00	0.00%	4000
19	600 mm x 450 mm rectangular	No.	6.00	3687.95	22127.70	6.00	3687.95	22127.70	0.00	0.00	0.00%	

19 600 mm x 450 mm rectangular

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20	coundery Pillar/Gaurd 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	Nos	8.00	539.79	4318.32	8.00	539.79	4318.32	0.00	0.00	0.00%	William
	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	n height pei	264.00	0.50	132.00	264.00	0.50	132.00	0.00	0.00	0.00%	
22	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	Each	116.00	799.08	92693.28	116.00	799.08	92693.28	0.00	0.00	c.00%	
23	Road Marking with Hot Applied Thermoplastic Compound with Reflectorising Glass Beads-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	Sqm	525.20	735.40	386232.08	525.20	735.40	386232.08	0.00 A	0.00 PPDL	0.00%	4
24	Providing and fixing of typical MR 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. 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	No.	5.00	9510.68	47553.40	5.00	9510.68	47553.40	Rura	erintending a Works De orks Circle,	partmer	1

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25	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.	Rm	30.00	913.85	27415.50	30.00	913.85	27415.50	0.00	0.00	0.00%	
26	Plastering with cement mortar (1:4) on brick work in sub-structure as per Technical Specifications	Sqm	60.48	197.63	11952.66	60.48	197.63	11952.66	0.00	0.00	0.00%	
27	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	Sqm	60.48	95.63	5783.70	60.48	95.63	5783.70	0.00	0.00	0.00%	
28	Total Construction cost Excluding all Taxes				5379582.17	1		5379582.17	C. Contraction	0.00	0.00%	
29	Labour cess @1.%	RS	1.00	53795.82	53795.82	1.00	53795.82	53795.82		0.00	0.00%	
30	GST @12 %/18%	RS	1.00	645549.86	645549.86	1.00	645549.86			322774.93	50.00%	
31	Add Seigniorage Fee @ 10%	RS	1.00	42782.00	42782.00	1.00	42782.00	42782.00	0.00	0.00	0.00%	
32	TOTAL CONSTRUCTION COST INCLUDING ALL TAXES	The A			6121709.85			6444484.78		322774.93	5.27%	51 (P
33	less 0.05% Below as per Agreement (-)				3060.85			3222.24	0.00	161.39	5.27%	
34	Total Construction	-	. 1		6118649.00			6441262.54	0.00	322613.54	5.27%	4
35	Schedule - 2 :-			( Se a )				1000		- 10 Table		1
36	Five Year Ordinary Maintenance in Pachpakri Gurhenwa Road To Hirapur	Quarterly	20.00	117697.35	2353947.00	20.00	117697.35			0.00	0.00%	
37	Labour cess @1 %	RS	1.00	23539.47	23539.47	1.00	23539.47				0.00%	
38	GST @12 %/18%	RS	1.00	282473.64	282473.64 ~	1.00	282473.64		_	141236.82	_	
39	Add Seigniorage Fee @ 10%	RS	1.00	6298.24	6298.24	1.00	6298.24	6298.24	0.00	0.00	0.00%	ALDAD LY
40	TOTAL Maintenance COST INCLUDING ALL TAXES	i 421.	- 1	- 1-	2666258.35	117 4	P =	2807495.17		5/16/11/11	5.30%	perintending Eng
41	less 0.05% Below as per Agreement (-)			(	1333.13	ū II	-	1403.75	0.00		5. <b>39</b>	perinterium 9
42	Total Maintenance				2664925.22	-		2806091.42	-		5 30% or	irbi Works Depai
43	COST OF PROJECT IN RS. (A+B)			1 1 1 1 1 1 1	8783574.22	f		9247353.96	0.00	463779.74	5.28	Norks Circle, Mu

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