

Supplementary Agreement

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

This agreement, made the ____day of ________, and Hind Between Executive Engineer RWD (W) Div., Dhaka of the one part, and Hind Construction, Barewa, Dist- East Champaran of the another part. Whereas the Employer is desirous that the Contractor execute Construction of Package No.-MR-N/2022-23/Dhaka/02 (1) Phulwariya Chowk to Mahua Bandh Uttarwari tola (2) Pachpakri Gurhenwa Road to Barewa (3) Barharwa Phateh Mahmad to Sishani Ansari tola (4) Pachkri Gurhenwa to Parsa Saw Tola Under Package No.-MR-N/2022-23/Dhaka/02 Tender ID-118860 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 21,21,876.00 (Rupees Twenty one Lac Twenty One Thousand Eight Hundred Seventy Six) 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.

Executive Engineer
R. W. D. (Works)
Oivielon Dhaka

- 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.
- 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 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) Contract Data;
- v) Special Conditions of contract and General Conditions of Contract;
- vi) Specifications;
- vii) Drawings;
- viii) Bill of Quantities; and
- ix) Any other document listed in the Contract Data as forming part of the contract. In witness whereof the parties thereto have caused this Agreement to be executed the day and year first before written.

in the presence of:	The Common Seal of was hereunto affixed in the presence of: Signed, Sealed and Delivered by the said	 185 a h
in the presence of: Pinding Signature of Employer	Signed, Sealed and Derivered 3	-
Bilding Signature 01 1	in the presence of: Binding Signature of Employer	

Executive Engineer

R. W. D. (Works)

Oivision Dhaka

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Hind Construction, Barewa, Dist- East Champaran

विषय:- पुनरीक्षित कार्यादेश के संबंध में।

प्रसंग :- अधीक्षण अभियंता, ग्रामीण कार्य विभाग, कार्य अंचल-मोतिहारी का ज्ञापांक-544

(अनु0) दिनांक-31.05.2023

कार्यादे"। दिया जाता है। अतः आप संबंधित कनीय अभियंता एंव सहायक अभियंता के देख—रेख में उक्त कार्य को

मानक विि"।ष्टियों के अनुरुप निर्धारित अविध में सम्पादित करना सुनि"चत करें।

विश्वासमाजन

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

Executive Engineer

R. W. D. (Works)

Division Dhak

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

पत्रांक .544 (अनुः) गोतिहारी, दिनांक 31 05 2023

प्रेषक:

अधीक्षण अभियंता ग्रामीण कार्य विभाग कार्य अंचल मोतिहारी

सेवा में.

कार्य पालक अभियंता ग्रामीण कार्य विभाग कार्य प्रमंडल ढाका

विषय:--

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

प्रसंग :--

आपका पत्रांक-713 अनु0 दिनांक- 24.05.2023

महाशय.

उपरोक्त विषयक प्रासांगिक पत्र द्वारा प्राप्त ग्रामीण कार्य विभाग, कार्य प्रमंडल ढाका के अधीन जी०एस०टी० दर 12 प्रतिशत से 18 प्रतिशत होने के कारण अद्यतन पुनरीक्षित परिमाण विपन्न अनुमोदनोपरान्त वापस किया जाता है।

क्र.सं	पथ का नाम/पैकेज संख्या	पुनरीक्षित परिमाण विपन्न की राशि (लाख में)
1	MR-N/2022-23/Dhaka-02	423.38608

अनु०- यथोक्त।

विश्वासभाजन

अधीक्षण अभियंता ग्रामीण कार्य विभाग.

कार्य अंचल, मोतिहारी

Executive Enginee R. W. D. (Works' Division Dhaka

Revised Abstract of BOQ for Package No.-MR-N/2022-23/Dhaka/02 Rural Works Department, Works Division, Dhaka

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Total :-	I SECURITY OF THE PARTY OF THE	Parkers Carrhenus to Parca Saw Tola	Barharwa Phatch Mahmad to Sishani Ansari tola	Pachpakri Gurhenwa Koad to barewa		Phulwariya Chowk to Mahua Bandh Uttarwari tola		Name of Road	
	1200000	Dhaka	Dhaka	Dildid	Dhaha	Dhaka		BIOCK	
		1.82	1.00	27.1	9.1	1.5		(K.M.)	Length
31638813.00	200000	10599355.00	/0/000/.00	00 1378171	6832818 00	6527973.00		Const.	Cost of BOQ
V 001/717.00	00 010770	2226/65.00		Д,	2155798.00	2048134.00	201013100	Maint.	Cost of BOQ on 12% (In Rs.)
100.00,00.00	W 021931 COF	12826120.00	2000000	9825889 00	8988616.00	00./019/58	CO COLOR	(In Rs)	Total Cost of
An 7 seconce	Were Mille	X1156985.00	A1740cono	9053640	7193358.00	6872157.00		Const.	Cost of BOQ on 18% (In Rs.)
- Court Cak	BO SHILLE UP	2344/61,00	200000	200 6260366	7269966.00	2156600.00	1	Maint.	18% (In Rs.)
	42338608-00	1	13501746.00	20344781.00	A	UN VICEO	T 9028757.00	(In Rs)	BOQ on 18%

Executive Engineer
Rural Works Department
Works Division, Dhaka

Superintending Engineer Rural Works Department Works Circle, Motihari

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is apposed to 85.42 338608.00 (food (2000)
Thereby three lac Thirty Fight thousand six hundred Eight)
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Superintending Engineer Superintending Engineent Rural Works Department Rural Works Circle, Molihari Works Circle, Molihari

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Package Na.-MR-N/2022-23/Dhaka/02

District- East Champaran

Name of Road- Pachkri Gurhanva To Parsa Saw Tola

Block- Dhaka

Length of Road :- 1.82 KM

		As F	er Sanctiones	Estimate / BOQ on	12 % GST	As Per Re	vised Estimate / 80	Q on 18 % GST	Diffe	rence	west	
SI.No.	and the state of t	Units	Quantity	Estimated Rate	Total Amount Without Taxes	Quantity	Estimated Rate	Total Amount Without Taxes	Quantity	Amount	% (+/-) Amount	Remarks
1	AND PARTY OF THE P								1301	TP WE		
2	Schedule-1 Initial Rectification including Surface Renewal:-	-42	4 9 00							- Aller		
3	Clearing and Grubbing Road Land (By manual means) including uprooting wild vegetation, grass, bushes, shrubs, sapilings 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.	0.36	62032.43	22331.67	0.36	62032.43	22331.67				
	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. (Stone Masonary/Brick Masonary)	Cum	5.76	281.73	1622.76	5.76	281.73	1622.76				
5	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	930.00	251.03	233457.90	930.00	251.03	233457.90				
6	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	101.15	2740.02	277155.02	101:15	2740.02	277153.02				
7	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	40.94	6566.13	227877.36	40.94	Superin	227877.36 Vorks Depart	-ireet			
8	WBM Grading 3 (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 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	117.45	5382.30	632151.14	117.45	1	632151.1				

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•	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	862.67	59.71	51510.03	862.67	59.71	51510.03	Veneda e	Advis.		
10	Patch work over WBM using Mtx 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	871.30	269.01	234388,41	871.30	269.01	234388.41				3
11	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	4355.80	20.32	88509.86	4355.80	20.32	88509.86				
12	Semi-Dense Bituminous Concrete -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	87.11	14149.68	1232578.62	87.11	14149.68	1/232578.62				
13	Cement Concrete Pavement -Construction of unreinforcedplain cement thickness as perdesign, 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 exceding 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, constrution 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	Cum	545.40	9148.16	4989406.46	545.40	9148.16 Super Rural Wor	4989406.46 intending El Works Dep ks Circle, N	ngineer en nent lutihari			
14	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.			/0007.20	8961.96	3,90	2987.32	8961.96				
1	ii) Km stone	No.	3.00 8.00	2987.32 817.08	6536.64	/8.00	817.08	> 6536.64			1	
15												



17	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	5.76	15642.55	90101.09	5.76	15642.55	90101.09					
18	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						Works	lending En brks Depa Circle, Mo	riment Itihari		- x		7.
19	600 mm equilateral & triangle	No.	16.00	4528.86	72461.76	16.00	4528.86	72461.76			_		- 75
20	600 mm circular	No.	2.00	4553.78	9107.56	2.00	4553.78	9107.56			-	_	
21	600 mm x 450 mm rectangular	No.	4.00	4400.93	17603.72	4.00	4400.93	1/603.72					
22	Boundary 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	56.00	761.45	42641.20	56.00	761.45	42641.20					4,
23	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	616.00	0.63	388.08	616.00	0.63	388.08					25
24	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	182.00	1062.66	193404.12	182.00	1062.68	193404	12				j
25	Half Brick Circular Tree Guard, in 2nd Class Brick, Internal Diametre 1.25 Metres, and Hight 1.2 Metres, above ground and 0.20 metre below ground, bottom two courses laid dry and top three courses in cement mortar 1:6 (1cement 6 sand) and the intermediate courses being in dry honey comb masonary, as per design complete	Each	182.00	1996.52	363366.64	182.00	1996.52	363366	i.64				
26	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.	THE AS			/								
27	At Edge for BT Portion	Sqm	184.00		151579.20				79.20				+
28	At Edge for CC Portion	Sqm	180.00	926.43	166757.4	0 180.0	926.43	1667	57.40				1

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1	Providing and fixing of typical MR informatory sign boat Logo as per MORD specifications and drawing. Three Logo as per MORD specifications and drawing. Three Plates of 1.6 mm thick, top and middle plate duly welder MS flat iron 25mm x 5m size on back on edges. The plate will be welded with MS angle iron frame of 25m 25mm x 5mm. The angle iron frame of the lower most and flat iron frame of middle plate will be welded to 2 in cement concrete M-15 grade blocks of 450mm x 450 in cement concrete M-15 grade blocks of 450mm x 450 in cement concrete M-15 grade blocks of 450mm x 47mm of 5WG steel plate tube. All M.S. will be stove enameled or sides. Lettering and printing arrows, border etc. will be pawith ready mixed synthetic enamel paint of superior qualities shade and colour. All sections of framed posts steel tube will be painted with primer and two coats of eppaint as per drawing Clause 1701 and Annexure 1700.	d with ower m x plate nos. edded nm x nond f 12 both inted ty in and oxy	No. 5	.00 1105	5.27 552	76.35	5.00	55.27	278.35			
30	Providing and laying of a reinforced cement concrete pip duct, 300 mm dia, across the road (new construction), extending from drain to drain in cuts and toe of slope to to slope in fills, constructing head walls at both ends, providin minimum fill of granular material over top and sides of RC pipe as per IRC:981997, bedded on a 0.3 m thick layer o granular material free of rock pieces, outer to outer distance pipe at least half dia of pipe subject to minimum 450 mm in case of double and triple roducts, joints to be made leak proof, invert level of duct to be above higher than ground level to prevent entry of water are dirt, all as per IRC: 98 - 1997 and approved drawings.	e e e e e e e e e e e e e e e e e e e	30.0	992.84	29785.	20 30	Rural V	ntending En Vorks Depa Circlesand	rtme 1	23		
31	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	Cum	6.62	6986.74	46252.22	2 6.62	6986-74	46252.2	22			
32	Plastering with cement mortar (1:4) on brick work in sub- structure as per Technical Specifications	Sqm	46.08	226.87	10454.17	46.08	226.87	10454.1	7	1		
33	Plastering with cement mortar (1:4) on brick work in sub- structure as per Technical Specifications	Sqm	100.80	226.87	22868.50	100.80	226.87	22868.50)		12	1 1
34	Painting two coats including primer coat after filling the surfac with synthetic enamel paint in all shades on new, plastered / concrete surfaces as per drawing and Technical Specification Clause 1701	Sam	146.88	116.86	17164.40	146.88	116.86	17164.40	/			
35	Total Construction cost Excluding all Taxes				9295697.44	4_	1	9295697.44	1			16
36	Labour cess @1 %				92956.97	-	-	92956.97	1/	1		
37	GST @12 %/18%	E A I	70		1115483.69	-		97336.42	-			
38	Add Seigniorage Fee @ 10%	- 1			97336.42	1	 	11159216.37	1	1	-	
39	TOTAL CONSTRUCTION COST INCLUDING ALL TAXES				10601474.52	/		2231.84	/	 	-	
40	less 0.02% Below as per Agreement (-)				2120.29	/		11156984.53	1	1	+ -	1001
41	Total Construction	- ITM-			10398334.23			11,30304.33		 	-	
42	Schedule - 2 :-				10 to			222.22	- E		1	
43	Five Year Ordinary Maintenance in Pachkri Gurhanva To Parsa Saw Tola	Quarterly	20.00	98350.08	1967001.60 19670.02	20.00	98350.08	1967001.60				
44	Labour cess @1 %	-4		فارستسب				354060.29	/	V .		
45	GST @12 %/18%				236040.19 4497.74	-/		4497.74				- K
46	Add Seigniorage Fee @ 10%	LINEL			J. ANSWERS AND A STATE OF THE SECOND	//		2345229.65	/1			100
47	TOTAL Maintenance COST INCLUDING ALL TAXES			-11-	2227209.55	/		469.05	//		 	
48	less 0.02% Below as per Agreement (-)	21	JE S DE	التساليب	445.44	/		2344760.60	/			20 AP
49	Total Maintenance		3112.6		12826118.34			13501745.13	Seil Say	-81 pm u		N. Talley
50	COST OF PROJECT IN RS. (A+B)	X.)	Virginia de la Companya de la Compan	3600000	12020118.34	-6-10		13301140.10	_		The same	

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A. Vide Letter no 2090 at 06/042012 Coust - 96.349/ac Maint -21.433/ac