



बिहार BILHAR
मोहिहारी
10 APR 2023
कोष प्रमुख पदाधिकारी
कोष प्रमुख पदाधिकारी

10/04/2023
AS 855673
(10/04/2023) * (10/04/2023)

Supplementary Agreement

19 MBD (S)/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 **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)
Division Dhaka
10/06/23
10/06/23

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.

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

~~Handwritten~~
10.6.23
Executive Engineer
R. W. D. (Works)
Division Dhaka
10/6/23
10/6/23

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

पत्रांक - 396 / सिकहरना, ढाका, दिनांक - 10.06.23

सेवा में,

**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


महाशय,

उपर्युक्त विषयक अधीक्षण अभियंता, ग्रामीण कार्य विभाग, कार्य अंचल-मोतिहारी का ज्ञापांक-544 दिनांक-31.05.2023 के द्वारा MR-3054 (New Maintenance policy-2018) योजना अन्तर्गत 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 का पथ निर्माण कार्य आपको आवंटित हुआ था, जिसका एकरारनामा आपके द्वारा दिनांक-09.12.2022 को किया गया था। अधीक्षण अभियंता के प्रासंगिक पत्र के द्वारा पुनरीक्षित परिमाण विपत्र का तकनीकी स्वीकृति प्राप्त हुआ है। जिसके आलोक में किये गये एकरारनामा के राशि में आव"यक स"ोधन कर उक्त कार्य को दिनांक-..... N/A से प्रारंभ का निर्धारित अवधि दिनांक-..... N/A तक समाप्त करने हेतु पुनरीक्षित कार्यादेश दिया जाता है।

अतः आप संबंधित कनीय अभियंता एवं सहायक अभियंता के देख-रेख में उक्त कार्य को मानक विनियमों के अनुरूप निर्धारित अवधि में सम्पादित करना सुनिश्चित करें।

विश्वासभाजन

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


Executive Engineer
R. W. D. (Works)
Division Dhaka
10/06/23


10/6/23

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

पत्रांक 544 (भन्नु) मोतिहारी, 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 कार्य विभाग, कार्य प्रमंडल ढाका के अधीन जी0एस0टी0 दर 12 प्रतिशत से 18 प्रतिशत होने के कारण अद्यतन पुनरीक्षित परिमाण विपत्र अनुमोदनोपरान्त वापस करने के सम्बन्ध में।

प्रसंग :-

आपका पत्रांक-713 अनु0 दिनांक- 24.05.2023

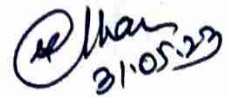
महाशय,

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

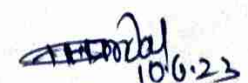
क्र.सं	पथ का नाम/पैकेज संख्या	पुनरीक्षित परिमाण विपत्र की राशि (लाख में)
1	MR-N/2022-23/Dhaka-02	423.38608

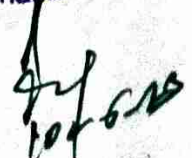
अनु0- यथोक्त।

विश्वासभाजन


31/05/23

अधीक्षण अभियंता
ग्रामीण कार्य विभाग,
कार्य अंचल, मोतिहारी


Executive Engineer
R. W. D. (Works)
Division Dhaka
10/06/23


10/06/23

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

Sl.No.	Name of Road	Block	Length (K.M.)	Cost of BOQ on 12% (In Rs.)		Total Cost of BOQ on 12% (In Rs)	Cost of BOQ on 18% (In Rs.)		Total Cost of BOQ on 18% (In Rs)
				Const.	Maint.		Const.	Maint.	
1	Phulwariya Chowk to Mahua Banchi Uttarwari tola	Dhaka	1.5	6527973.00	2048134.00	8576107.00	6872157.00	2156600.00	9028757.00
2	Pachpatri Garhenwa Road to Barcawa	Dhaka	1.6	6832818.00	2155798.00	8988616.00	7193358.00	2269966.00	9463324.00
3	Barharwa Pratch Mahmad to Sishani Ansari tola	Dhaka	1.65	7678667.00	2147222.00	9825889.00	8083842.00	2260939.00	10344781.00
4	Pachtri Garhenwa to Parsa Saw Tola	Dhaka	1.82	10599355.00	2226765.00	12826120.00	11156985.00	2344761.00	13501746.00
Total :-				31638813.00	8577919.00	40216732.00	33306342.00	9032266.00	42338608.00

[Signature]
Executive Engineer
Rural Works Department
Works Division, Dhaka

Superintending Engineer
Rural Works Department
Works Circle, Moulhari

Revised B.O.Q (due to increase in GST 12% to 18%)
is approved for Rs. 42,33,86,08.00 (forty two thousand six hundred Eight)
Twenty Three Lac Thirty Eight thousand six hundred 237 at 30.10.2022
only. Follow the instructions in letter no 237 dt 30.10.2022
of A.C.E.O. BRWD for further action

[Signature]
21.05.2023

Superintending Engineer
Rural Works Department
Works Circle, Moulhari
[Signature]
31/05/2023

COMPARATIVE STATEMENT OF REVISED BOQ

Name of Road- Phulwaria Chowk To Mahua Bandh Uttarwari Tola
Block- Dhaka

District- East Champaran

Package No.-MR-N/2022-23/Dhaka/02

Length of Road :- 1.50 KM

Sl.No.	Item Description	As Per Sanctioned Estimate / BOQ on 12 % GST				As Per Revised Estimate / BOQ on 18 % GST			Difference		% (+/-) Amount	Remarks
		Units	Quantity	Estimated Rate	Total Amount Without Taxes	Quantity	Estimated Rate	Total Amount Without Taxes	Quantity	Amount		
1	Phulwaria Chowk To Mahua Bandh Uttarwari Tola											
2	Schedule-1 Initial Rectification including Surface Renewal:-											
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 exceeding 150mm in thickness as per technical specification clause 201.1 and direction of E/I	Hect.	0.30	62032.43	18609.73	0.30	62032.43	18609.73	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	873.00	251.03	219149.19	873.00	251.03	219149.19	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	56.10	2725.73	152913.45	56.10	2725.73	152913.45	0.00	0.00	0.00%	
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	37.88	5535.86	209698.38	37.88	5535.86	209698.38	0.00	0.00	0.00%	
7	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	57.54	5355.33	308145.69	57.54	5355.33	308145.69	0.00	0.00	0.00%	

Approved
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Superintending Engineer
Rural Works Department
Works Circle, Motihari

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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	699.23	59.70	41744.03	699.23	59.70	41744.03	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	3821.11	268.50	1025968.04	3821.11	268.50	1025968.04	0.00	0.00	0.00%
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 treated with Primer and cleaned with hydriloc broom as per technical specification clause 503.	Sqm	8906.11	20.32	180972.16	8906.11	20.32	180972.16	0.00	0.00	0.00%
11	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	127.83	14122.12	1805230.60	127.83	14122.12	1805230.60	0.00	0.00	0.00%
12	Cement Concrete Pavement -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	90.90	9122.92	829273.43	90.90	9122.92	829273.43	0.00	0.00	0.00%

Approved

Superintending Engineer
Rural Works Department
Works Circle, Motihari

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13	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.								0.00	0.00	0.00%	
14	ii) Km stone	No.	3.00	2981.06	8943.18	3.00	2981.06	8943.18	0.00	0.00	0.00%	
15	iii) 200 m stone	No.	6.00	815.95	4895.70	6.00	815.95	4895.70	0.00	0.00	0.00%	
16	Direction and Place Identification signs with size more than 0.9 sqm size board- Retro-reflectorised Traffic Signs Providing 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	3.84	15638.66	60052.45	3.84	15638.66	60052.45	0.00	0.00	0.00%	
17	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	0.00	0.00%	
18	600 mm equilateral & triangle	No.	12.00	4525.94	54311.28	12.00	4525.94	54311.28	0.00	0.00	0.00%	
19	600 mm circular	No.	2.00	4550.86	9101.72	2.00	4550.86	9101.72	0.00	0.00	0.00%	
20	600 mm x 450 mm rectangular	No.	4.00	4398.01	17592.04	4.00	4398.01	17592.04	0.00	0.00	0.00%	
21	Boundary Pillar/Guard 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	760.93	6087.44	8.00	760.93	6087.44	0.00	0.00	0.00%	
22	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	height per	264.00	0.63	166.32	264.00	0.63	166.32	0.00	0.00	0.00%	
23	<u>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</u>	Each	136.00	1062.66	144521.76	136.00	1062.66	144521.76	0.00	0.00	0.00%	
24	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 masonry, as per design complete	Each	136.00	1996.52	271526.72	136.00	1996.52	271526.72	0.00	0.00	0.00%	

Approved

 Superintending Engineer
 Rural Works Department
 Works Circle, Motihari

2A-5-23
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25	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.								0.00	0.00	0.00%	
26	At Edge for BT Portion	Sqm	270.00	823.80	222426.00	270.00	823.80	222426.00	0.00	0.00	0.00%	
27	At Edge for CC Portion	Sqm	30.00	926.43	27792.90	30.00	926.43	27792.90	0.00	0.00	0.00%	
28	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 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	No.	5.00	11049.43	55247.15	5.00	11049.43	55247.15	0.00	0.00	0.00%	
29	Providing and laying of a reinforced cement 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	22.50	991.52	22309.20	22.50	991.52	22309.20	0.00	0.00	0.00%	
30	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	2.88	6981.22	20105.91	2.88	6981.22	20105.91	0.00	0.00	0.00%	
31	Plastering with cement mortar (1:4) on brick work in sub-structure as per Technical Specifications	Sqm	20.16	226.47	4565.64	20.16	226.47	4565.64	0.00	0.00	0.00%	
32	Plastering with cement mortar (1:4) on brick work in sub-structure as per Technical Specifications	Sqm	40.32	226.47	9131.27	40.32	226.47	9131.27	0.00	0.00	0.00%	
33	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	116.86	7067.69	60.48	116.86	7067.69	0.00	0.00	0.00%	
34	Total Construction cost Excluding all Taxes				5737549.07			5737549.07	0.00	0.00	0.00%	
35	Labour cess @1 %				57375.49			57375.49	0.00	0.00	0.00%	
36	GST @12 %/18%				688505.89			1032758.83	0.00	344252.94	50.00%	
37	Add Seigniorage Fee @ 10%				45848.12			45848.12	0.00	0.00	0.00%	
38	TOTAL CONSTRUCTION COST INCLUDING ALL TAXES				6529278.57			6873531.51	0.00	344252.94	5.27%	
39	less 0.02% Below as per Agreement (-)				1305.86			1374.71	0.00	0.00	0.00%	
40	Total Construction				6527972.71			6872156.80	0.00	344184.09	5.27%	

Approved

Superintending Engineer
Rural Works Department
Works Circle, Motihari

24.5.23
CC

Schedule - 2 :-									0.00	0.00	0.00%	
42	Five Year Ordinary Maintenance in Phulwaria Chowk To Mahua Bandh Uttarwari Tola	Quarterly	20.00	90405.14	1808102.80	20.00	90405.14	1808102.80	0.00	0.00	0.00%	
43	Labour cess @1 %				18081.03			18081.03	0.00	0.00	0.00%	
44	GST @12 %/18%				216972.34			325458.50	0.00	108486.16	50.00%	
45	Add Seigniorage Fee @ 10%				5389.63			5389.63	0.00	0.00	0.00%	
46	TOTAL Maintenance COST INCLUDING ALL TAXES				2048545.80			2157031.96	0.00	108486.16	5.30%	
47	less 0.02% Below as per Agreement (-)				409.71			431.41	0.00	0.00	0.00%	
48	Total Maintenance				2048136.09			2156600.55	0.00	108464.46	5.30%	
49	COST OF PROJECT IN RS. (A+B)				8576108.80			9028757.35	0.00	452648.55	5.28%	

Superintending Engineer
Rural Works Department
Works Circle, Motihari

[Signature]
24/05/23
7E

[Signature]
24/5/23
AE

[Signature]
24.5.23
TE

A-A vide letter no 2090 dt 06/05/2022
const - 59.938 lac
Maint - 19.733 lac