

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

पत्रांक - 367 / सिकहरना, ढाका, दिनांक- 8-6-23

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,

उपर्युक्त विषयक अधीक्षण अभियंता, ग्रामीण कार्य विभाग, कार्य अंचल-मोतिहारी का ज्ञापांक-520 दिनांक-31.05.2023 के द्वारा MR-3054 (New Maintenance policy-2018) योजना अन्तर्गत 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 का पथ निर्माण कार्य आपको आवंटित हुआ था, जिसका एकरारनामा आपके द्वारा दिनांक-28.07.2022 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 आवश्यक संशोधन कर उक्त कार्य को दिनांक- 8-6-23 से प्रारंभ का निर्धारित अवधि दिनांक- 8-6-23 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।

25/11/23

8/6/23
Executive Engineer
R. W. D. (Works)
Division Dhaka
8/6/23

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

पत्रांक 520 (अनु०) मोतिहारी, दिनांक 24/05/2023

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 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 जी०एस०टी० 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

(Signature)
24-05-2023

अधीक्षण अभियंता
ग्रामीण कार्य विभाग,
कार्य अंचल, मोतिहारी

(Signature)
24-05-23

(Signature)
Executive Engineer
R. W. D. (Works)
Division Dhaka
24/05/23

Revised Abstract of BOQ for Package No.-MR-N/2019-20/Dhaka/19
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	Tola Ramji dube to Bikrampur path	Dhaka	4.158	9052447.00	4216624.00	23269071.00	9530091.50	4440008.20	13970099.70
2	Jhauaram kundwa chainpur to sisahani via jatwalya	Dhaka	5.25	12848487.00	5368390.00	18216877.00	13525995.48	5652768.88	19178764.36
3	Dhaka Ghorasahan to Turkouliya path	Dhaka	2.333	8152750.00	2417320.00	10570070.00	8582589.44	2545376.59	11127966.03
4	Pachpakri gurhenwa path to Hirapur	Dhaka	2.626	6118649.00	2664925.00	8783574.00	6441262.54	2806091.42	9247353.96
Total :-				36172333.00	14667259.00	50839592.00	38079938.96	15444245.09	53524184.05

Executive Engineer
Rural Works Department
Works Division, Dhaka

Superintending Engineer
Rural Works Department
Works Circle, Motihari

Revised B.O.Q. (Due to increase in G.S.T. from 12% to 18%) is hereby approved for Rs. 53524184.05 (Rupees five Crore thirty five lakhs - Twenty four thousand one hundred Eighty four) only. Follow the instructions on per letter No.237 dt 30.01.2023 of BRRDA for further action.

Superintending Engineer
Rural Works Department
Works Circle, Motihari

2-11-23

COMPARATIVE STATEMENT OF REVISED BOQ

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

Name of Road- Jhawa Ram Kundawa Chainpur Road To Sishni Jatwaliya
Block- Dhaka

District- East Champaran

Length of Road :- 5.25 KM

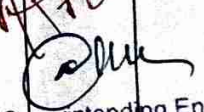
Sl.No.	Item Description	As Per Sanctioned Estimate / BOQ on 12 % GST			As Per Revised Estimate / BOQ on 18 % GST			Difference		% (+/-) Amount	Remarks
		Units	Quantity	Estimated Rate	Total Amount Without Taxes	Quantity	Estimated Rate	Total Amount Without Taxes	Quantity	Amount	
1	Jhawa Ram Kundawa Chainpur Road To Sishni Jatwaliya										
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.	1.05	49496.70	51971.54	1.05	49496.70	51971.54	0.00	0.00	0.00%
4	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 Masonry/Brick Masonary	Cum	8.64	228.72	1976.14	8.64	228.72	1976.14	0.00	0.00	0.00%
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	2895.00	176.75	511691.25	2895.00	176.75	511691.25	0.00	0.00	0.00%

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2-11-21

2-11-21

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	231.67	2228.53	516283.55	231.67	2228.53	516283.55	0.00	0.00	0.00%
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	148.22	4114.26	609815.62	148.22	4114.26	609815.62	0.00	0.00	0.00%
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	309.53	3707.30	1147520.57	309.53	3707.30	1147520.57	0.00	0.00	0.00%
9	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	4168.34	41.62	173486.31	4168.34	41.62	173486.31	0.00	0.00	0.00%

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 Superintending Engineer
 Rural Works Department
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22

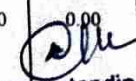
10	Patch work over WBM using Mix seal surface for bituminous and Existing CC Pavement-Providing, laying and rolling of close-graded premix surfacing material of 20 mm thickness composed of 11.2 mm to 0.9 mm (Type-A) or 13.2 mm to 0.9 mm (Type-B) aggregates using penetration grade bitumen to required 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	4490.28	205.58	923111.76	4490.28	205.58	923111.76	0.00	0.00	0.00%
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 treated with Primer and cleaned with hydriloc broom as per technical specification clause 503.	Sqm	24374.65	14.11	343926.31	24374.65	14.11	343926.31	0.00	0.00	0.00%
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	497.11	10363.89	5151993.36	497.11	10363.89	5151993.36	0.00	0.00	0.00%
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.	7.00	2433.14	17031.98	7.00	2433.14	17031.98	0.00	0.00	0.00%
15	iii) 200 m stone	No.	21.00	651.96	13691.16	21.00	651.96	13691.16	0.00	0.00	0.00%

Approved
[Signature]
 Superintending Engineer
 Rural Works Department
 Works Circle, Motihari

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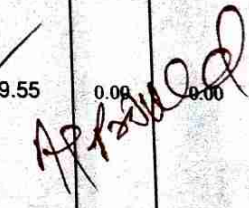
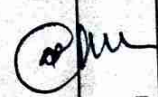
16	Direction and Place Identification signs with size more than 0.9 sqm size board- Retro-reflectorised Traffic Signs Providing and erecting direction and place identification retro-reflectorised sign as per IRC:67 made of encapsulated lens type reflective sheeting vide Clause 1701.2.3, fixed over aluminium 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	15.36	12442.11	191110.81	15.36	12442.11	191110.81	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.	42.00	3722.34	156338.28	42.00	3722.34	156338.28	0.00	0.00	0.00%
19	600 mm circular	No.	2.00	3821.69	7643.38	2.00	3821.69	7643.38	0.00	0.00	0.00%
20	600 mm x 450 mm rectangular	No.	12.00	3692.57	44310.84	12.00	3692.57	44310.84	0.00	0.00	0.00%
21	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	24.00	540.61	12974.64	24.00	540.61	12974.64	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	1144.00	0.50	572.00	1144.00	0.50	572.00	0.00	0.00	0.00%

APPROVED

 Superintending Engineer
 Rural Works Department
 Works Circle, Motihari


2-11-21

28/12/21

23	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	220.00	799.08	175797.60	220.00	799.08	175797.60	0.00	0.00	0.00%
24	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	1050.00	735.40	772170.00	1050.00	735.40	772170.00	0.00	0.00	0.00%
25	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	No.	5.00	9519.91	47599.55	5.00	9519.91	47599.55	0.00	0.00	0.00%
26	Earth work in excavation for foundation of structures upto 3.0 m depth as per drawing and technical specification clause 1104	Cum	31.32	285.17	8931.52	31.32	285.17	8931.52	0.00	0.00	0.00%



 Superintending Engineer
 Rural Works Department
 Works Circle, Motihari

25/11/23


 23/5/23


27	Providing M15 (PCC 1:2.5:5) as levelling course in foundation :- Providing PCC M 15 (1:2.5:5) concrete for plain concrete in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203	Cum	4.10	6173.48	25311.27	4.10	6173.48	25311.27	0.00	0.00	0.00%
28	Brick Masonary work in cm 1:4 in head wall complete as per drawing and technical specification clause 1109 in cement mortar 1:4	Cum	27.74	6356.61	176332.36	27.74	6356.61	176332.36	0.00	0.00	0.00%
29	Providing and laying RCC pipe NP-3 for culverts on first class bedding of PCC M10 material in single row including fixing collar with cement mortar 1:2 but excluding excavation, protection works, backfilling concrete and masonry works in head walls and parapets as per clause 1106 600mmdia	Rm	15.00	991.35	14870.25	15.00	991.35	14870.25	0.00	0.00	0.00%
30	Plastering with cement mortar (1:4) on brick work in sub-structure as per Technical Specifications	Sqm	76.96	198.37	15266.56	76.96	198.37	15266.56	0.00	0.00	0.00%
31	Painting on Parapet Wall (Black & White Strips) 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	24.96	95.63	2386.92	24.96	95.63	2386.92	0.00	0.00	0.00%
32	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	75.00	916.26	68719.50	75.00	916.26	68719.50	0.00	0.00	0.00%

Approved
[Signature]
 Superintending Engineer
 Rural Works Department
 Works Circle, Motihari

P. S. N. Singh

23/7/23
62

33	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	8.64	5719.69	49418.12	8.64	5719.69	49418.12	0.00	0.00	0.00%
34	Plastering with cement mortar (1:4) on brick work in sub-structure as per Technical Specifications	Sqm	60.48	198.37	11997.42	60.48	198.37	11997.42	0.00	0.00	0.00%
35	Plastering with cement mortar (1:4) on brick work in sub-structure as per Technical Specifications	Sqm	161.28	198.37	31993.11	161.28	198.37	31993.11	0.00	0.00	0.00%
36	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	221.76	95.63	21206.91	221.76	95.63	21206.91	0.00	0.00	0.00%
37	Total Construction cost Excluding all Taxes				11297450.59			11297450.59	0.00	0.00	0.00%
38	Labour cess @1 %				112974.51			112974.51	0.00	0.00	0.00%
39	GST @12 %/18%				1355694.07			2033541.11	0.00	677847.04	50.00%
40	Add Seigniorage Fee @ 10%				88795.65			88795.65	0.00	0.00	0.00%
41	TOTAL CONSTRUCTION COST INCLUDING ALL TAXES				12854914.82			13532761.86	0.00	677847.04	5.27%
42	less 0.05% Below as per Agreement (-)				6427.46			6766.38	0.00	338.92	5.27%
43	Total Construction				12848487.36			13525995.48	0.00	677508.12	5.27%
44	Schedule - 2 :-								0.00	0.00	0.00%
45	Five Year Ordinary Maintenance in Jhawa Ram Kundawa Chainpur Road To Sishni Jatwariya	Quarterly	20.00	237101.05	4742021.00	20.00	237101.05	4742021.00	0.00	0.00	0.00%
46	Labour cess @1 %				47420.21			47420.21	0.00	0.00	0.00%
47	GST @12 %/18%				569042.52			853563.78	0.00	284521.26	50.00%
48	Add Seigniorage Fee @ 10%				12591.69			12591.69	0.00	0.00	0.00%
49	TOTAL Maintenance COST INCLUDING ALL TAXES				5371075.42			5655596.68	0.00	284521.26	5.30%
50	less 0.05% Below as per Agreement (-)				2685.54			2827.80	0.00	142.26	0.00%
51	Total Maintenance				5368389.88			5652768.88	0.00	284379.00	5.30%
52	COST OF PROJECT IN RS. (A+B)				18216877.24			19178764.36	0.00	961887.12	5.28%

Approved

 Superintending Engineer,
 Rural Works Department
 Works Circle, Motihari

25/5/23

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