

Individual Report

Tender/Proposal Detail			
Tender/Proposal ID :	76148	Invitation Reference No. :	T-1/WDB/Kishore/4665 Date 23-11-2016
Closing Date and Time :	29-Dec-2016 13:30	Opening Date and Time :	29-Dec-2016 15:11
Procuring Entity :	Kishoreganj WD Division		
Brief :	<p>The construction of (A) Sub mergible embankment in between km.0.000 to km.56.949 = 3.879 km. & (B) Re-excavation of Drainage khal of Boro Haor (i) Hajir Khali Khal from km 0.08 to km 1.810=1.730 km (ii) Karpasha khal form km. 0.093 to km 1.615=1.522 km. (iii) Dampara khal from km 0.200 to km 3.600=3.400 km (iv) Baniajang khal from km 0.206 to km 7.060=6.854 km (v) Suti Khal from km 0.00 to km 6.100= 6.100 km.(vi) Digha Nadi from km.2.400 to km.8.100=5.700km. & (vii) Old Singua River from km.7.300 to km.18.160 =10.860 km.= Total length = 36.166 km of Boro Haor Sub -Project in C/W Haor flood Management and Livelihood Improvement project Under Kishoreganj W.D Division,BWDB,Kishoreganj During the Financial year 2016-17& 2017-18 . Package No. BWDB/Kish/HFMLIP/PW-07.</p>		

Package No	Package Description
BWDB/Kish/HFMLIP/PW-07.	<p>The construction of (A) Sub mergible embankment in between km.0.000 to km.56.949 = 3.879 km. & (B) Re-excavation of Drainage khal of Boro Haor (i) Hajir Khali Khal from km 0.08 to km 1.810=1.730 km (ii) Karpasha khal form km. 0.093 to km 1.615=1.522 km. (iii) Dampara khal from km 0.200 to km 3.600=3.400 km (iv) Baniajang khal from km 0.206 to km 7.060=6.854 km (v) Suti Khal from km 0.00 to km 6.100= 6.100 km.(vi) Digha Nadi from km.2.400 to km.8.100=5.700km. & (vii) Old Singua River from km.7.300 to km.18.160 =10.860 km.= Total length = 36.166 km of Boro Haor Sub -Project in C/W Haor flood Management and Livelihood Improvement project Under Kishoreganj W.D Division,BWDB,Kishoreganj During the Financial year 2016-17& 2017-18 . Package No. BWDB/Kish/HFMLIP/PW-07.</p>

azadreaz2015jv
(JVCA)

Bill of Quantities 02

Bill of Quantities									
Item no.	Group	Item Code (if any)	Description of Item	Measurement Unit	Quantity	Unit Price In figures (BDT)	Unit Price In Words (BDT)	Total Price In Figures (BDT)	Total Price In Words (BDT)
09(Submergible block road)	56-100	56-100	"Earth work in box cutting up to 1.00 m depth, in all kinds of soil with all leads, removing the spoils to a safe distance, including levelling and dressing, maintaining required cambering etc. complete, as per direction of Engineer in charge."	Cum	523.800	109.371	One Hundred and Nine point Three Seven One	57288.530	Fifty-Seven Thousand Two Hundred and Eighty-Eight point Five Three
10	56-110	56-110	Construction of improved road sub-grade of sand (FM>=0.8) in maximum 150mm thick layer including dressing, levelling, ramming, watering, cambering and compacting to attain minimum CBR-8% by .drawing and direction of Engineer in charge (payment shall be made on compacted volume).	Cum	174.600	788.849	Seven Hundred and Eighty-Eight point Eight Four Nine	137733.035	One Lakh Thirty-Seven Thousand Seven Hundred and Thirty-Three point Zero Three Five
			Preparation of Bed by Cutting and filling including watering to bring moisture						Eleven Thousand

11	Approved Analysis rate	Approved Analysis rate	+ - 2% of OMC & compacting by appropriate mechanical means etc to attain minimum compaction 98% of MDD (standard) to obtain a minimum soaked CBR 4% etc all complete as per direction of the E-I-C.	sqm	1164.000	9.581	Nine point Five Eight One	11152.284	Thousand One Hundred and Fifty- Two point Two Eight Four
12	Approved Analysis rate	Approved Analysis rate	"Manufacturing and supplying C.C. blocks in leanest mix. 1:2:4. with cement, sand (FM>=1.5) and Stone Chips (40mm down graded) to attain a 28 days cylinder strength of 15 N/mm ² including grading, washing stone chips, mixing, laying in forms, consolidation, curing for at least 21 days, including preparation of platform, shuttering and stacking in measurable stacks etc. complete including supply of all materials (steel shutter to be used) as per direction of Engineer in charge. Block size 30cmx30cmx30cm"	each	11640.000	309.389	Three Hundred and Nine point Three Eight Nine	3601287.960	Thirty-Six Lakh One Thousand Two Hundred and Eighty- Seven point Nine Six
13	Approved Analysis rate	Approved Analysis rate	"Manufacturing and supplying C.C. blocks in leanest mix. 1:2:4 with cement, sand (FM>=1.5) and Stone Chips (40mm down graded) to attain a 28 days cylinder strength of 15 N/mm ² including grading, washing stone chips, mixing, laying in forms, consolidation, curing for at least 21 days, including preparation of platform, shuttering and stacking in measurable stacks etc. complete including supply of all materials (steel shutter to be used) as per direction of Engineer in charge. Block size 1000mmx650mmx(100mm to 150mm)	Each	776.000	921.237	Nine Hundred and Twenty- One point Two Three Seven	714879.912	Seven Lakh Fourteen Thousand Eight Hundred and Seventy- Nine point Nine One Two
14	24-310	24-310- 10	Flush pointing to brick works, in sand cement mortar (sand of FM>=1.3), including scaffolding, curing, raking out joints, clearing the surface etc. complete in all floors including the cost of all materials and as per direction of Engineer in charge. 24-310-10: proportion 1:2	Sqm	1164.000	124.616	One Hundred and Twenty- Four point Six One Six	145053.024	One Lakh Forty- Five Thousand AND Fifty- Three point Zero Two Four
			Labour charge for protective works in laying				One Thousand Six		Six Lakh Twenty- Seven

15	40-220	40-220-20	CC blocks of different sizes including preparation of base, watering and ramming of base etc. complete as per direction of Engineer in charge . 40-220-10: Within 200 m.	Cum	377.330	1663.071	Hundred and Sixty-Three point Zero Seven One	627526.580	Thousand Five Hundred and Twenty-Six point Five Eight
16	36-150	36-150-10	"Formwork for centering and water tight shuttering as per drawing with 14 BWG M.S. sheet, fitted and fixed with 40mmx40mmx6mm M.S. angle frame and 25mmx6mm F.I. bar stiffener, with necessary fabrication, welding, making the forms including fitting, fixing of steel forms with necessary ties, battens, struts, nuts & bolts, props etc. as per desired shape and size including levelling and removing the forms after specified period including the cost of all materials as per direction of Engineer in charge. 36-150-10: Vertical and inclined walls, columns, piers with 60-80mm dia barrack bamboo props. "	sqm	70.570	724.135	Seven Hundred and Twenty-Four point One Three Five	51102.207	Fifty-One Thousand One Hundred and Two point Two Zero Seven
17	76-120	76-120-10	M.S. Work for reinforcement with deformed M.S. bar, $f_y=414 \text{ N/mm}^2$, (made from billet) in RCC works, including local handling, cutting, forging, bending, cleaning and fabrication with supply of deformed M.S. bar in different sizes and binding with 22 to 18 gages G.I. wire etc. complete including the cost of all materials as per direction of Engineer in charge. 76-120-10: 8mm dia to 30mm dia	kg	323.640	59.053	Fifty-Nine point Zero Five Three	19111.913	Nineteen Thousand One Hundred and Eleven point Nine One Three
18	76-115	76-115-10	M.S Work for reinforcement with Standard deformed bar $f_y=276 \text{ N/mm}^2$ in RCC works including local handling, cutting, forging, bending, cleaning and fabrication with supply of deformed M.S. bar in different sizes and bending with 22 to 18 gages G.I. wire etc. complete including the cost of all materials as per direction of Engineer in charge. 76-115-10: 6mm dia .	kg	70.230	66.224	Sixty-Six point Two Two Four	4650.912	Four Thousand Six Hundred and Fifty point Nine One Two
			Reinforced cement concrete work in leanest mix. 1:1.5:3, with 20mm down graded coarse aggregates and sand of $FM>2.0$ to $FM\leq 2.5$, to						

19	28-200	28-200-10	attain a minimum 28 day cylinder strength of 22.0 N/mm ² , including breaking, screening, grading, washing aggregates with clean water, mixing, laying in forms, consolidation to levels, curing, including supply of all materials, excluding cost of M.S. work for reinforcements and formworks etc. complete and as per direction of Engineer in charge. 28-200-10: with stone chips .	cum	70.640	10904.478	Ten Thousand Nine Hundred and Four point Four Seven Eight	770292.326	Seven Lakh Seventy Thousand Two Hundred and Ninety-Two point Three Two Six
20	04-110	04-110	Fixing in position, boundary pillars/bench mark pillars/K.M. post etc. of size 110cm height, bottom dia 25cm and top dia 20cm, embedded 45cm below G.L. including carriage, earth cutting, filling, ramming, etc. complete as per direction of Engineer in charge	each	58.000	36.979	Thirty-Six point Nine Seven Nine	2144.782	Two Thousand One Hundred and Forty-Four point Seven Eight Two
							Grand Total:	6142223.465	Sixty-One Lakh Forty-Two Thousand Two Hundred and Twenty-Three point Four Six Five

This Bill of Quantities 02 is Electronically Signed by Mr. md on behalf of azadreaz2015jv

Liton Traders									
Bill of Quantities 02									
Bill of Quantities									
Item no.	Group	Item Code (if any)	Description of Item	Measurement Unit	Quantity	Unit Price In figures (BDT)	Unit Price In Words (BDT)	Total Price In Figures (BDT)	Total Price In Words (BDT)
09(Submergible block road)	56-100	56-100	"Earth work in box cutting up to 1.00 m depth, in all kinds of soil with all leads, removing the spoils to a safe distance, including levelling and dressing, maintaining required cambering etc. complete, as per direction of Engineer in charge."	Cum	523.800	96.831	Ninety-Six point Eight Three One	50720.078	Fifty Thousand Seven Hundred and Twenty point Zero Seven Eight
10	56-110	56-110	Construction of improved road sub-grade of sand (FM>=0.8) in maximum 150mm thick layer including dressing, levelling, ramming, watering, cambering and compacting to attain minimum CBR-8%	Cum	174.600	685.783	Six Hundred and Eighty-Five point Seven Eight	119737.712	One Lakh Nineteen Thousand Seven Hundred and Thirty-Six

			by..drawing and direction of Engineer in charge (payment shall be made on compacted volume).				Eight Three		Seven point Seven One Two
11	Approved Analysis rate	Approved Analysis rate	Preparation of Bed by Cutting and filling including watering to bring moisture +- 2% of OMC & compacting by appropriate mechanical means etc to attain minimum compaction 98% oc MDD (standard) to obtain a minimum soaked CBR 4% etc all complete as per direction of the E-I-C.	sqm	1164.000	8.904	Eight point Nine Zero Four	10364.256	Ten Thousand Three Hundred and Sixty-Four point Two Five Six
12	Approved Analysis rate	Approved Analysis rate	"Manufacturing and supplying C.C. blocks in leanest mix. 1:2:4. withcement, sand (FM>=1.5) and Stone Chips (40mm down graded) to attain a28 days cylinder strength of 15 N/mm² including grading, washing stonechips, mixing, laying in forms, consolidation, curing for at least 21 days, including preparation of platform, shuttering and stacking in measurablestacks etc. complete including supply of all materials (steel shutter to be used) as per direction of Engineer in charge. Block size 30cmx30cmx30cm"	each	11640.000	280.588	Two Hundred and Eighty point Five Eight Eight	3266044.320	Thirty-Two Lakh Sixty-Six Thousand AND Forty-Four point Three Two
13	Approved Analysis rate	Approved Analysis rate	"Manufacturing and supplying C.C. blocks in leanest mix. 1:2:4 withcement, sand (FM>=1.5) and Stone Chips (40mm down graded) to attain a28 days cylinder strength of 15 N/mm² including grading, washing stonechips, mixing, laying in forms, consolidation, curing for at least 21 days, including preparation of platform, shuttering and stacking in measurablestacks etc. complete including supply of all materials (steel shutter to be used) as per direction of Engineer in charge. Block size 1000mmx650mmx(100mm to150mm)	Each	776.000	839.013	Eight Hundred and Thirty-Nine point Zero One Three	651074.088	Six Lakh Fifty-One Thousand AND Seventy-Four point Zero Eight Eight
14	24-310	24-310-10	Flush pointing to brick works, in sand cement mortar (sand of FM>=1.3), including scaffolding, curing, raking out joints, clearing the surface etc. complete in all floors including the cost	Sqm	1164.000	109.685	One Hundred and Nine point Six Eight	127673.340	One Lakh Twenty-Seven Thousand Six Hundred and Seventy

			of all materials and as per direction of Engineer in charge. 24-310-10: proportion 1:2				Five		Seventy-Three point Three Four
15	40-220	40-220-20	Labour charge for protective works in laying CC blocks of different sizes including preparation of base, watering and ramming of base etc. complete as per direction of Engineer in charge . 40-220-10: Within 200 m.	Cum	377.330	1443.861	One Thousand Four Hundred and Forty-Three point Eight Six One	544812.071	Five Lakh Forty-Four Thousand Eight Hundred and Twelve point Zero Seven One
16	36-150	36-150-10	"Formwork for centering and water tight shuttering as per drawing with 14 BWG M.S. sheet, fitted and fixed with 40mmx40mmx6mm M.S. angle frame and 25mmx6mm F.I. bar stiffener, with necessary fabrication, welding, making the forms including fitting, fixing of steel forms with necessary ties, battens, struts, nuts & bolts, props etc. as per desired shape and size including levelling and removing the forms after specified period including the cost of all materials as per direction of Engineer in charge. 36-150-10: Vertical and inclined walls, columns, piers with 60-80mm dia barrack bamboo props. "	sqm	70.570	663.789	Six Hundred and Sixty-Three point Seven Eight Nine	46843.590	Forty-Six Thousand Eight Hundred and Forty-Three point Five Nine
17	76-120	76-120-10	M.S. Work for reinforcement with deformed M.S. bar, $f_y=414 \text{ N/mm}^2$, (made from billet) in RCC works, including local handling, cutting, forging, bending, cleaning and fabrication with supply of deformed M.S. bar in different sizes and binding with 22 to 18 gages G.I. wire etc. complete including the cost of all materials as per direction of Engineer in charge. 76-120-10: 8mm dia to 30mm dia	kg	323.640	58.819	Fifty-Eight point Eight One Nine	19036.181	Nineteen Thousand AND Thirty-Six point One Eight One
18	76-115	76-115-10	M.S Work for reinforcement with Standard deformed bar $f_y=276 \text{ N/mm}^2$ in RCC works including local handling, cutting, forging, bending, cleaning and fabrication with supply of deformed M.S. bar in different sizes and bending with 22 to 18 gages G.I. wire etc. complete including the cost of all materials as per direction of Engineer	kg	70.230	65.811	Sixty-Five point Eight One One	4621.907	Four Thousand Six Hundred and Twenty-One point Nine Zero Seven

			in charge. 76-115-10: 6mm dia .						
19	28-200	28-200-10	Reinforced cement concrete work in leanest mix. 1:1.5:3, with 20mm down graded coarse aggregates and sand of FM>2.0 to FM<=2.5, to attain a minimum 28 day cylinder strength of 22.0 N/mm², including breaking, screening, grading, washing aggregates with clean water, mixing, laying in forms, consolidation to levels, curing, including supply of all materials, excluding cost of M.S. work for reinforcements and formworks etc. complete and as per direction of Engineer in charge. 28-200-10: with stone chips .	cum	70.640	10362.865	Ten Thousand Three Hundred and Sixty-Two point Eight Six Five	732032.784	Seven Lakh Thirty-Two Thousand AND Thirty-Two point Seven Eight Four
20	04-110	04-110	Fixing in position, boundary pillars/bench mark pillars/K.M. post etc. of size 110cm height, bottom dia 25cm and top dia 20cm, embedded 45cm below G.L. including carriage, earth cutting, filling, ramming, etc. complete as per direction of Engineer in charge	each	58.000	32.418	Thirty-Two point Four One Eight	1880.244	One Thousand Eight Hundred and Eighty point Two Four Four
							Grand Total:	5574840.571	Fifty-Five Lakh Seventy-Four Thousand Eight Hundred and Forty point Five Seven One

This Bill of Quantities 02 is Electronically Signed by Mr. mizanur Rahman on behalf of Liton Traders

M/S ISMAIL HOSSAIN									
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Item no.	Group	Item Code (if any)	Description of Item	Measurement Unit	Quantity	Unit Price In figures (BDT)	Unit Price In Words (BDT)	Total Price In Figures (BDT)	Total Price In Words (BDT)
09(Submergible block road)	56-100	56-100	"Earth work in box cutting up to 1.00 m depth, in all kinds of soil with all leads, removing the spoils to a safe distance, including levelling and dressing, maintaining required cambering etc. complete, as per direction of Engineer in charge."	Cum	523.800	110.905	One Hundred and Ten point Nine Zero Five	58092.039	Fifty-Eight Thousand AND Ninety-Two point Zero Three Nine
			Construction of improved road sub-grade of sand (FM>=0.8) in maximum						One Lakh

10	56-110	56-110	150mm thick layer including dressing, levelling, ramming, watering, cambering and compacting to attain minimum CBR-8% by..drawing and direction of Engineer in charge (payment shall be made on compacted volume).	Cum	174.600	790.554	Seven Hundred and Ninety point Five Five Four	138030.728	Thirty-Eight Thousand AND Thirty point Seven Two Eight
11	Approved Analysis rate	Approved Analysis rate	Preparation of Bed by Cutting and filling including watering to bring moisture +- 2% of OMC & compacting by appropriate mechanical means etc to attain minimum compaction 98% oc MDD (standard) to obtain a minimum soaked CBR 4% etc all complete as per direction of the E-I-C.	sqm	1164.000	9.619	Nine point Six One Nine	11196.516	Eleven Thousand One Hundred and Ninety-Six point Five One Six
12	Approved Analysis rate	Approved Analysis rate	"Manufacturing and supplying C.C. blocks in leanest mix. 1:2:4. withcement, sand (FM>=1.5) and Stone Chips (40mm down graded) to attain a28 days cylinder strength of 15 N/mm² including grading, washing stonechips, mixing, laying in forms, consolidation, curing for at least 21 days, including preparation of platform, shuttering and stacking in measurablestacks etc. complete including supply of all materials (steel shutter to be used) as per direction of Engineer in charge. Block size 30cmx30cmx30cm"	each	11640.000	309.765	Three Hundred and Nine point Seven Six Five	3605664.600	Thirty-Six Lakh Five Thousand Six Hundred and Sixty-Four point Six
13	Approved Analysis rate	Approved Analysis rate	"Manufacturing and supplying C.C. blocks in leanest mix. 1:2:4 withcement, sand (FM>=1.5) and Stone Chips (40mm down graded) to attain a28 days cylinder strength of 15 N/mm² including grading, washing stonechips, mixing, laying in forms, consolidation, curing for at least 21 days, including preparation of platform, shuttering and stacking in measurablestacks etc. complete including supply of all materials (steel shutter to be used) as per direction of Engineer in charge. Block size 1000mmx650mmx(100mm to150mm)	Each	776.000	922.293	Nine Hundred and Twenty-Two point Two Nine Three	715699.368	Seven Lakh Fifteen Thousand Six Hundred and Ninety-Nine point Three Six Eight
			Flush pointing to brick						One Lakh

14	24-310	24-310-10	works, in sand cement mortar (sand of FM>=1.3), including scaffolding, curing, raking out joints, clearing the surface etc. complete in all floors including the cost of all materials and as per direction of Engineer in charge. 24-310-10: proportion 1:2	Sqm	1164.000	125.411	One Hundred and Twenty-Five point Four One One	145978.404	Forty-Five Thousand Nine Hundred and Seventy-Eight point Four Zero Four
15	40-220	40-220-20	Labour charge for protective works in laying CC blocks of different sizes including preparation of base, watering and ramming of base etc. complete as per direction of Engineer in charge . 40-220-10: Within 200 m.	Cum	377.330	1684.572	One Thousand Six Hundred and Eighty-Four point Five Seven Two	635639.553	Six Lakh Thirty-Five Thousand Six Hundred and Thirty-Nine point Five Five Three
16	36-150	36-150-10	"Formwork for centering and water tight shuttering as per drawing with 14 BWG M.S. sheet, fitted and fixed with 40mmx40mmx6mm M.S. angle frame and 25mmx6mm F.I. bar stiffener, with necessary fabrication, welding, making the forms including fitting, fixing of steel forms with necessary ties, battens, struts, nuts & bolts, props etc. as per desired shape and size including levelling and removing the forms after specified period including the cost of all materials as per direction of Engineer in charge. 36-150-10: Vertical and inclined walls, columns, piers with 60-80mm dia barrack bamboo props. "	sqm	70.570	725.421	Seven Hundred and Twenty-Five point Four Two One	51192.960	Fifty-One Thousand One Hundred and Ninety-Two point Nine Six
17	76-120	76-120-10	M.S. Work for reinforcement with deformed M.S. bar, fy=414 N/mm², (made from billet) in RCC works, including local handling, cutting, forging, bending, cleaning and fabrication with supply of deformed M.S. bar in different sizes and binding with 22 to 18 gages G.I. wire etc. complete including the cost of all materials as per direction of Engineer in charge. 76-120-10: 8mm dia to 30mm dia	kg	323.640	66.276	Sixty-Six point Two Seven Six	21449.565	Twenty-One Thousand Four Hundred and Forty-Nine point Five Six Five
			M.S Work for reinforcement with Standard deformed bar fy=276 N/mm² in RCC works including local handling, cutting, forging, bending, cleaning				Sixty		Four Thousand Eight

18	76-115	76-115-10	and fabrication with supply of deformed M.S. bar in different sizes and bending with 22 to 18 gages G.I. wire etc. complete including the cost of all materials as per direction of Engineer in charge. 76-115-10: 6mm dia .	kg	70.230	68.666	Sixty-Eight point Six Six Six	4822.413	Hundred and Twenty-Two point Four One Three
19	28-200	28-200-10	Reinforced cement concrete work in leanest mix. 1:1.5:3, with 20mm down graded coarse aggregates and sand of FM>2.0 to FM<=2.5, to attain a minimum 28 day cylinder strength of 22.0 N/mm², including breaking, screening, grading, washing aggregates with clean water, mixing, laying in forms, consolidation to levels, curing, including supply of all materials, excluding cost of M.S. work for reinforcements and formworks etc. complete and as per direction of Engineer in charge. 28-200-10: with stone chips .	cum	70.640	10918.117	Ten Thousand Nine Hundred and Eighteen point One One Seven	771255.785	Seven Lakh Seventy-One Thousand Two Hundred and Fifty-Five point Seven Eight Five
20	04-110	04-110	Fixing in position, boundary pillars/bench mark pillars/K.M. post etc. of size 110cm height, bottom dia 25cm and top dia 20cm, embedded 45cm below G.L. including carriage, earth cutting, filling, ramming, etc. complete as per direction of Engineer in charge	each	58.000	37.221	Thirty-Seven point Two Two One	2158.818	Two Thousand One Hundred and Fifty-Eight point Eight One Eight
							Grand Total:	6161180.749	Sixty-One Lakh Sixty-One Thousand One Hundred and Eighty point Seven Four Nine

This Bill of Quantities 02 is Electronically Signed by Mr. MD Rony on behalf of M/S ISMAIL HOSSAIN

M/S. Amin & Co.									
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Item no.	Group	Item Code (if any)	Description of Item	Measurement Unit	Quantity	Unit Price In figures (BDT)	Unit Price In Words (BDT)	Total Price In Figures (BDT)	Total Price In Words (BDT)
			"Earth work in box cutting up to 1.00 m depth, in all kinds of soil with all leads,				One		Fifty-

09(Submergible block road)	56-100	56-100	removing the spoils to a safe distance, including levelling and dressing, maintaining required cambering etc. complete, as per direction of Engineer in charge."	Cum	523.800	108.841	Hundred and Eight point Eight Four One	57010.916	Seven Thousand AND Ten point Nine One Six
10	56-110	56-110	Construction of improved road sub-grade of sand (FM>=0.8) in maximum 150mm thick layer including dressing, levelling, ramming, watering, cambering and compacting to attain minimum CBR-8% by..drawing and direction of Engineer in charge (payment shall be made on compacted volume).	Cum	174.600	581.266	Five Hundred and Eighty-One point Two Six Six	101489.044	One Lakh One Thousand Four Hundred and Eighty-Nine point Zero Four Four
11	Approved Analysis rate	Approved Analysis rate	Preparation of Bed by Cutting and filling including watering to bring moisture +- 2% of OMC & compacting by appropriate mechanical means etc to attain minimum compaction 98% oc MDD (standard) to obtain a minimum soaked CBR 4% etc all complete as per direction of the E-I-C.	sqm	1164.000	10.649	Ten point Six Four Nine	12395.436	Twelve Thousand Three Hundred and Ninety-Five point Four Three Six
12	Approved Analysis rate	Approved Analysis rate	"Manufacturing and supplying C.C. blocks in leanest mix. 1:2:4. withcement, sand (FM>=1.5) and Stone Chips (40mm down graded) to attain a28 days cylinder strength of 15 N/mm² including grading, washing stonechips, mixing, laying in forms, consolidation, curing for at least 21 days, including preparation of platform, shuttering and stacking in measurablestacks etc. complete including supply of all materials (steel shutter to be used) as per direction of Engineer in charge. Block size 30cmx30cmx30cm"	each	11640.000	244.221	Two Hundred and Forty-Four point Two Two One	2842732.440	Twenty-Eight Lakh Forty-Two Thousand Seven Hundred and Thirty-Two point Four Four
13	Approved Analysis rate	Approved Analysis rate	"Manufacturing and supplying C.C. blocks in leanest mix. 1:2:4 withcement, sand (FM>=1.5) and Stone Chips (40mm down graded) to attain a28 days cylinder strength of 15 N/mm² including grading, washing stonechips, mixing, laying in forms, consolidation, curing for at least 21 days, including preparation of platform, shuttering and stacking in measurablestacks etc. complete including supply	Each	776.000	734.503	Seven Hundred and Thirty-Four point Five Zero Three	569974.328	Five Lakh Sixty-Nine Thousand Nine Hundred and Seventy-Four point Three Two

			of all materials (steel shutter to be used) as per direction of Engineer in charge. Block size 1000mmx650mmx(100mm to150mm)						Two Eight
14	24-310	24-310-10	Flush pointing to brick works, in sand cement mortar (sand of FM>=1.3), including scaffolding, curing, raking out joints, clearing the surface etc. complete in all floors including the cost of all materials and as per direction of Engineer in charge. 24-310-10: proportion 1:2	Sqm	1164.000	145.395	One Hundred and Forty-Five point Three Nine Five	169239.780	One Lakh Sixty-Nine Thousand Two Hundred and Thirty-Nine point Seven Eight
15	40-220	40-220-20	Labour charge for protective works in laying CC blocks of different sizes including preparation of base, watering and ramming of base etc. complete as per direction of Engineer in charge . 40-220-10: Within 200 m.	Cum	377.330	1578.211	One Thousand Five Hundred and Seventy-Eight point Two One One	595506.357	Five Lakh Ninety-Five Thousand Five Hundred and Six point Three Five Seven
16	36-150	36-150-10	"Formwork for centering and water tight shuttering as per drawing with 14 BWG M.S. sheet, fitted and fixed with 40mmx40mmx6mm M.S. angle frame and 25mmx6mm F.I. bar stiffener, with necessary fabrication, welding, making the forms including fitting, fixing of steel forms with necessary ties, battens, struts, nuts & bolts, props etc. as per desired shape and size including levelling and removing the forms after specified period including the cost of all materials as per direction of Engineer in charge. 36-150-10: Vertical and inclined walls, columns, piers with 60-80mm dia barrack bamboo props."	sqm	70.570	857.842	Eight Hundred and Fifty-Seven point Eight Four Two	60537.910	Sixty Thousand Five Hundred and Thirty-Seven point Nine One
17	76-120	76-120-10	M.S. Work for reinforcement with deformed M.S. bar, fy=414 N/mm², (made from billet) in RCC works, including local handling, cutting, forging, bending, cleaning and fabrication with supply of deformed M.S. bar in different sizes and binding with 22 to 18 gages G.I. wire etc. complete including the cost of all materials as per direction of Engineer in charge. 76-120-10:	kg	323.640	76.359	Seventy-Six point Three Five Nine	24712.827	Twenty-Four Thousand Seven Hundred and Twelve point Eight Two Seven

			8mm dia to 30mm dia						
18	76-115	76-115-10	M.S Work for reinforcement with Standard deformed bar $f_y=276 \text{ N/mm}^2$ in RCC works including local handling, cutting, forging, bending, cleaning and fabrication with supply of deformed M.S. bar in different sizes and bending with 22 to 18 gages G.I. wire etc. complete including the cost of all materials as per direction of Engineer in charge. 76-115-10: 6mm dia .	kg	70.230	71.579	Seventy-One point Five Seven Nine	5026.993	Five Thousand AND Twenty-Six point Nine Nine Three
19	28-200	28-200-10	Reinforced cement concrete work in leanest mix. 1:1.5:3, with 20mm down graded coarse aggregates and sand of $FM>2.0$ to $FM\leq 2.5$, to attain a minimum 28 day cylinder strength of 22.0 N/mm^2 , including breaking, screening, grading, washing aggregates with clean water, mixing, laying in forms, consolidation to levels, curing, including supply of all materials, excluding cost of M.S. work for reinforcements and formworks etc. complete and as per direction of Engineer in charge. 28-200-10: with stone chips .	cum	70.640	9234.098	Nine Thousand Two Hundred and Thirty-Four point Zero Nine Eight	652296.683	Six Lakh Fifty-Two Thousand Two Hundred and Ninety-Six point Six Eight Three
20	04-110	04-110	Fixing in position, boundary pillars/bench mark pillars/K.M. post etc. of size 110cm height, bottom dia 25cm and top dia 20cm, embedded 45cm below G.L. including carriage, earth cutting, filling, ramming, etc. complete as per direction of Engineer in charge	each	58.000	43.911	Forty-Three point Nine One One	2546.838	Two Thousand Five Hundred and Forty-Six point Eight Three Eight
							Grand Total:	5093469.552	Fifty Lakh Ninety-Three Thousand Four Hundred and Sixty-Nine point Five Five Two

S. No.	Mapped Document Name	File Name	File Size(In Kb)
1	-	Analysis-76148-BOQ-2.docx	110.06

This Bill of Quantities 02 is Electronically Signed by Mr. Ruhul Amin on behalf of M/S. Amin & Co.

M/S. Kamrul Enterprise
Bill of Quantities 02

Bill of Quantities

Item no.	Group	Item Code (if any)	Description of Item	Measurement Unit	Quantity	Unit Price	Unit Price	Total Price	Total Price
						In figures (BDT)	In Words (BDT)	In Figures (BDT)	In Words (BDT)
09(Submergible block road)	56-100	56-100	"Earth work in box cutting up to 1.00 m depth, in all kinds of soil with all leads, removing the spoils to a safe distance, including levelling and dressing, maintaining required cambering etc. complete, as per direction of Engineer in charge."	Cum	523.800	97.225	Ninety-Seven point Two Two Five	50926.455	Fifty Thousand Nine Hundred and Twenty-Six point Four Five Five
10	56-110	56-110	Construction of improved road sub-grade of sand (FM>=0.8) in maximum 150mm thick layer including dressing, levelling, ramming, watering, cambering and compacting to attain minimum CBR-8% by..drawing and direction of Engineer in charge (payment shall be made on compacted volume).	Cum	174.600	689.745	Six Hundred and Eighty-Nine point Seven Four Five	120429.477	One Lakh Twenty Thousand Four Hundred and Twenty-Nine point Four Seven Seven
11	Approved Analysis rate	Approved Analysis rate	Preparation of Bed by Cutting and filling including watering to bring moisture +- 2% of OMC & compacting by appropriate mechanical means etc to attain minimum compaction 98% oc MDD (standard) to obtain a minimum soaked CBR 4% etc all complete as per direction of the E-I-C.	sqm	1164.000	9.805	Nine point Eight Zero Five	11413.020	Eleven Thousand Four Hundred and Thirteen point Zero Two
12	Approved Analysis rate	Approved Analysis rate	"Manufacturing and supplying C.C. blocks in leanest mix. 1:2:4. withcement, sand (FM>=1.5) and Stone Chips (40mm down graded) to attain a28 days cylinder strength of 15 N/mm² including grading, washing stonechips, mixing, laying in forms, consolidation, curing for at least 21 days, including preparation of platform, shuttering and stacking in measurablestacks etc. complete including supply of all materials (steel shutter to be used) as per direction of Engineer in charge. Block size 30cmx30cmx30cm"	each	11640.000	293.215	Two Hundred and Ninety-Three point Two One Five	3413022.600	Thirty-Four Lakh Thirteen Thousand AND Twenty-Two point Six
			"Manufacturing and supplying C.C. blocks in leanest mix. 1:2:4 withcement, sand (FM>=1.5) and Stone Chips (40mm down graded) to attain a28 days cylinder strength of						

13	Approved Analysis rate	Approved Analysis rate	15 N/mm ² including grading, washing stonechips, mixing, laying in forms, consolidation, curing for at least 21 days, including preparation of platform, shuttering and stacking in measurable stacks etc. complete including supply of all materials (steel shutter to be used) as per direction of Engineer in charge. Block size 1000mmx650mmx(100mm to 150mm)	Each	776.000	874.366	Eight Hundred and Seventy-Four point Three Six Six	678508.016	Six Lakh Seventy-Eight Thousand Five Hundred and Eight point Zero One Six
14	24-310	24-310-10	Flush pointing to brick works, in sand cement mortar (sand of FM>=1.3), including scaffolding, curing, raking out joints, clearing the surface etc. complete in all floors including the cost of all materials and as per direction of Engineer in charge. 24-310-10: proportion 1:2	Sqm	1164.000	130.164	One Hundred and Thirty point One Six Four	151510.896	One Lakh Fifty-One Thousand Five Hundred and Ten point Eight Nine Six
15	40-220	40-220-20	Labour charge for protective works in laying CC blocks of different sizes including preparation of base, watering and ramming of base etc. complete as per direction of Engineer in charge . 40-220-10: Within 200 m.	Cum	377.330	1499.136	One Thousand Four Hundred and Ninety-Nine point One Three Six	565668.987	Five Lakh Sixty-Five Thousand Six Hundred and Sixty-Eight point Nine Eight Seven
16	36-150	36-150-10	"Formwork for centering and water tight shuttering as per drawing with 14 BWG M.S. sheet, fitted and fixed with 40mmx40mmx6mm M.S. angle frame and 25mmx6mm F.I. bar stiffener, with necessary fabrication, welding, making the forms including fitting, fixing of steel forms with necessary ties, battens, struts, nuts & bolts, props etc. as per desired shape and size including levelling and removing the forms after specified period including the cost of all materials as per direction of Engineer in charge. 36-150-10: Vertical and inclined walls, columns, piers with 60-80mm dia barrack bamboo props. "	sqm	70.570	826.763	Eight Hundred and Twenty-Six point Seven Six Three	58344.665	Fifty-Eight Thousand Three Hundred and Forty-Four point Six Six Five
			M.S. Work for reinforcement with deformed M.S. bar, fy=414 N/mm ² , (made from billet) in RCC works,						Twenty-

17	76-120	76-120-10	including local handling, cutting, forging, bending, cleaning and fabrication with supply of deformed M.S. bar in different sizes and binding with 22 to 18 gages G.I. wire etc. complete including the cost of all materials as per direction of Engineer in charge. 76-120-10: 8mm dia to 30mm dia	kg	323.640	83.686	Eighty-Three point Six Eight Six	27084.137	Seven Thousand AND Eighty-Four point One Three Seven
18	76-115	76-115-10	M.S Work for reinforcement with Standard deformed bar $f_y=276 \text{ N/mm}^2$ in RCC works including local handling, cutting, forging, bending, cleaning and fabrication with supply of deformed M.S. bar in different sizes and bending with 22 to 18 gages G.I. wire etc. complete including the cost of all materials as per direction of Engineer in charge. 76-115-10: 6mm dia .	kg	70.230	83.686	Eighty-Three point Six Eight Six	5877.268	Five Thousand Eight Hundred and Seventy-Seven point Two Six Eight
19	28-200	28-200-10	Reinforced cement concrete work in leanest mix. 1:1.5:3, with 20mm down graded coarse aggregates and sand of $FM>2.0$ to $FM\leq 2.5$, to attain a minimum 28 day cylinder strength of 22.0 N/mm^2 , including breaking, screening, grading, washing aggregates with clean water, mixing, laying in forms, consolidation to levels, curing, including supply of all materials, excluding cost of M.S. work for reinforcements and formworks etc. complete and as per direction of Engineer in charge. 28-200-10: with stone chips .	cum	70.640	11305.324	Eleven Thousand Three Hundred and Five point Three Two Four	798608.087	Seven Lakh Ninety-Eight Thousand Six Hundred and Eight point Zero Eight Seven
20	04-110	04-110	Fixing in position, boundary pillars/bench mark pillars/K.M. post etc. of size 110cm height, bottom dia 25cm and top dia 20cm, embedded 45cm below G.L. including carriage, earth cutting, filling, ramming, etc. complete as per direction of Engineer in charge	each	58.000	37.797	Thirty-Seven point Seven Nine Seven	2192.226	Two Thousand One Hundred and Ninety-Two point Two Two Six
							Grand Total:	5883585.834	Fifty-Eight Lakh Eighty-Three Thousand Five Hundred and Eighty-Five point

This Bill of Quantities 02 is Electronically Signed by Mr. MD. KAMRUL AHSAN on behalf of M/S. Kamrul Enterprise

Md. Shamim Ahsan

Bill of Quantities 02

Bill of Quantities

Item no.	Group	Item Code (if any)	Description of Item	Measurement Unit	Quantity	Unit Price In figures (BDT)	Unit Price In Words (BDT)	Total Price In Figures (BDT)	Total Price In Words (BDT)
09(Submergible block road)	56-100	56-100	"Earth work in box cutting up to 1.00 m depth, in all kinds of soil with all leads, removing the spoils to a safe distance, including levelling and dressing, maintaining required cambering etc. complete, as per direction of Engineer in charge."	Cum	523.800	109.224	One Hundred and Nine point Two Two Four	57211.531	Fifty-Seven Thousand Two Hundred and Eleven point Five Three One
10	56-110	56-110	Construction of improved road sub-grade of sand (FM \geq 0.8) in maximum 150mm thick layer including dressing, levelling, ramming, watering, cambering and compacting to attain minimum CBR-8% by .drawing and direction of Engineer in charge (payment shall be made on compacted volume).	Cum	174.600	706.787	Seven Hundred and Six point Seven Eight Seven	123405.010	One Lakh Twenty-Three Thousand Four Hundred and Five point Zero One
11	Approved Analysis rate	Approved Analysis rate	Preparation of Bed by Cutting and filling including watering to bring moisture \pm 2% of OMC & compacting by appropriate machanical means etc to attain minimum compaction 98% oc MDD (standard) to obtain a minimum soaked CBR 4% etc all complete as per direction of the E-I-C.	sqm	1164.000	10.609	Ten point Six Zero Nine	12348.876	Twelve Thousand Three Hundred and Forty-Eight point Eight Seven Six
12	Approved Analysis rate	Approved Analysis rate	"Manufacturing and supplying C.C. blocks in leanest mix. 1:2:4. withcement, sand (FM \geq 1.5) and Stone Chips (40mm down graded) to attain a28 days cylinder strength of 15 N/mm ² including grading, washing stonechips, mixing, laying in forms, consolidation, curing for at least 21 days, including preparation of platform, shuttering and stacking in measurablestacks etc. complete including supply of all materials (steel shutter to be used) as per direction of Engineer in charge.	each	11640.000	321.727	Three Hundred and Twenty-One point Seven Two Seven	3744902.280	Thirty-Seven Lakh Forty-Four Thousand Nine Hundred and Two point Two Eight

			Block size 30cmx30cmx30cm"						
13	Approved Analysis rate	Approved Analysis rate	<p>"Manufacturing and supplying C.C. blocks in leanest mix. 1:2:4 with cement, sand (FM>=1.5) and Stone Chips (40mm down graded) to attain a 28 days cylinder strength of 15 N/mm² including grading, washing stone chips, mixing, laying in forms, consolidation, curing for at least 21 days, including preparation of platform, shuttering and stacking in measurable stacks etc. complete including supply of all materials (steel shutter to be used) as per direction of Engineer in charge.</p> <p>Block size 1000mmx650mmx(100mm to 150mm)</p>	Each	776.000	957.382	Nine Hundred and Fifty-Seven point Three Eight Two	742928.432	Seven Lakh Forty-Two Thousand Nine Hundred and Twenty-Eight point Four Three Two
14	24-310	24-310-10	<p>Flush pointing to brick works, in sand cement mortar (sand of FM>=1.3), including scaffolding, curing, raking out joints, clearing the surface etc. complete in all floors including the cost of all materials and as per direction of Engineer in charge. 24-310-10: proportion 1:2</p>	Sqm	1164.000	147.608	One Hundred and Forty-Seven point Six Zero Eight	171815.712	One Lakh Seventy-One Thousand Eight Hundred and Fifteen point Seven One Two
15	40-220	40-220-20	<p>Labour charge for protective works in laying CC blocks of different sizes including preparation of base, watering and ramming of base etc. complete as per direction of Engineer in charge . 40-220-10: Within 200 m.</p>	Cum	377.330	1665.763	One Thousand Six Hundred and Sixty-Five point Seven Six Three	628542.353	Six Lakh Twenty-Eight Thousand Five Hundred and Forty-Two point Three Five Three
16	36-150	36-150-10	<p>"Formwork for centering and water tight shuttering as per drawing with 14 BWG M.S. sheet, fitted and fixed with 40mmx40mmx6mm M.S. angle frame and 25mmx6mm F.I. bar stiffener, with necessary fabrication, welding, making the forms including fitting, fixing of steel forms with necessary ties, battens, struts, nuts & bolts, props etc. as per desired shape and size including levelling and removing the forms after specified period including the cost of all materials as per direction of Engineer in charge. 36-150-10: Vertical and</p>	sqm	70.570	886.027	Eight Hundred and Eighty-Six point Zero Two Seven	62526.925	Sixty-Two Thousand Five Hundred and Twenty-Six point Nine Two Five

[illegible]

								Grand Total:	6390626.980	Lakh Ninety Thousand Six Hundred and Twenty- Six point Nine Eight
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This Bill of Quantities 02 is Electronically Signed by Mr. Md. Shamim Ahsan on behalf of Md. Shamim Ahsan

Mohammed Eunus & Brothers (Pvt.) Ltd.									
Bill of Quantities 02									
Bill of Quantities									
Item no.	Group	Item Code (if any)	Description of Item	Measurement Unit	Quantity	Unit Price In figures (BDT)	Unit Price In Words (BDT)	Total Price In Figures (BDT)	Total Price In Words (BDT)
09(Submergible block road)	56-100	56-100	"Earth work in box cutting up to 1.00 m depth, in all kinds of soil with all leads, removing the spoils to a safe distance, including levelling and dressing, maintaining required cambering etc. complete, as per direction of Engineer in charge."	Cum	523.800	112.439	One Hundred and Twelve point Four Three Nine	58895.548	Fifty-Eight Thousand Eight Hundred and Ninety-Five point Five Four Eight
10	56-110	56-110	Construction of improved road sub-grade of sand (FM>=0.8) in maximum 150mm thick layer including dressing, levelling, ramming, watering, cambering and compacting to attain minimum CBR-8% by..drawing and direction of Engineer in charge (payment shall be made on compacted volume).	Cum	174.600	581.302	Five Hundred and Eighty-One point Three Zero Two	101495.329	One Lakh One Thousand Four Hundred and Ninety-Five point Three Two Nine
11	Approved Analysis rate	Approved Analysis rate	Preparation of Bed by Cutting and filling including watering to bring moisture +- 2% of OMC & compacting by appropriate mechanical means etc to attain minimum compaction 98% oc MDD (standard) to obtain a minimum soaked CBR 4% etc all complete as per direction of the E-I-C.	sqm	1164.000	11.307	Eleven point Three Zero Seven	13161.348	Thirteen Thousand One Hundred and Sixty-One point Three Four Eight
12	Approved Analysis rate	Approved Analysis rate	"Manufacturing and supplying C.C. blocks in leanest mix. 1:2:4. withcement, sand (FM>=1.5) and Stone Chips (40mm down graded) to attain a28 days cylinder strength of 15 N/mm² including grading, washing stonechips, mixing, laying in forms, consolidation, curing for at least 21 days, including preparation of platform, shuttering and	each	11640.000	308.636	Three Hundred and Eight point Six Three Six	3592523.040	Thirty-Five Lakh Ninety-Two Thousand Five Hundred and Twenty-Three

			stacking in measurable stacks etc. complete including supply of all materials (steel shutter to be used) as per direction of Engineer in charge. Block size 30cmx30cmx30cm"						point Zero Four
13	Approved Analysis rate	Approved Analysis rate	"Manufacturing and supplying C.C. blocks in leanest mix. 1:2:4 with cement, sand (FM >= 1.5) and Stone Chips (40mm down graded) to attain a 28 days cylinder strength of 15 N/mm ² including grading, washing stone chips, mixing, laying in forms, consolidation, curing for at least 21 days, including preparation of platform, shuttering and stacking in measurable stacks etc. complete including supply of all materials (steel shutter to be used) as per direction of Engineer in charge. Block size 1000mmx650mmx(100mm to 150mm)	Each	776.000	919.087	Nine Hundred and Nineteen point Zero Eight Seven	713211.512	Seven Lakh Thirteen Thousand Two Hundred and Eleven point Five One Two
14	24-310	24-310-10	Flush pointing to brick works, in sand cement mortar (sand of FM >= 1.3), including scaffolding, curing, raking out joints, clearing the surface etc. complete in all floors including the cost of all materials and as per direction of Engineer in charge. 24-310-10: proportion 1:2	Sqm	1164.000	135.952	One Hundred and Thirty-Five point Nine Five Two	158248.128	One Lakh Fifty-Eight Thousand Two Hundred and Forty-Eight point One Two Eight
15	40-220	40-220-20	Labour charge for protective works in laying CC blocks of different sizes including preparation of base, watering and ramming of base etc. complete as per direction of Engineer in charge. 40-220-10: Within 200 m.	Cum	377.330	962.647	Nine Hundred and Sixty-Two point Six Four Seven	363235.593	Three Lakh Sixty-Three Thousand Two Hundred and Thirty-Five point Five Nine Three
16	36-150	36-150-10	"Formwork for centering and water tight shuttering as per drawing with 14 BWG M.S. sheet, fitted and fixed with 40mmx40mmx6mm M.S. angle frame and 25mmx6mm F.I. bar stiffener, with necessary fabrication, welding, making the forms including fitting, fixing of steel forms with necessary ties, battens, struts, nuts & bolts, props etc. as per	sqm	70.570	708.186	Seven Hundred and Eight point One	49976.686	Forty-Nine Thousand Nine Hundred and Seventy

			desired shape and size including levelling and removing the forms after specified period including the cost of all materials as per direction of Engineer in charge. 36-150-10: Vertical and inclined walls, columns, piers with 60-80mm dia barrack bamboo props. "				Eight Six		Seventy-Six point Six Eight Six
17	76-120	76-120-10	M.S. Work for reinforcement with deformed M.S. bar, $f_y=414 \text{ N/mm}^2$, (made from billet) in RCC works, including local handling, cutting, forging, bending, cleaning and fabrication with supply of deformed M.S. bar in different sizes and binding with 22 to 18 gages G.I. wire etc. complete including the cost of all materials as per direction of Engineer in charge. 76-120-10: 8mm dia to 30mm dia	kg	323.640	75.272	Seventy-Five point Two Seven Two	24361.030	Twenty-Four Thousand Three Hundred and Sixty-One point Zero Three
18	76-115	76-115-10	M.S Work for reinforcement with Standard deformed bar $f_y=276 \text{ N/mm}^2$ in RCC works including local handling, cutting, forging, bending, cleaning and fabrication with supply of deformed M.S. bar in different sizes and bending with 22 to 18 gages G.I. wire etc. complete including the cost of all materials as per direction of Engineer in charge. 76-115-10: 6mm dia .	kg	70.230	72.282	Seventy-Two point Two Eight Two	5076.365	Five Thousand AND Seventy-Six point Three Six Five
19	28-200	28-200-10	Reinforced cement concrete work in leanest mix. 1:1.5:3, with 20mm down graded coarse aggregates and sand of $FM>2.0$ to $FM\leq 2.5$, to attain a minimum 28 day cylinder strength of 22.0 N/mm^2 , including breaking, screening, grading, washing aggregates with clean water, mixing, laying in forms, consolidation to levels, curing, including supply of all materials, excluding cost of M.S. work for reinforcements and formworks etc. complete and as per direction of Engineer in charge. 28-200-10: with stone chips .	cum	70.640	9667.641	Nine Thousand Six Hundred and Sixty-Seven point Six Four One	682922.160	Six Lakh Eighty-Two Thousand Nine Hundred and Twenty-Two point One Six
20	04-110	04-110	Fixing in position, boundary pillars/bench mark pillars/K.M. post etc. of size 110cm height, bottom dia 25cm and top dia 20cm, embedded	cach	58.000	39.613	Thirty-Nine point Six	2297.554	Two Thousand Two Hundred and

20	04-110	04-110	45cm below G.L. including carriage, earth cutting, filling, ramming, etc. complete as per direction of Engineer in charge	Each	35.000	35.013	point Six One Three	2237.334	and Ninety-Seven point Five Four
							Grand Total:	5765404.293	Fifty-Seven Lakh Sixty-Five Thousand Four Hundred and Four point Two Nine Three

This Bill of Quantities 02 is Electronically Signed by Mr. Mohammed Eunus on behalf of Mohammed Eunus & Brothers (Pvt.) Ltd.

RAB-RC (PVT) LIMITED									
Bill of Quantities 02									
Bill of Quantities									
Item no.	Group	Item Code (if any)	Description of Item	Measurement Unit	Quantity	Unit Price In figures (BDT)	Unit Price In Words (BDT)	Total Price In Figures (BDT)	Total Price In Words (BDT)
09(Submergible block road)	56-100	56-100	"Earth work in box cutting up to 1.00 m depth, in all kinds of soil with all leads, removing the spoils to a safe distance, including levelling and dressing, maintaining required cambering etc. complete, as per direction of Engineer in charge."	Cum	523.800	100.746	One Hundred point Seven Four Six	52770.755	Fifty-Two Thousand Seven Hundred and Seventy point Seven Five Five
10	56-110	56-110	Construction of improved road sub-grade of sand (FM>=0.8) in maximum 150mm thick layer including dressing, levelling, ramming, watering, cambering and compacting to attain minimum CBR-8% by..drawing and direction of Engineer in charge (payment shall be made on compacted volume).	Cum	174.600	690.837	Six Hundred and Ninety point Eight Three Seven	120620.140	One Lakh Twenty Thousand Six Hundred and Twenty point One Four
11	Approved Analysis rate	Approved Analysis rate	Preparation of Bed by Cutting and filling including watering to bring moisture +- 2% of OMC & compacting by appropriate machanical means etc to attain minimum compaction 98% oc MDD (standard) to obtain a minimum soaked CBR 4% etc all complete as per direction of the E-I-C.	sqm	1164.000	9.137	Nine point One Three Seven	10635.468	Ten Thousand Six Hundred and Thirty-Five point Four Six Eight
			"Manufacturing and supplying C.C. blocks in leanest mix. 1:2:4. withcement, sand (FM>=1.5) and Stone Chips (40mm down graded) to attain a28						Thirty-

12	Approved Analysis rate	Approved Analysis rate	days cylinder strength of 15 N/mm ² including grading, washing stonechips, mixing, laying in forms, consolidation, curing for at least 21 days, including preparation of platform, shuttering and stacking in measurable stacks etc. complete including supply of all materials (steel shutter to be used) as per direction of Engineer in charge. Block size 30cmx30cmx30cm"	each	11640.000	289.878	Two Hundred and Eighty-Nine point Eight Seven Eight	3374179.920	Three Lakh Seventy-Four Thousand One Hundred and Seventy-Nine point Nine Two
13	Approved Analysis rate	Approved Analysis rate	"Manufacturing and supplying C.C. blocks in leanest mix. 1:2:4 with cement, sand (FM>=1.5) and Stone Chips (40mm down graded) to attain a 28 days cylinder strength of 15 N/mm ² including grading, washing stonechips, mixing, laying in forms, consolidation, curing for at least 21 days, including preparation of platform, shuttering and stacking in measurable stacks etc. complete including supply of all materials (steel shutter to be used) as per direction of Engineer in charge. Block size 1000mmx650mmx(100mm to 150mm)	Each	776.000	865.798	Eight Hundred and Sixty-Five point Seven Nine Eight	671859.248	Six Lakh Seventy-One Thousand Eight Hundred and Fifty-Nine point Two Four Eight
14	24-310	24-310-10	Flush pointing to brick works, in sand cement mortar (sand of FM>=1.3), including scaffolding, curing, raking out joints, clearing the surface etc. complete in all floors including the cost of all materials and as per direction of Engineer in charge. 24-310-10: proportion 1:2	Sqm	1164.000	114.932	One Hundred and Fourteen point Nine Three Two	133780.848	One Lakh Thirty-Three Thousand Seven Hundred and Eighty point Eight Four Eight
15	40-220	40-220-20	Labour charge for protective works in laying CC blocks of different sizes including preparation of base, watering and ramming of base etc. complete as per direction of Engineer in charge . 40-220-10: Within 200 m.	Cum	377.330	1525.996	One Thousand Five Hundred and Twenty-Five point Nine Nine Six	575804.071	Five Lakh Seventy-Five Thousand Eight Hundred and Four point Zero Seven One
			"Formwork for centering and water tight shuttering as per drawing with 14 BWG M.S. sheet, fitted and fixed with 40mmx40mmx6mm M.S. angle frame and						

16	36-150	36-150-10	25mmx6mm F.I. bar stiffener, with necessary fabrication, welding, making the forms including fitting, fixing of steel forms with necessary ties, battens, struts, nuts & bolts, props etc. as per desired shape and size including levelling and removing the forms after specified period including the cost of all materials as per direction of Engineer in charge. 36-150-10: Vertical and inclined walls, columns, piers with 60-80mm dia barrack bamboo props. "	sqm	70.570	677.516	Six Hundred and Seventy-Seven point Five One Six	47812.304	Forty-Seven Thousand Eight Hundred and Twelve point Three Zero Four
17	76-120	76-120-10	M.S. Work for reinforcement with deformed M.S. bar, $f_y=414 \text{ N/mm}^2$, (made from billet) in RCC works, including local handling, cutting, forging, bending, cleaning and fabrication with supply of deformed M.S. bar in different sizes and binding with 22 to 18 gages G.I. wire etc. complete including the cost of all materials as per direction of Engineer in charge. 76-120-10: 8mm dia to 30mm dia	kg	323.640	58.769	Fifty-Eight point Seven Six Nine	19019.999	Nineteen Thousand AND Nineteen point Nine Nine Nine
18	76-115	76-115-10	M.S Work for reinforcement with Standard deformed bar $f_y=276 \text{ N/mm}^2$ in RCC works including local handling, cutting, forging, bending, cleaning and fabrication with supply of deformed M.S. bar in different sizes and bending with 22 to 18 gages G.I. wire etc. complete including the cost of all materials as per direction of Engineer in charge. 76-115-10: 6mm dia .	kg	70.230	65.941	Sixty-Five point Nine Four One	4631.036	Four Thousand Six Hundred and Thirty-One point Zero Three Six
19	28-200	28-200-10	Reinforced cement concrete work in leanest mix. 1:1.5:3, with 20mm down graded coarse aggregates and sand of $FM>2.0$ to $FM\leq 2.5$, to attain a minimum 28 day cylinder strength of 22.0 N/mm^2 , including breaking, screening, grading, washing aggregates with clean water, mixing, laying in forms, consolidation to levels, curing, including supply of all materials, excluding cost of M.S. work for reinforcements and formworks etc. complete and as per direction of Engineer in charge. 28-200-10: with	cum	70.640	10525.106	Ten Thousand Five Hundred and Twenty-Five point One Zero Six	743493.488	Seven Lakh Forty-Three Thousand Four Hundred and Ninety-Three point Four Eight Eight

			stone chips .						
20	04-110	04-110	Fixing in position, boundary pillars/bench mark pillars/K.M. post etc. of size 110cm height, bottom dia 25cm and top dia 20cm, embedded 45cm below G.L. including carriage, earth cutting, filling, ramming, etc. complete as per direction of Engineer in charge	each	58.000	34.098	Thirty-Four point Zero Nine Eight	1977.684	One Thousand Nine Hundred and Seventy-Seven point Six Eight Four
							Grand Total:	5756584.961	Fifty-Seven Lakh Fifty-Six Thousand Five Hundred and Eighty-Four point Nine Six One

This Bill of Quantities 02 is Electronically Signed by Mr. Fakhru Amin Buiyan on behalf of RAB-RC (PVT) LIMITED

SA-SI-LT JV (JVCA)									
Bill of Quantities 02									
Bill of Quantities									
Item no.	Group	Item Code (if any)	Description of Item	Measurement Unit	Quantity	Unit Price In figures (BDT)	Unit Price In Words (BDT)	Total Price In Figures (BDT)	Total Price In Words (BDT)
09(Submergible block road)	56-100	56-100	"Earth work in box cutting up to 1.00 m depth, in all kinds of soil with all leads, removing the spoils to a safe distance, including levelling and dressing, maintaining required cambering etc. complete, as per direction of Engineer in charge."	Cum	523.800	122.031	One Hundred and Twenty-Two point Zero Three One	63919.838	Sixty-Three Thousand Nine Hundred and Nineteen point Eight Three Eight
10	56-110	56-110	Construction of improved road sub-grade of sand (FM>=0.8) in maximum 150mm thick layer including dressing, levelling, ramming, watering, cambering and compacting to attain minimum CBR-8% by ..drawing and direction of Engineer in charge (payment shall be made on compacted volume).	Cum	174.600	655.096	Six Hundred and Fifty-Five point Zero Nine Six	114379.762	One Lakh Fourteen Thousand Three Hundred and Seventy-Nine point Seven Six Two
11	Approved Analysis rate	Approved Analysis rate	Preparation of Bed by Cutting and filling including watering to bring moisture +- 2% of OMC & compacting by appropriate machanical meands etc to attain minimum compaction 98% oc MDD	sqm	1164.000	10.349	Ten point Three Four Nine	12046.236	Twelve Thousand AND Forty-Six point Two

			(standard) to obtain a minimum soaked CBR 4% etc all complete as per direction of the E-I-C.						Three Six
12	Approved Analysis rate	Approved Analysis rate	"Manufacturing and supplying C.C. blocks in leanest mix. 1:2:4. with cement, sand (FM>=1.5) and Stone Chips (40mm down graded) to attain a28 days cylinder strength of 15 N/mm² including grading, washing stonechips, mixing, laying in forms, consolidation, curing for at least 21 days, including preparation of platform, shuttering and stacking in measurable stacks etc. complete including supply of all materials (steel shutter to be used) as per direction of Engineer in charge. Block size 30cmx30cmx30cm"	each	11640.000	326.963	Three Hundred and Twenty-Six point Nine Six Three	3805849.320	Thirty-Eight Lakh Five Thousand Eight Hundred and Forty-Nine point Three Two
13	Approved Analysis rate	Approved Analysis rate	"Manufacturing and supplying C.C. blocks in leanest mix. 1:2:4 with cement, sand (FM>=1.5) and Stone Chips (40mm down graded) to attain a28 days cylinder strength of 15 N/mm² including grading, washing stonechips, mixing, laying in forms, consolidation, curing for at least 21 days, including preparation of platform, shuttering and stacking in measurable stacks etc. complete including supply of all materials (steel shutter to be used) as per direction of Engineer in charge. Block size 1000mmx650mmx(100mm to 150mm)	Each	776.000	975.425	Nine Hundred and Seventy-Five point Four Two Five	756929.800	Seven Lakh Fifty-Six Thousand Nine Hundred and Twenty-Nine point Eight
14	24-310	24-310-10	Flush pointing to brick works, in sand cement mortar (sand of FM>=1.3), including scaffolding, curing, raking out joints, clearing the surface etc. complete in all floors including the cost of all materials and as per direction of Engineer in charge. 24-310-10: proportion 1:2	Sqm	1164.000	138.049	One Hundred and Thirty-Eight point Zero Four Nine	160689.036	One Lakh Sixty Thousand Six Hundred and Eighty-Nine point Zero Three Six
15	40-220	40-220-20	Labour charge for protective works in laying CC blocks of different sizes including preparation of base, watering and ramming of base etc. complete as per direction	Cum	377.330	1785.769	One Thousand Seven Hundred and Eighty-Five point	673824.217	Six Lakh Seventy-Three Thousand Eight Hundred and Twenty-Four

			of Engineer in charge . 40-220-10: Within 200 m.				Seven Six Nine		Four point Two One Seven
16	36-150	36-150- 10	"Formwork for centering and water tight shuttering as per drawing with 14 BWG M.S. sheet, fitted and fixed with 40mmx40mmx6mm M.S. angle frame and 25mmx6mm F.I. bar stiffener, with necessary fabrication, welding, making the forms including fitting, fixing of steel forms with necessary ties, battens, struts, nuts & bolts, props etc. as per desired shape and size including levelling and removing the forms after specified period including the cost of all materials as per direction of Engineer in charge. 36- 150-10: Vertical and inclined walls, columns, piers with 60-80mm dia barrack bamboo props." "	sqm	70.570	743.928	Seven Hundred and Forty- Three point Nine Two Eight	52498.999	Fifty-Two Thousand Four Hundred and Ninety- Eight point Nine Nine Nine
17	76-120	76-120- 10	M.S. Work for reinforcement with deformed M.S. bar, fy=414 N/mm ² , (made from billet) in RCC works, including local handling, cutting, forging, bending, cleaning and fabrication with supply of deformed M.S. bar in different sizes and binding with 22 to 18 gages G.I. wire etc. complete including the cost of all materials as per direction of Engineer in charge. 76-120-10: 8mm dia to 30mm dia	kg	323.640	67.992	Sixty- Seven point Nine Nine Two	22004.931	Twenty- Two Thousand AND Four point Nine Three One
18	76-115	76-115- 10	M.S Work for reinforcement with Standard deformed bar fy=276 N/mm ² in RCC works including local handling, cutting, forging, bending, cleaning and fabrication with supply of deformed M.S. bar in different sizes and bending with 22 to 18 gages G.I. wire etc. complete including the cost of all materials as per direction of Engineer in charge. 76-115-10: 6mm dia .	kg	70.230	73.967	Seventy- Three point Nine Six Seven	5194.702	Five Thousand One Hundred and Ninety- Four point Seven Zero Two
		28 200	Reinforced cement concrete work in leanest mix. 1:1.5:3, with 20mm down graded coarse aggregates and sand of FM>2.0 to FM<=2.5, to attain a minimum 28 day cylinder strength of 22.0 N/mm ² , including breaking, screening, grading, washing				Ten Thousand Two		Seven Lakh Twenty Thousand Five Hundred

19	28-200	20-200-10	aggregates with clean water, mixing, laying in forms, consolidation to levels, curing, including supply of all materials, excluding cost of M.S. work for reinforcements and formworks etc. complete and as per direction of Engineer in charge. 28-200-10: with stone chips .	cum	70.640	10200.521	Two Hundred point Five Two One	720564.803	and Sixty-Four point Eight Zero Three
20	04-110	04-110	Fixing in position, boundary pillars/bench mark pillars/K.M. post etc. of size 110cm height, bottom dia 25cm and top dia 20cm, embedded 45cm below G.L. including carriage, earth cutting, filling, ramming, etc. complete as per direction of Engineer in charge	each	58.000	41.479	Forty-One point Four Seven Nine	2405.782	Two Thousand Four Hundred and Five point Seven Eight Two
							Grand Total:	6390307.426	Sixty-Three Lakh Ninety Thousand Three Hundred and Seven point Four Two Six

This Bill of Quantities 02 is Electronically Signed by Mrs. Kazi on behalf of SA-SI-LT JV