

Individual Report

Tender/Proposal Detail			
Tender/Proposal ID :	233924	Invitation Reference No. :	465 date- 09/10/2018
Closing Date and Time :	15-Nov-2018 13:00	Opening Date and Time :	15-Nov-2018 13:00
Procuring Entity :	Habiganj O&M Division		
Brief :	<p>Re-sectioning of Sub-mersible embankment along the left bank of kushiyara river in between km 0.00 to km 26.00 length 7.23 km Construction of new retired embankment in between km0.00 to km 26.50 length 6.894km Re-excavation of Kairdhala khal from km 0.00 to km 1.6950 1.6950 km under Kairdhala ratna sub-project & Re-sectioning of Sub-mersible embankment along the right bank of khowai river from km 0.00 to km 16.020 16.020km Construction of new embankment from km 22.850 to km 31.210 8.360km Re-excavation of Satomukha khal from km 0.000 to km 1.7901.790km Re-excavation of Singair beel khal from km 0.000 to km 2.7202.720km under Aralia Khal Sub-project in C/W Haor Flood Management and Livelihood Improvement Project BWDB Part in Upazila- Ajmiriganj & Baniyachong District- Habiganj under Habiganj O&M Division BWDB Habiganj during the year 2018-19 & 2019-20 ./Package No BWDB/Hobi/HFMLIP/PW-02</p>		

Package No	Package Description
BWDB/Hobi/HFMLIP/PW-02	<p>Re-sectioning of Sub-mersible embankment along the left bank of kushiyara river in between km 0.00 to km 26.00 length 7.23 km Construction of new retired embankment in between km0.00 to km 26.50 length 6.894km Re-excavation of Kairdhala khal from km 0.00 to km 1.6950 1.6950 km under Kairdhala ratna sub-project & Re-sectioning of Sub-mersible embankment along the right bank of khowai river from km 0.00 to km 16.020 16.020km Construction of new embankment from km 22.850 to km 31.210 8.360km Re-excavation of Satomukha khal from km 0.000 to km 1.7901.790km Re-excavation of Singair beel khal from km 0.000 to km 2.7202.720km under Aralia Khal Sub-project in C/W Haor Flood Management and Livelihood Improvement Project BWDB Part in Upazila- Ajmiriganj & Baniyachong District- Habiganj under Habiganj O&M Division BWDB Habiganj during the year 2018-19 & 2019-20 ./Package No BWDB/Hobi/HFMLIP/PW-02</p>

HU-AS(JV) (JVCA)									
Bill of Quantities: Part C-2									
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)
C.11	16-300	16-300	Royalty of specified earth taken from private land (with prior permission of the Executive Engineer on production of royalty deeds with the landowner) from the area to be selected by the contractor with mutual agreement.	cum	2637.500	1.564	One point Five Six Four	4125.050	Four Thousand One Hundred and Twenty-Five point Zero Five
			Earth work in						

C.12	16-310	16-310-10	excavation of foundation trenches in all kinds of soil as per layout plan of foundation excavation with all leads and lifts and placing the spoil earth for constructing the ring bundh/cofferdam where necessary as per design and specification or disposing it to a safe distance including pushing, leveling, dressing, etc. complete as per direction of Engineer in charge For moving spoil earth upto a distance of 100m from the centre of the pit.	cum	1735.100	116.849	One Hundred and Sixteen point Eight Four Nine	202744.700	Two Lakh Two Thousand Seven Hundred and Forty-Four point Seven
C.13	16-340	16-340	"Earth work in removal of slushy earth, including all leads and lifts form the bed of the sluices or any other places, in accordance with specification (prior permission from the Executive Engineer has to be taken before execution of the work regarding necessity and quantity of work) as per direction of Engineer in charge."	cum	432.840	149.389	One Hundred and Forty-Nine point Three Eight Nine	64661.535	Sixty-Four Thousand Six Hundred and Sixty-One point Five Three Five
C.14	16-520	16-520-20	Supplying and filling sand in foundation of hydraulic strcutures, buildings and in protective work with selected sand, in 150mm thick layer, including levelling, dressing, ramming, watering etc. complete (compacted to 50% relative density by manual labour using mallet/vibro compactor) as per direction of Engineer in charge. Sand of FM >=1.50	cum	1625.000	400.079	Four Hundred point Zero Seven Nine	650128.375	Six Lakh Fifty Thousand One Hundred and Twenty-Eight point Three Seven Five
			Back filling in hydraulic structures including all leads and lifts in 150mm layer including watering,				Two Hundred		Four Lakh Forty-Nine

C.15	16-540	16-540-20	ramming, compacting to 30% relative density etc. complete by compactor or any other suitable method as per direction of Engineer in charge. Send of FM>=0.80	cum	1728.530	260.001	Four Hundred and Sixty point Zero One	449419.529	Thousand Four Hundred and Nineteen point Five Two Nine
C.16	16-560	16-560-30	Shoring for slope protection of foundation trench, canal, embankment, road, pond etc. as per design slopes, grades including removal of spoils to a safe distance as per direction of engineer in charge. By local hard wood ballah post of 6.0m length, 120mm to 1.0m c/c and 2.0m drive with 6.0m long bamboo of average 75mm dia @ 1.0m c/c and 2.0m drive with drim sheet walling and average 70mm dia half split bamboo batten @ 2.0m c/c fixed with nails	sqm	255.250	553.037	Five Hundred and Fifty-Three point Zero Three Seven	141162.694	One Lakh Forty-One Thousand One Hundred and Sixty-Two point Six Nine Four
C.17	28-100	28-100-20	Cement concrete work in leanest mix. 1:4:8, with sand of FM>=1.5, in foundation or floor, including breaking, screening, grading and washing aggregates with clear water, mixing, laying in position, consolidation to levels, curing, including supply of all materials, excluding the cost of formworks etc. complete as per direction of Engineer in charge. With 25mm down graded stone chips	cum	16.230	10708.111	Ten Thousand Seven Hundred and Eight point One One One	173792.642	One Lakh Seventy-Three Thousand Seven Hundred and Ninety-Two point Six Four Two
C.18	28-120	28-120-	"Cement concrete work in leanest mix. 1:3:6 with sand of FM>=1.5, in foundation or floor including breaking, screening, grading and washing aggregates with clear water, mixing, laying in position,	cum	16.340	11149.981	Eleven Thousand One Hundred and Forty-	182190.690	One Lakh Eighty-Two Thousand One

	120	20	consolidation to levels, curing, including supply of all materials, excluding the cost of formworks etc. complete as per direction of Engineer in charge." With 25mm down graded stone chips.				Nine point Nine Eight One		Hundred and Ninety point Six Nine
C.19	28-200	28-200-10	Reinforced cement concrete works 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 days cylinder strength of 22.0 N/mm2, including breaking, screening, grading, washing aggregates with clear 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. With stone chips	cum	187.030	20871.802	Twenty Thousand Eight Hundred and Seventy-One point Eight Zero Two	3903653.128	Thirty-Nine Lakh Three Thousand Six Hundred and Fifty-Three point One Two Eight
C.20(a)	36-150	36-150-10	Form work for centering & water tight shuttering as per drawing with 14 BWG M.S. sheet, fitted and fixed with 40mm x 40mm x 6mm M.S. angle frame and 25mm x 6mm 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 leveling and removing the forms after specified period including the cost of all materials as per direction of Engineer in charge. Vertical and inclined walls, columns, piers with 60-80mm dia	sqm	697.310	740.001	Seven Hundred and Forty point Zero Zero One	516010.097	Five Lakh Sixteen Thousand AND Ten point Zero Nine Seven

			barrack bamboo props.						
C.20(b)	36-150	36-150-60	Form work for centering & water tight shuttering as per drawing with 14 BWG M.S. sheet, fitted and fixed with 40mm x 40mm x 6mm M.S. angle frame and 25mm x 6mm 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 leveling and removing the forms after specified period including the cost of all materials as per direction of Engineer in charge. Foooting, Footing beams, grade beams., foundation slab with 60-80mm dia barrack bamboo props.	sqm	78.110	833.461	Eight Hundred and Thirty-Three point Four Six One	65101.639	Sixty-Five Thousand One Hundred and One point Six Three Nine
							Grand Total:	6352990.079	Sixty-Three Lakh Fifty-Two Thousand Nine Hundred and Ninety point Zero Seven Nine

This Bill of Quantities: Part C-2 is Electronically Signed by Mr. Helal on behalf of HU-AS(JV)

**Md. Anisur Rahman Chowdhury- M/s. Liberty Traders Joint Venture
(JVCA)**

Bill of Quantities: Part C-2

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)
			Royalty of specified earth taken from						Forty

C.11	16-300	16-300	private land (with prior permission of the Executive Engineer on production of royalty deeds with the landowner) from the area to be selected by the contractor with mutual agreement.	cum	2637.500	16.001	Sixteen point Zero One	42202.638	Forty-Two Thousand Two Hundred and Two point Six Three Eight
C.12	16-310	16-310-10	Earth work in excavation of foundation trenches in all kinds of soil as per layout plan of foundation excavation with all leads and lifts and placing the spoil earth for constructing the ring bundh/cofferdam where necessary as per design and specification or disposing it to a safe distance including pushing, leveling, dressing, etc. complete as per direction of Engineer in charge For moving spoil earth upto a distance of 100m from the centre of the pit.	cum	1735.100	250.001	Two Hundred and Fifty point Zero One	433776.735	Four Lakh Thirty-Three Thousand Seven Hundred and Seventy-Six point Seven Three Five
C.13	16-340	16-340	"Earth work in removal of slushy earth, including all leads and lifts form the bed of the sluices or any other places, in accordance with specification (prior permission from the Executive Engineer has to be taken before execution of the work regarding necessity and quantity of work) as per direction of Engineer in charge."	cum	432.840	325.001	Three Hundred and Twenty-Five point Zero One	140673.433	One Lakh Forty Thousand Six Hundred and Seventy-Three point Four Three Three
C.14	16-520	16-520-20	Supplying and filling sand in foundation of hydraulic strcutures, buildings and in protective work with selected sand, in 150mm thick layer, including levelling, dressing, ramming, watering etc. complete (compacted to 50% relative density by manual	cum	1625.000	600.001	Six Hundred point Zero One	975001.625	Nine Lakh Seventy-Five Thousand AND One point Six Two

			labour using mallet/vibro compactor) as per direction of Engineer in charge. Sand of FM ≥ 1.50						Five
C.15	16-540	16-540-20	Back filling in hydraulic structures including all leads and lifts in 150mm layer including watering, ramming, compacting to 30% relative density etc. complete by compactor or any other suitable method as per direction of Engineer in charge. Send of FM ≥ 0.80	cum	1728.530	300.001	Three Hundred point Zero One	518560.729	Five Lakh Eighteen Thousand Five Hundred and Sixty point Seven Two Nine
C.16	16-560	16-560-30	Shoring for slope protection of foundation trench, canal, embankment, road, pond etc. as per design slopes, grades including removal of spoils to a safe distance as per direction of engineer in charge. By local hard wood ballah post of 6.0m length, 120mm to 1.0m c/c and 2.0m drive with 6.0m long bamboo of average 75mm dia @ 1.0m c/c and 2.0m drive with drim sheet walling and average 70mm dia half split bamboo batten @ 2.0m c/c fixed with nails	sqm	255.250	500.001	Five Hundred point Zero One	127625.255	One Lakh Twenty-Seven Thousand Six Hundred and Twenty-Five point Two Five Five
C.17	28-100	28-100-20	Cement concrete work in leanest mix. 1:4:8, with sand of FM ≥ 1.5 , in foundation or floor, including breaking, screening, grading and washing aggregates with clear water, mixing, laying in position, consolidation to levels, curing, including supply of all materials, excluding the cost of formworks etc. complete as per direction of Engineer in charge. With 25mm down graded stone chips	cum	16.230	12000.001	Twelve Thousand point Zero One	194760.016	One Lakh Ninety-Four Thousand Seven Hundred and Sixty point Zero One Six

C.18	28-120	28-120-20	"Cement concrete work in leanest mix. 1:3:6 with sand of FM \geq 1.5, in foundation or floor including breaking, screening, grading and washing aggregates with clear water, mixing, laying in position, consolidation to levels, curing, including supply of all materials, excluding the cost of formworks etc. complete as per direction of Engineer in charge." With 25mm down graded stone chips.	cum	16.340	15000.001	Fifteen Thousand point Zero Zero One	245100.016	Two Lakh Forty-Five Thousand One Hundred point Zero One Six
C.19	28-200	28-200-10	Reinforced cement concrete works in leanest mix 1:1.5:3, with 20mm down graded coarse aggregates and sand of FM \geq 2.0 to FM \leq 2.5 to attain a minimum 28 days cylinder strength of 22.0 N/mm ² , including breaking, screening, grading, washing aggregates with clear 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. With stone chips	cum	187.030	20000.001	Twenty Thousand point Zero Zero One	3740600.187	Thirty-Seven Lakh Forty Thousand Six Hundred point One Eight Seven
C.20(a)	36-150	36-150-10	Form work for centering & water tight shuttering as per drawing with 14 BWG M.S. sheet, fitted and fixed with 40mm x 40mm x 6mm M.S. angle frame and 25mm x 6mm 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	sqm	697.310	1200.001	One Thousand Two Hundred point Zero	836772.697	Eight Lakh Thirty-Six Thousand Seven Hundred and Seventy-

			and size including leveling and removing the forms after specified period including the cost of all materials as per direction of Engineer in charge. Vertical and inclined walls, columns, piers with 60-80mm dia barrack bamboo props.				Zero One		Two point Six Nine Seven
C.20(b)	36-150	36-150-60	Form work for centering & water tight shuttering as per drawing with 14 BWG M.S. sheet, fitted and fixed with 40mm x 40mm x 6mm M.S. angle frame and 25mm x 6mm 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 leveling and removing the forms after specified period including the cost of all materials as per direction of Engineer in charge. Footing, Footing beams, grade beams., foundation slab with 60-80mm dia barrack bamboo props.	sqm	78.110	1000.001	One Thousand point Zero Zero One	78110.078	Seventy-Eight Thousand One Hundred and Ten point Zero Seven Eight
							Grand Total:	7333183.409	Seventy-Three Lakh Thirty-Three Thousand One Hundred and Eighty-Three point Four Zero Nine

This Bill of Quantities: Part C-2 is Electronically Signed by Mr. FM on behalf of Md. Anisur Rahman Chowdhury- M/s. Liberty Traders Joint Venture

NOONA-HB (JV.)
(JVCA)

Bill of Quantities: Part C-2

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)
C.11	16-300	16-300	Royalty of specified earth taken from private land (with prior permission of the Executive Engineer on production of royalty deeds with the landowner) from the area to be selected by the contractor with mutual agreement.	cum	2637.500	16.479	Sixteen point Four Seven Nine	43463.362	Forty-Three Thousand Four Hundred and Sixty-Three point Three Six Two
C.12	16-310	16-310-10	Earth work in excavation of foundation trenches in all kinds of soil as per layout plan of foundation excavation with all leads and lifts and placing the spoil earth for constructing the ring bundh/cofferdam where necessary as per design and specification or disposing it to a safe distance including pushing, leveling, dressing, etc. complete as per direction of Engineer in charge For moving spoil earth upto a distance of 100m from the centre of the pit.	cum	1735.100	285.404	Two Hundred and Eighty-Five point Four Zero Four	495204.480	Four Lakh Ninety-Five Thousand Two Hundred and Four point Four Eight
C.13	16-340	16-340	"Earth work in removal of slushy earth, including all leads and lifts form the bed of the sluices or any other places, in accordance with specification (prior permission from the Executive Engineer has to be taken before execution of the work regarding necessity and quantity of work) as per direction of Engineer in charge."	cum	432.840	295.067	Two Hundred and Ninety-Five point Zero Six Seven	127716.800	One Lakh Twenty-Seven Thousand Seven Hundred and Sixteen point Eight

C.14	16-520	16-520-20	Supplying and filling sand in foundation of hydraulic structures, buildings and in protective work with selected sand, in 150mm thick layer, including levelling, dressing, ramming, watering etc. complete (compacted to 50% relative density by manual labour using mallet/vibro compactor) as per direction of Engineer in charge. Sand of FM ≥ 1.50	cum	1625.000	1186.925	One Thousand One Hundred and Eighty-Six point Nine Two Five	1928753.125	Nineteen Lakh Twenty-Eight Thousand Seven Hundred and Fifty-Three point One Two Five
C.15	16-540	16-540-20	Back filling in hydraulic structures including all leads and lifts in 150mm layer including watering, ramming, compacting to 30% relative density etc. complete by compactor or any other suitable method as per direction of Engineer in charge. Sand of FM ≥ 0.80	cum	1728.530	766.606	Seven Hundred and Sixty-Six point Six Zero Six	1325101.469	Thirteen Lakh Twenty-Five Thousand One Hundred and One point Four Six Nine
C.16	16-560	16-560-30	Shoring for slope protection of foundation trench, canal, embankment, road, pond etc. as per design slopes, grades including removal of spoils to a safe distance as per direction of engineer in charge. By local hard wood ballah post of 6.0m length, 120mm to 1.0m c/c and 2.0m drive with 6.0m long bamboo of average 75mm dia @ 1.0m c/c and 2.0m drive with drim sheet walling and average 70mm dia half split bamboo batten @ 2.0m c/c fixed with nails	sqm	255.250	930.638	Nine Hundred and Thirty point Six Three Eight	237545.350	Two Lakh Thirty-Seven Thousand Five Hundred and Forty-Five point Three Five
			Cement concrete work in leanest mix. 1:4:8, with sand of FM ≥ 1.5 , in foundation or floor, including breaking, screening, grading and washing				Ten Thousand Five		One Lakh Seventy-

C.17	28-100	28-100-20	and washing aggregates with clear water, mixing, laying in position, consolidation to levels, curing, including supply of all materials, excluding the cost of formworks etc. complete as per direction of Engineer in charge. With 25mm down graded stone chips	cum	16.230	10547.488	Five Hundred and Forty-Seven point Four Eight Eight	171185.730	One Thousand One Hundred and Eighty-Five point Seven Three
C.18	28-120	28-120-20	"Cement concrete work in leanest mix. 1:3:6 with sand of FM>=1.5, in foundation or floor including breaking, screening, grading and washing aggregates with clear water, mixing, laying in position, consolidation to levels, curing, including supply of all materials, excluding the cost of formworks etc. complete as per direction of Engineer in charge." With 25mm down graded stone chips.	cum	16.340	10982.731	Ten Thousand Nine Hundred and Eighty-Two point Seven Three One	179457.825	One Lakh Seventy-Nine Thousand Four Hundred and Fifty-Seven point Eight Two Five
C.19	28-200	28-200-10	Reinforced cement concrete works 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 days cylinder strength of 22.0 N/mm ² , including breaking, screening, grading, washing aggregates with clear 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. With stone chips	cum	187.030	12602.888	Twelve Thousand Six Hundred and Two point Eight Eight Eight	2357118.143	Twenty-Three Lakh Fifty-Seven Thousand One Hundred and Eighteen point One Four Three
			Form work for centering & water tight shuttering as per drawing with 14						

C.20(a)	36-150	36-150-10	<p>BWG M.S. sheet, fitted and fixed with 40mm x 40mm x 6mm M.S. angle frame and 25mm x 6mm 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 leveling and removing the forms after specified period including the cost of all materials as per direction of Engineer in charge.</p> <p>Vertical and inclined walls, columns, piers with 60-80mm dia barrack bamboo props.</p>	sqm	697.310	1016.264	One Thousand AND Sixteen point Two Six Four	708651.050	Seven Lakh Eight Thousand Six Hundred and Fifty-One point Zero Five
C.20(b)	36-150	36-150-60	<p>Form work for centering & water tight shuttering as per drawing with 14 BWG M.S. sheet, fitted and fixed with 40mm x 40mm x 6mm M.S. angle frame and 25mm x 6mm 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 leveling and removing the forms after specified period including the cost of all materials as per direction of Engineer in charge.</p> <p>Footing, Footing beams, grade beams., foundation slab with 60-80mm dia barrack bamboo props.</p>	sqm	78.110	820.958	Eight Hundred and Twenty point Nine Five Eight	64125.029	Sixty-Four Thousand One Hundred and Twenty-Five point Zero Two Nine
							Grand Total:	7638322.363	Seventy-Six Lakh Thirty-Eight Thousand Three Hundred

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This Bill of Quantities: Part C-2 is Electronically Signed by Mr. MD. on behalf of NOONA-HB (JV.)