

## Individual Report

Tender/Proposal Detail			
<b>Tender/Proposal ID :</b>	233923	<b>Invitation Reference No. :</b>	464 date- 09/10/2018
<b>Closing Date and Time :</b>	15-Nov-2018 13:00	<b>Opening Date and Time :</b>	15-Nov-2018 13:00
<b>Procuring Entity :</b>	Habiganj O&M Division		
<b>Brief :</b>	Re-sectioning of Submersible embankment along the left bank of Bashira river in between km 2.420 to km 9.760 = 7.00km , Construction of New Embankment along the left bank of Bitangal khal in between km 10.00 to km 17.00=7.00km, Re-excavation of Bashira River in between km 0.000 to 20.00= 17.400km , Re-excavation of Matikata khal from km 0.000 to km 2.295 =2295.00m, Construction of 2-Vent Regulator-1 no, and Construction of 4.00m Wide Causeway -1 no in C/W "Haor Flood Management and Livelihood Improvement Project (BWDB Part)" in Upazila- Baniyachong & Ajmirigang, District- Habiganj under Habiganj O&M Division, BWDB, Habiganj during the year 2018-19& 2019-20. Package No BWDB/Hobi/HFMLIP/PW-01		

Package No	Package Description
BWDB/Hobi/HFMLIP/PW-01	Re-sectioning of Submersible embankment along the left bank of Bashira river in between km 2.420 to km 9.760 7.00km Construction of New Embankment along the left bank of Bitangal khal in between km 10.00 to km 17.007.00km Re-excavation of Bashira River in between km 0.000 to 20.00 17.400km Re-excavation of Matikata khal from km 0.000 to km 2.295 2.295km Construction of 2-Vent Regulator-1 no and Construction of 4.00m Wide Causeway -1 no under Bashira River sub-project in C/W Haor Flood Management and Livelihood Improvement Project BWDB Part in Upazila- Baniyachong & Ajmirigang District- Habiganj under Habiganj O&M Division BWDB Habiganj during the year 2018-19 & 2019-20. Package No BWDB/Hobi/ HFMLIP/PW-01

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.16	16-220	16-220	Earth work by manual labour with clayey soil (minimum 30% clay, 0-40% silt and 0-30% sand) in construction of cross bundh/ ring bundh as per design and specification with all leads and lifts, throwing the earth in layers not exceeding 150mm in thickness, including breaking clods, rough dressing, clearing the jungle, removing stumps, dug bailing and 75mm cambering etc. complete as per	cum	4080.000	162.572	One Hundred and Sixty-Two point Five Seven Two	663293.760	Six Lakh Sixty-Three Thousand Two Hundred and Ninety-Three point Seven Six

			direction of Engineer in charge.						
C.17	16-240	16-240	Earth work by manual labour, in all kinds of soil in removing the cross bundh/ ring bundh, including all leads and lifts complete and placing the spoils to a safe distance, (minimum 15m apart from the bank) as per direction of Engineer in charge.	cum	3264.000	162.621	One Hundred and Sixty-Two point Six Two One	530794.944	Five Lakh Thirty Thousand Seven Hundred and Ninety-Four point Nine Four Four
C.18	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 land owner) from the area to be selected by the contractor with mutual agreement.	cum	4185.000	16.228	Sixteen point Two Two Eight	67914.180	Sixty-Seven Thousand Nine Hundred and Fourteen point One Eight
C.19	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 up to a distance of 100m from the center of pit	cum	3597.290	281.058	Two Hundred and Eighty-One point Zero Five Eight	1011047.133	Ten Lakh Eleven Thousand AND Forty-Seven point One Three Three
C.20	16-340	16-340	"Earth work in removal of slushy earth, including all leads and lifts from 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	cum	703.500	290.573	Two Hundred and Ninety point Five Seven Three	204418.105	Two Lakh Four Thousand Four Hundred and Eighteen point One Zero Five

			quantity of work) as per direction of Engineer in charge."						
C.21	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 $\geq 1.50$	cum	36.740	1168.928	One Thousand One Hundred and Sixty-Eight point Nine Two Eight	42946.415	Forty-Two Thousand Nine Hundred and Forty-Six point Four One Five
C.22	16-540-20	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 $\geq 0.80$	cum	615.350	754.932	Seven Hundred and Fifty-Four point Nine Three Two	464547.406	Four Lakh Sixty-Four Thousand Five Hundred and Forty-Seven point Four Zero Six
C.23	16-560	16-560-20	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 bamboo post of 6.0m length, 60mm to 80mm dia, 20cm c/c, driven 2.0m below ground, with drum sheet walling and average 70mm dia half split bamboo batten @ 2.0m c/c fixed with nails	sqm	80.000	775.825	Seven Hundred and Seventy-Five point Eight Two Five	62066.000	Sixty-Two Thousand AND Sixty-Six
			Cement concrete work in leanest mix. 1:4:8 with sand of FM $\geq 1.5$ , in foundation or floor including breaking, screening, grading and washing, aggregates with clear				Ten Thousand Three		Fifteen Thousand Three

C.24	28-100	28-100-20	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	1.480	10386.867	Hundred and Eighty-Six point Eight Six Seven	15372.563	Hundred and Seventy-Two point Five Six Three
C.25	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	36.740	10815.481	Ten Thousand Eight Hundred and Fifteen point Four Eight One	397360.772	Three Lakh Ninety-Seven Thousand Three Hundred and Sixty point Seven Seven Two
C.26	28-200	28-200-10	Reinforcement 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 <sup>2</sup> , 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. with stone chips	cum	215.320	12410.966	Twelve Thousand Four Hundred and Ten point Nine Six Six	2672329.199	Twenty-Six Lakh Seventy-Two Thousand Three Hundred and Twenty-Nine point One Nine Nine
			Form work for centering & water tight shuttering as per drawing with 14 BWG M.S. sheet, fitted and fixed with						

C.27(a)	36-150	36-150-10	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 barrack bamboo props.	sqm	503.920	1000.788	One Thousand point Seven Eight Eight	504317.089	Five Lakh Four Thousand Three Hundred and Seventeen point Zero Eight Nine
C.27(b)	36-150	36-150-20	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. Deck slab, operating deck slab, top slab of barrel upto 3.5m height with 60-80mm dia barrack bamboo props	sqm	23.300	1013.582	One Thousand AND Thirteen point Five Eight Two	23616.461	Twenty-Three Thousand Six Hundred and Sixteen point Four Six One
			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						

C.27(c)	36-150	36-150-30	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. Deck slab, operating deck slab, top slab of barrel above 3.5m upto 6.5m height with 50mm dia GI pipe props.	sqm	5.250	1479.619	One Thousand Four Hundred and Seventy-Nine point Six One Nine	7768.000	Seven Thousand Seven Hundred and Sixty-Eight
C.27(d)	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	66.310	808.456	Eight Hundred and Eight point Four Five Six	53608.717	Fifty-Three Thousand Six Hundred and Eight point Seven One Seven
		40	Manufacturing and supplying C.C. Block in leanest mix. 1:3:6, with cement, sand (FM>=1.5) and Stone Chips (40mm down grades), to attain a minimum 28 days cylinder strength of 9.0N/mm2 including grading, washing Stone chips, mixing, levelling in forms				Three Hundred and		Twenty-Seven Lakh Fourteen Thousand Three

C.28(a)	40-140	40-140-50	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	8648.000	313.873	Thirteen point Eight Seven Three	2714373.704	Three Hundred and Seventy-Three point Seven Zero Four
C.28(b)	40-140	40-140-55	Manufacturing and supplying C.C. Block in leanest mix. 1:3:6, with cement, sand (FM>=1.5) and Stone Chips (40mm down grades), to attain a minimum 28 days cylinder strength of 9.0N/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. block size 30cmx30cmx15cm.	each	9099.000	164.261	One Hundred and Sixty-Four point Two Six One	1494610.839	Fourteen Lakh Ninety-Four Thousand Six Hundred and Ten point Eight Three Nine
C.29(a)	40-220	40-220-10	Labour charge for protective works in laying CC Block of different sizes including preparation of base, watering and ramming of base etc. complete as per direction of Engineer in charge. Within 200m	cum	156.360	1288.171	One Thousand Two Hundred and Eighty-Eight point One Seven One	201418.418	Two Lakh One Thousand Four Hundred and Eighteen point Four One Eight
C.29(b)	40-220	40-220-20	Labour charge for protective works in laying CC Block of different sizes including preparation of base, watering and ramming of base etc. complete as per direction of Engineer in charge. Beyond 200 m.	cum	156.360	2294.166	Two Thousand Two Hundred and Ninety-Four point One Six Six	358715.796	Three Lakh Fifty-Eight Thousand Seven Hundred and Fifteen point Seven Nine Six
			"Supplying and placing non-woven						

C.30	40-600	40-600-40	<p>needle punched type geotextile fabric as filter materials of elongation at maximum force machine direction (MD) <math>\geq 60\%</math> and <math>\leq 100\%</math>, elongation at maximum force (CMD) <math>\geq 40\%</math> and <math>\leq 100\%</math>, horizontal and vertical permeability (under 2 <math>\text{kn/m}^2</math> pressure) <math>\geq 2 \times 10^{-3}</math> m/sec. for effective erosion protection in hydraulic structures/river training works including local handling, placing in position, providing machine seamed joints (with 100% polypropeline or nylon thread) or 35cm lap in dry condition or minimum 100cm lap under water including protecting the geotextile material from UV ray and from any other damages including supply of all materials, labours, equipments etc. complete as per direction of Engineer in charge. (Geotextile delivered at site should be certified by ISO and clearly labelled with brand name and grade printed at regular intervals accross the body of the fabric)."</p> <p>"Mass <math>\geq 400 \text{ gm/m}^2</math>, thickness(Under 2 kpa pressure) <math>\geq 3.00\text{mm}</math>, EoS <math>\leq 0.08\text{mm}</math>, strip tensile strength <math>\geq 23\text{kn/m}</math>, grab strength <math>\geq 1500\text{N}</math>, CBR puncture resistance <math>\geq 3800\text{N}</math>."</p>	sqm	2048.000	222.838	Two Hundred and Twenty-Two point Eight Three Eight	456372.224	Four Lakh Fifty-Six Thousand Three Hundred and Seventy-Two point Two Two Four
							<b>Grand Total:</b>	11946891.725	One Crore Nineteen Lakh Forty-Six Thousand Eight Hundred



