

Individual Report

Tender/Proposal Detail			
Tender/Proposal ID :	121838	Invitation Reference No. :	510 date- 20/09/17
Closing Date and Time :	09-Nov-2017 14:00	Opening Date and Time :	09-Nov-2017 14:00
Procuring Entity :	Habiganj O&M Division		
Brief :	Re-excavation of Khal(New)-24.619 km River(New)-15.54 Km and Rehabilitation of existing regulator 1 no at Mokhar Haor in C/W Haor Flood Management and Livelihood Improvement Project BWDB Part in Upazila- Baniyachong & Nabiganj District- Habiganj under Habiganj O&M Division BWDB Habiganj during the year 2017-18 & 2018-19.		

Package No	Package Description
BWDB/Hobi/HFMLIP/PW-07	Re-excavation of KhalNew-24.619 km RiverNew-15.54 Km and Rehabilitation of existing regulator 1 no at Mokhar Haor in C/W Haor Flood Management and Livelihood Improvement Project BWDB Part in Upazila- Baniyachong & Nabiganj District- Habiganj under Habiganj O&M Division BWDB Habiganj during the year 2017-18 & 2018-19. Package No-BWDB/Hobi/HFMLIP/PW-07

DAWN-MAMCL JV (JVCA)									
BoQ-1(Civil Work)									
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)
1	Analysed	Analysed	Provide Weighing scales, digital camera & operator for taking photographs and digital video camera & operator for recording/Taking photograph all sequences of works etc for keeping records of the Works by providing following information including transfer to site, complete for the purposes stated in the Technical Specification and Contractor's Method Statement and as per direction of Engineer in charge.	sum	1.000	25000.001	Twenty-Five Thousand point Zero Zero One	25000.001	Twenty-Five Thousand point Zero Zero One
2	16-100	16-100	Erection of bamboo profiles with full bamboo posts and pegs not less than 160mm in dia and coir string etc. complete as per	no	418.000	150.001	One Hundred and Fifty point Zero	62700.418	Sixty-Two Thousand Seven Hundred point

			complete as per direction of Engineer in charge.				Zero One		Four One Eight
3	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 direction of Engineer in charge.	cum	36145.000	125.001	One Hundred and Twenty-Five point Zero Zero One	4518161.145	Forty-Five Lakh Eighteen Thousand One Hundred and Sixty-One point One Four Five
4	12-310	12-310-20	Bailing out of water with all leads and lifts by manual labour or pump, with all arrangements for protection of ring bund and side slopes of foundation pit against erosion or washout etc. complete actual volume of work will be measured by sounding method before starting the work) as per direction of Engineer in charge. By pump	cum	901930.300	4.001	Four point Zero Zero One	3608623.130	Thirty-Six Lakh Eight Thousand Six Hundred and Twenty-Three point One Three
5	16-600	16-600-20	Earth work by Mechanical Excavator (Long Boom) in all kinds of soil in excavation / re-excavation of channel/canal/khal etc. Including disposal of spoil-soil upto 30m away from the point of excavation with rough dressing and levelling etc. complete as per direction of Engineer-in-Charge. Earth work by Mechanical Excavator (Long Boom) in all kinds of soil in excavation/ re-excavation of channel/canal/khal etc. Including	cum	612659.840	125.001	One Hundred and Twenty-Five point Zero Zero One	76583092.660	Seven Crore Sixty-Five Lakh Eighty-Three Thousand AND Ninety-Two point Six Six

			disposal of spoil-soil by dump truck from 30m to 100m from the point of excavation with rough dressing and levelling etc. complete as per direction of Engineer-in-charge.						
6	16-240	16-240	Earth work in 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 part from the bank) as per direction of Engineer in charge.	cum	36145.000	120.001	One Hundred and Twenty point Zero One	4337436.145	Forty-Three Lakh Thirty-Seven Thousand Four Hundred and Thirty-Six point One Four Five
7	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	289.400	200.001	Two Hundred point Zero One	57880.289	Fifty-Seven Thousand Eight Hundred and Eighty point Two Eight Nine
8	40-140	40-140-50	Manufacturing and supplying C.C. blocks in leanest mix. 1:3:6, with cement, sand (FM \geq 1.5) and Stone Chips (40mm down graded), to attain a minimum 28 days cylinder strength of 9.0 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	each	1249.000	350.001	Three Hundred and Fifty point Zero One	437151.249	Four Lakh Thirty-Seven Thousand One Hundred and Fifty-One point Two Four Nine

			Engineer in charge. Block Size 30cmx30cmx30cm						
9	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. Beyond 200 m	cum	33.720	1800.001	One Thousand Eight Hundred point Zero One	60696.034	Sixty Thousand Six Hundred and Ninety-Six point Zero Three Four
10	72-540	72-540	Epoxy paint 2 coats of approved colour and specification over a priming coat to gate, hoisting device and embedded metal parts including scraping out rust and old paint with chisel, scraper, steel wire brush & emery paper etc. complete in all respect including the cost of all materials as per direction of Engineer in charge.	sqm	25.740	350.001	Three Hundred and Fifty point Zero One	9009.026	Nine Thousand AND Nine point Zero Two Six
11	72-550	72-550	Greasing different types of gear box of hoisting system with best quality grease including deassemble of the gear box, cleaning old grease, removing sticky materials by scraper, chisel, steel wire brush, emery cloth, diesel/kerosine and assembling the same in original level, line, grade etc. complete including the cost of all materials as per direction of Engineer in charge.	each	2.000	35000.001	Thirty-Five Thousand point Zero One	70000.002	Seventy Thousand point Zero Zero Two
12	76-190	76-190	Manufacturing, supplying and Installation of Padestal type lifting device for slide gate with 63mm dia threaded steel shaft, 146mm outer dia bronze nut, thrust bearing, steel bevel gear etc. as per approved design including supply of all components, labours with a prime	each	2.000	80000.001	Eighty Thousand point Zero One	160000.002	One Lakh Sixty Thousand point Zero Zero Two

			coat of redoxide where necessary etc. complete including the cost of all materials as per specification and direction of Engineer in charge.						
13	76-240	76-240-40	Manufacturing & Supplying of M.S. Vertical Lift Gate shutter of 8mm thick M.S. skin plate and stiffener with minimum 75mmx75mmx10mm M.S. angle as frame, horizontal & vertical beam, 75mmx25mmx12mm P-type rubber seal, fixed with 10mm dia x 63.5mm M.S. counter shank bolts with nuts and 40mmx10mm M.S. strip as clamp drilled spaces @ 150mm c/c, stem attachment with proper thread, nut, cotter pin and washer as per approved design including the cost of all materials of proper grade & brand new with a prime coat of redoxide where necessary as per specification and direction of Engineer in charge Size 1.95m x 1.65m	each	2.000	90000.001	Ninety Thousand point Zero Zero One	180000.002	One Lakh Eighty Thousand point Zero Zero Two
14	76-260	76-260-10	Labour charge for fitting and fixing of M.S. vertical lift gate/ flap gate shutters of different size including making holes in concrete for hooking arrangements with supply of necessary materials, tools and other accessories required for fitting the same to regulator/sluice and mending the damages with CC (1:2:4), removing the spoils etc. complete including the cost of all materials as per direction of Engineer in charge. Size 1.95m x 1.35m	each	2.000	10000.001	Ten Thousand point Zero Zero One	20000.002	Twenty Thousand point Zero Zero Two

15	76-270	76-270-10	Labour charge for removal of M.S.Gates and Hoists from all types of structures with all leads and lifts including hire charge of boat, chain pulley, bamboo, ropes etc. and refixing the same in original level, line and grade after painting (excluding the cost of painting) as per direction of Engineer in charge size: 1.95 m x 1.65 m	each	2.000	10000.001	Ten Thousand point Zero Zero One	20000.002	Twenty Thousand point Zero Zero Two
16	76-610	76-610-20	Removal of old rubber seal and supplying, fitting, fixing new P-type rubber seal in vertical lift gate/flap gate including making necessary holes, replacing all damaged nuts & bolts and clamp bars etc. complete including the cost of all materials as per direction of Engineer in charge. Size : Width = 100mm, Thickness = 16mm and Bulb dia = 45mm	m	11.100	5000.001	Five Thousand point Zero Zero One	55500.011	Fifty-Five Thousand Five Hundred point Zero One One
							Grand Total:	90205250.118	Nine Crore Two Lakh Five Thousand Two Hundred and Fifty point One One Eight

This BoQ-1(Civil Work) is Electronically Signed by Mr. Md. on behalf of DAWN-MAMCL JV

MS-RE JV (JVCA)									
BoQ-1(Civil Work)									
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)
			Provide Weighing scales, digital camera & operator						

1	Analysed	Analysed	for taking photographs and digital video camera & operator for recording/Taking photograph all sequences of works etc for keeping records of the Works by providing following information including transfer to site, complete for the purposes stated in the Technical Specification and Contractor's Method Statement and as per direction of Engineer in charge.	sum	1.000	129076.201	One Lakh Twenty-Nine Thousand AND Seventy-Six point Two Zero One	129076.201	One Lakh Twenty-Nine Thousand AND Seventy-Six point Two Zero One
2	16-100	16-100	Erection of bamboo profiles with full bamboo posts and pegs not less than 160mm in dia and coir string etc. complete as per direction of Engineer in charge.	no	418.000	293.371	Two Hundred and Ninety-Three point Three Seven One	122629.078	One Lakh Twenty-Two Thousand Six Hundred and Twenty-Nine point Zero Seven Eight
3	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 direction of Engineer in charge.	cum	36145.000	147.201	One Hundred and Forty-Seven point Two Zero One	5320580.145	Fifty-Three Lakh Twenty Thousand Five Hundred and Eighty point One Four Five
4	12-310	12-310-20	Bailing out of water with all leads and lifts by manual labour or pump, with all arrangements for protection of ring bund and side slopes of foundation pit against erosion or washout etc. complete actual	cum	901930.300	6.591	Six point Five Nine One	5944622.607	Fifty-Nine Lakh Forty-Four Thousand Six Hundred and

			volume of work will be measured by sounding method before starting the work) as per direction of Engineer in charge. By pump						and Twenty-Two point Six Zero Seven
5	16-600	16-600-20	Earth work by Mechanical Excavator (Long Boom) in all kinds of soil in excavation / re-excavation of channel/canal/khal etc. Including disposal of spoil-soil upto 30m away from the point of excavation with rough dressing and levelling etc. complete as per direction of Engineer-in-Charge. Earth work by Mechanical Excavator (Long Boom) in all kinds of soil in excavation/ re-excavation of channel/canal/khal etc. Including disposal of spoil-soil by dump truck from 30m to 100m from the point of excavation with rough dressing and levelling etc. complete as per direction of Engineer-in-charge.	cum	612659.840	137.271	One Hundred and Thirty-Seven point Two Seven One	84100428.897	Eight Crore Forty-One Lakh Four Hundred and Twenty-Eight point Eight Nine Seven
6	16-240	16-240	Earth work in 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 part from the bank) as per direction of Engineer in charge.	cum	36145.000	147.271	One Hundred and Forty-Seven point Two Seven One	5323110.295	Fifty-Three Lakh Twenty-Three Thousand One Hundred and Ten point Two Nine Five
7	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	cum	289.400	263.311	Two Hundred and Sixty-Three point Three	76202.203	Seventy-Six Thousand Two Hundred and Two point Two Zero

			before execution of the work regarding necessity and quantity of work) as per direction of Engineer in charge.				One One		Zero Three
8	40-140	40-140-50	Manufacturing and supplying C.C. blocks in leanest mix. 1:3:6, with cement, sand (FM>=1.5) and Stone Chips (40mm down graded), to attain a minimum 28 days cylinder strength of 9.0 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	1249.000	284.921	Two Hundred and Eighty-Four point Nine Two One	355866.329	Three Lakh Fifty-Five Thousand Eight Hundred and Sixty-Six point Three Two Nine
9	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. Beyond 200 m	cum	33.720	2090.391	Two Thousand AND Ninety point Three Nine One	70487.985	Seventy Thousand Four Hundred and Eighty-Seven point Nine Eight Five
10	72-540	72-540	Epoxy paint 2 coats of approved colour and specification over a priming coat to gate, hoisting device and embedded metal parts including scraping out rust and old paint with chisel, scraper, steel wire brush & emery paper etc. complete in all respect including the cost of all materials as per direction of Engineer in charge.	sqm	25.740	404.201	Four Hundred and Four point Two Zero One	10404.134	Ten Thousand Four Hundred and Four point One Three Four
			Greasing different types of gear box of hoisting system with best quality grease						

11	72-550	72-550	including deassemble of the gear box, cleaning old grease, removing sticky materials by scraper, chisel, steel wire brush, emery cloth, diesel/kerosine and assembling the same in original level, line, grade etc. complete including the cost of all materials as per direction of Engineer in charge.	each	2.000	1414.041	One Thousand Four Hundred and Fourteen point Zero Four One	2828.082	Two Thousand Eight Hundred and Twenty-Eight point Zero Eight Two
12	76-190	76-190	Manufacturing, supplying and Installation of Padestal type lifting device for slide gate with 63mm dia threaded steel shaft, 146mm outer dia bronze nut, thrust bearing, steel bevel gear etc. as per approved design including supply of all components, labours with a prime coat of redoxide where necessary etc. complete including the cost of all materials as per specification and direction of Engineer in charge.	each	2.000	89556.791	Eighty-Nine Thousand Five Hundred and Fifty-Six point Seven Nine One	179113.582	One Lakh Seventy-Nine Thousand One Hundred and Thirteen point Five Eight Two
13	76-240	76-240-40	Manufacturing & Supplying of M.S. Vertical Lift Gate shutter of 8mm thick M.S. skin plate and stiffener with minimum 75mmx75mmx10mm M.S. angle as frame, horizontal & vertical beam, 75mmx25mmx12mm P-type rubber seal, fixed with 10mm dia x 63.5mm M.S. counter shank bolts with nuts and 40mmx10mm M.S. strip as clamp drilled spaces @ 150mm c/c, stem attachment with proper thread, nut, cotter pin and washer as per approved design including the cost of all materials of proper grade &	each	2.000	96866.151	Ninety-Six Thousand Eight Hundred and Sixty-Six point One Five One	193732.302	One Lakh Ninety-Three Thousand Seven Hundred and Thirty-Two point Three Zero Two

			brand new with a prime coat of redoxide where necessary as per specification and direction of Engineer in charge Size 1.95m x 1.65m						
14	76-260	76-260-10	Labour charge for fitting and fixing of M.S. vertical lift gate/ flap gate shutters of different size including making holes in concrete for hooking arrangements with supply of necessary materials, tools and other accessories required for fitting the same to regulator/sluice and mending the damages with CC (1:2:4), removing the spoils etc. complete including the cost of all materials as per direction of Engineer in charge. Size 1.95m x 1.35m	each	2.000	9100.071	Nine Thousand One Hundred point Zero Seven One	18200.142	Eighteen Thousand Two Hundred point One Four Two
15	76-270	76-270-10	Labour charge for removal of M.S.Gates and Hoists from all types of structures with all leads and lifts including hire charge of boat, chain pulley, bamboo, ropes etc. and refixing the same in original level, line and grade after painting (excluding the cost of painting) as per direction of Engineer in charge size: 1.95 m x 1.65 m	each	2.000	2064.549	Two Thousand AND Sixty-Four point Five Four Nine	4129.098	Four Thousand One Hundred and Twenty-Nine point Zero Nine Eight
16	76-610	76-610-20	Removal of old rubber seal and supplying, fitting, fixing new P-type rubber seal in vertical lift gate/flap gate including making necessary holes, replacing all damaged nuts & bolts and clamp bars etc. complete including the cost of all materials as per direction of Engineer in charge. Size : Width =	m	11.100	1249.763	One Thousand Two Hundred and Forty-Nine point Seven Six Three	13872.369	Thirteen Thousand Eight Hundred and Seventy-Two point Three Six Nine

			100mm, Thickness = 16mm and Bulb dia = 45mm						
							Grand Total:	101865283.449	Ten Crore Eighteen Lakh Sixty- Five Thousand Two Hundred and Eighty- Three point Four Four Nine

This BoQ-1(Civil Work) is Electronically Signed by Mr. Md on behalf of MS-RE JV

S.A.Engineering JV. (JVCA)									
BoQ-1(Civil Work)									
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)
1	Analysed	Analysed	Provide Weighing scales, digital camera & operator for taking photographs and digital video camera & operator for recording/Taking photograph all sequences of works etc for keeping records of the Works by providing following information including transfer to site, complete for the purposes stated in the Technical Specification and Contractor's Method Statement and as per direction of Engineer in charge.	sum	1.000	120974.686	One Lakh Twenty Thousand Nine Hundred and Seventy-Four point Six Eight Six	120974.686	One Lakh Twenty Thousand Nine Hundred and Seventy-Four point Six Eight Six
2	16-100	16-100	Erection of bamboo profiles with full bamboo posts and pegs not less than 160mm in dia and coir string etc. complete as per direction of Engineer in charge.	no	418.000	290.001	Two Hundred and Ninety point Zero Zero One	121220.418	One Lakh Twenty-One Thousand Two Hundred and Twenty point Four One Eight
			Earth work by						

3	16-220	16-220	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 direction of Engineer in charge.	cum	36145.000	85.001	Eighty-Five point Zero Zero One	3072361.145	Thirty Lakh Seventy-Two Thousand Three Hundred and Sixty-One point One Four Five
4	12-310	12-310-20	Bailing out of water with all leads and lifts by manual labour or pump, with all arrangements for protection of ring bund and side slopes of foundation pit against erosion or washout etc. complete actual volume of work will be measured by sounding method before starting the work) as per direction of Engineer in charge. By pump	cum	901930.300	3.501	Three point Five Zero One	3157657.980	Thirty-One Lakh Fifty-Seven Thousand Six Hundred and Fifty-Seven point Nine Eight
5	16-600	16-600-20	Earth work by Mechanical Excavator (Long Boom) in all kinds of soil in excavation / re-excavation of channel/canal/khal etc. Including disposal of spoil-soil upto 30m away from the point of excavation with rough dressing and levelling etc. complete as per direction of Engineer-in-Charge. Earth work by Mechanical Excavator (Long Boom) in all kinds of soil in excavation/ re-excavation of channel/canal/khal etc. Including disposal of spoil-soil by dump truck from 30m to 100m from the point of	cum	612659.840	132.958	One Hundred and Thirty-Two point Nine Five Eight	81458027.007	Eight Crore Fourteen Lakh Fifty-Eight Thousand AND Twenty-Seven point Zero Zero Seven

			excavation with rough dressing and levelling etc. complete as per direction of Engineer-in-charge.						
6	16-240	16-240	Earth work in 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 part from the bank) as per direction of Engineer in charge.	cum	36145.000	85.001	Eighty-Five point Zero Zero One	3072361.145	Thirty Lakh Seventy-Two Thousand Three Hundred and Sixty-One point One Four Five
7	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 quantity of work) as per direction of Engineer in charge.	cum	289.400	250.001	Two Hundred and Fifty point Zero Zero One	72350.289	Seventy-Two Thousand Three Hundred and Fifty point Two Eight Nine
8	40-140	40-140-50	Manufacturing and supplying C.C. blocks in leanest mix. 1:3:6, with cement, sand (FM>=1.5) and Stone Chips (40mm down graded), to attain a minimum 28 days cylinder strength of 9.0 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	1249.000	285.001	Two Hundred and Eighty-Five point Zero Zero One	355966.249	Three Lakh Fifty-Five Thousand Nine Hundred and Sixty-Six point Two Four Nine
			Labour charge for						

9	40-220	40-220-20	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. Beyond 200 m	cum	33.720	2000.001	Two Thousand point Zero Zero One	67440.034	Sixty-Seven Thousand Four Hundred and Forty point Zero Three Four
10	72-540	72-540	Epoxy paint 2 coats of approved colour and specification over a priming coat to gate, hoisting device and embedded metal parts including scraping out rust and old paint with chisel, scraper, steel wire brush & emery paper etc. complete in all respect including the cost of all materials as per direction of Engineer in charge.	sqm	25.740	380.001	Three Hundred and Eighty point Zero Zero One	9781.226	Nine Thousand Seven Hundred and Eighty-One point Two Two Six
11	72-550	72-550	Greasing different types of gear box of hoisting system with best quality grease including deassemble of the gear box, cleaning old grease, removing sticky materials by scraper, chisel, steel wire brush, emery cloth, diesel/kerosine and assembling the same in original level, line, grade etc. complete including the cost of all materials as per direction of Engineer in charge.	each	2.000	1400.001	One Thousand Four Hundred point Zero Zero One	2800.002	Two Thousand Eight Hundred point Zero Zero Two
12	76-190	76-190	Manufacturing, supplying and Installation of Padestal type lifting device for slide gate with 63mm dia threaded steel shaft, 146mm outer dia bronze nut, thrust bearing, steel bevel gear etc. as per approved design including supply of all components, labours with a prime coat of redoxide where necessary etc. complete including the cost of	each	2.000	80000.001	Eighty Thousand point Zero Zero One	160000.002	One Lakh Sixty Thousand point Zero Zero Two

			all materials as per specification and direction of Engineer in charge.						
13	76-240	76-240-40	Manufacturing & Supplying of M.S. Vertical Lift Gate shutter of 8mm thick M.S. skin plate and stiffener with minimum 75mmx75mmx10mm M.S. angle as frame, horizontal & vertical beam, 75mmx25mmx12mm P-type rubber seal, fixed with 10mm dia x 63.5mm M.S. counter shank bolts with nuts and 40mmx10mm M.S. strip as clamp drilled spaces @ 150mm c/c, stem attachment with proper thread, nut, cotter pin and washer as per approved design including the cost of all materials of proper grade & brand new with a prime coat of redoxide where necessary as per specification and direction of Engineer in charge Size 1.95m x 1.65m	each	2.000	85000.001	Eighty-Five Thousand point Zero Zero One	170000.002	One Lakh Seventy Thousand point Zero Zero Two
14	76-260	76-260-10	Labour charge for fitting and fixing of M.S. vertical lift gate/ flap gate shutters of different size including making holes in concrete for hooking arrangements with supply of necessary materials, tools and other accessories required for fitting the same to regulator/sluiice and mending the damages with CC (1:2:4), removing the spoils etc. complete including the cost of all materials as per direction of Engineer in charge. Size 1.95m x 1.35m	each	2.000	8500.001	Eight Thousand Five Hundred point Zero Zero One	17000.002	Seventeen Thousand point Zero Zero Two
			Labour charge for removal of M.S.Gates and						

15	76-270	76-270-10	Hoists from all types of structures with all leads and lifts including hire charge of boat, chain pulley, bamboo, ropes etc. and refixing the same in original level, line and grade after painting (excluding the cost of painting) as per direction of Engineer in charge size: 1.95 m x 1.65 m	each	2.000	2000.001	Two Thousand point Zero Zero One	4000.002	Four Thousand point Zero Zero Two
16	76-610	76-610-20	Removal of old rubber seal and supplying, fitting, fixing new P-type rubber seal in vertical lift gate/flap gate including making necessary holes, replacing all damaged nuts & bolts and clamp bars etc. complete including the cost of all materials as per direction of Engineer in charge. Size : Width = 100mm, Thickness = 16mm and Bulb dia = 45mm	m	11.100	1250.001	One Thousand Two Hundred and Fifty point Zero Zero One	13875.011	Thirteen Thousand Eight Hundred and Seventy-Five point Zero One One
							Grand Total:	91875815.200	Nine Crore Eighteen Lakh Seventy-Five Thousand Eight Hundred and Fifteen point Two

This BoQ-1(Civil Work) is Electronically Signed by Mr. Md. on behalf of S.A.Engineering JV.

Tazul-Noona JV (JVCA)									
BoQ-1(Civil Work)									
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)
			Provide Weighing scales, digital camera & operator for taking photographs and						

1	Analysed	Analysed	digital video camera & operator for recording/Taking photograph all sequences of works etc for keeping records of the Works by providing following information including transfer to site, complete for the purposes stated in the Technical Specification and Contractor's Method Statement and as per direction of Engineer in charge.	sum	1.000	116168.579	One Lakh Sixteen Thousand One Hundred and Sixty-Eight point Five Seven Nine	116168.579	One Lakh Sixteen Thousand One Hundred and Sixty-Eight point Five Seven Nine
2	16-100	16-100	Erection of bamboo profiles with full bamboo posts and pegs not less than 160mm in dia and coir string etc. complete as per direction of Engineer in charge.	no	418.000	264.033	Two Hundred and Sixty-Four point Zero Three Three	110365.794	One Lakh Ten Thousand Three Hundred and Sixty-Five point Seven Nine Four
3	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 direction of Engineer in charge.	cum	36145.000	132.507	One Hundred and Thirty-Two point Five Zero Seven	4789465.515	Forty-Seven Lakh Eighty-Nine Thousand Four Hundred and Sixty-Five point Five One Five
4	12-310	12-310-20	Bailing out of water with all leads and lifts by manual labour or pump, with all arrangements for protection of ring bund and side slopes of foundation pit against erosion or washout etc. complete actual volume of work will be measured by sounding method before starting the work) as per direction of	cum	901930.300	5.931	Five point Nine Three One	5349348.609	Fifty-Three Lakh Forty-Nine Thousand Three Hundred and Forty-Eight point Six Zero Nine

			Engineer in charge. By pump						
5	16-600	16-600-20	Earth work by Mechanical Excavator (Long Boom) in all kinds of soil in excavation / re-excavation of channel/canal/khal etc. Including disposal of spoil-soil upto 30m away from the point of excavation with rough dressing and levelling etc. complete as per direction of Engineer-in-Charge. Earth work by Mechanical Excavator (Long Boom) in all kinds of soil in excavation/ re-excavation of channel/canal/khal etc. Including disposal of spoil-soil by dump truck from 30m to 100m from the point of excavation with rough dressing and levelling etc. complete as per direction of Engineer-in-charge.	cum	612659.840	123.543	One Hundred and Twenty-Three point Five Four Three	75689834.613	Seven Crore Fifty-Six Lakh Eighty-Nine Thousand Eight Hundred and Thirty-Four point Six One Three
6	16-240	16-240	Earth work in 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 part from the bank) as per direction of Engineer in charge.	cum	36145.000	132.543	One Hundred and Thirty-Two point Five Four Three	4790766.735	Forty-Seven Lakh Ninety Thousand Seven Hundred and Sixty-Six point Seven Three Five
7	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	289.400	236.979	Two Hundred and Thirty-Six point Nine Seven Nine	68581.723	Sixty-Eight Thousand Five Hundred and Eighty-One point Seven Two Three

8	40-140	40-140-50	Manufacturing and supplying C.C. blocks in leanest mix. 1:3:6, with cement, sand (FM>=1.5) and Stone Chips (40mm down graded), to attain a minimum 28 days cylinder strength of 9.0 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. Block Size 30cmx30cmx30cm	each	1249.000	256.428	Two Hundred and Fifty-Six point Four Two Eight	320278.572	Three Lakh Twenty Thousand Two Hundred and Seventy-Eight point Five Seven Two
9	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. Beyond 200 m	cum	33.720	1881.351	One Thousand Eight Hundred and Eighty-One point Three Five One	63439.156	Sixty-Three Thousand Four Hundred and Thirty-Nine point One Five Six
10	72-540	72-540	Epoxy paint 2 coats of approved colour and specification over a priming coat to gate, hoisting device and embedded metal parts including scraping out rust and old paint with chisel, scraper, steel wire brush & emery paper etc. complete in all respect including the cost of all materials as per direction of Engineer in charge.	sqm	25.740	363.779	Three Hundred and Sixty-Three point Seven Seven Nine	9363.671	Nine Thousand Three Hundred and Sixty-Three point Six Seven One
			Greasing different types of gear box of hoisting system with best quality grease including deassemble of the gear box, cleaning old grease, removing sticky materials by				One Thousand Two Hundred		Two Thousand Five Hundred

11	72-550	72-550	scraper, chisel, steel wire brush, emery cloth, diesel/kerosine and assembling the same in original level, line, grade etc. complete including the cost of all materials as per direction of Engineer in charge.	each	2.000	1272.636	hundred and Seventy-Two point Six Three Six	2545.272	and Forty-Five point Two Seven Two
12	76-190	76-190	Manufacturing, supplying and Installation of Padestal type lifting device for slide gate with 63mm dia threaded steel shaft, 146mm outer dia bronze nut, thrust bearing, steel bevel gear etc. as per approved design including supply of all components, labours with a prime coat of redoxide where necessary etc. complete including the cost of all materials as per specification and direction of Engineer in charge.	each	2.000	90601.111	Ninety Thousand Six Hundred and One point One One	181202.222	One Lakh Eighty-One Thousand Two Hundred and Two point Two Two
13	76-240	76-240-40	Manufacturing & Supplying of M.S. Vertical Lift Gate shutter of 8mm thick M.S. skin plate and stiffener with minimum 75mmx75mmx10mm M.S. angle as frame, horizontal & vertical beam, 75mmx25mmx12mm P-type rubber seal, fixed with 10mm dia x 63.5mm M.S. counter shank bolts with nuts and 40mmx10mm M.S. strip as clamp drilled spaces @ 150mm c/c, stem attachment with proper thread, nut, cotter pin and washer as per approved design including the cost of all materials of proper grade & brand new with a prime coat of redoxide where necessary as per specification and direction of	each	2.000	87180.462	Eighty-Seven Thousand One Hundred and Eighty point Four Six Two	174360.924	One Lakh Seventy-Four Thousand Three Hundred and Sixty point Nine Two Four

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								Grand Total:	91698779.575	Lakh Ninety- Eight Thousand Seven Hundred and Seventy- Nine point Five Seven Five
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S. No.	Mapped Document Name	File Name	File Size(In Kb)
1	-	Habigonj Rate-121838.pdf	8.46

This BoQ-1(Civil Work) is Electronically Signed by Mr. SM Islam on behalf of Tazul-Noona JV