

Individual Report

Tender/Proposal Detail			
Tender/Proposal ID :	156933	Invitation Reference No. :	T-1/80/1 Date- 22-01-2018
Closing Date and Time :	26-Feb-2018 12:00	Opening Date and Time :	26-Feb-2018 12:00
Procuring Entity :	Netrokona O&M Division		
Brief :	Re-sectioning of full embankment of Kangshs River Scheem in between km 2.46 to km 28.4020.90km in upozilla Netrakona Sador and Purbadhola Re-sectioning of submergible embankment of Singer Beel sub-project scheme from km 11.60 to km 15.163.56km in upozilla Barhatta Total24.46km and Construction of 5 vent 1.80 m x1.50 m Kalihar Regulator of Dampara water Management Scheme at km 6.42 in C/W Haor Flood Management and Livelihood Improvement Project BWDB Part under Netrakona O&M Division during the year 2017-18 & 2018-19. Package No.-BWDB/Netr/HFMLIP/PW-03.		

Package No	Package Description
BWDB/Netr/HFMLIP/PW-03.	Re-sectioning of full embankment of Kangshs River Scheem in between km 2.46 to km 28.4020.90km in upozilla Netrakona Sador and Purbadhola Re-sectioning of submergible embankment of Singer Beel sub-project scheme from km 11.60 to km 15.163.56km in upozilla Barhatta Total24.46km and Construction of 5 vent 1.80 m x1.50 m Kalihar Regulator of Dampara water Management Scheme at km 6.42 in C/W Haor Flood Management and Livelihood Improvement Project BWDB Part under Netrakona O&M Division during the year 2017-18 & 2018-19. Package No.-BWDB/Netr/HFMLIP/PW-03.

ARC-LT (JV) (JVCA)

Bill of Quantities-3

Package No.-BWDB/Netr/HFMLIP/PW-03.

Re-sectioning of full embankment of Kangshs River Scheem in between km 2.46 to km 28.4020.90km in upozilla Netrakona Sador and Purbadhola Re-sectioning of submergible embankment of Singer Beel sub-project scheme from km 11.60 to km 15.163.56km in upozilla Barhatta Total24.46km and Construction of 5 vent 1.80 m x1.50 m Kalihar Regulator of Dampara water Management Scheme at km 6.42 in C/W Haor Flood Management and Livelihood Improvement Project BWDB Part under Netrakona O&M Division during the year 2017-18 & 2018-19.

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)
			Epoxy paint 2 coats of approved colour and specification over a priming						

22	22	72-540	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 respects including the cost of all materials as per direction of Engineer in charge.	sqm	205.480	500.001	Five Hundred point Zero One	102740.205	One Lakh Two Thousand Seven Hundred and Forty point Two Zero Five
23	23	44-310	Supplying and placing 20mm thick hessian cloth impregnated with bitumen in expansion joints or on top of sheet piles as per specification and direction of Engineer in charge.	sqm	171.360	600.001	Six Hundred point Zero One	102816.171	One Lakh Two Thousand Eight Hundred and Sixteen point One Seven One
24	24	44-220	Supplying and laying single layer polythene sheet in floor below cement concrete, RCC slab, on walls etc. complete in all respect as per direction of Engineer in charge. 44-220-10: Weighing minimum 1.0 kg. per 6.50 sqm.	sqm	522.450	30.001	Thirty point Zero One	15674.022	Fifteen Thousand Six Hundred and Seventy-Four point Zero Two Two
25	25	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, consolidation to levels, curing,	cum	53.630	12000.001	Twelve Thousand point Zero One	643560.054	Six Lakh Forty-Three Thousand Five Hundred and Sixty

			including supply of all materials, excluding the cost of formworks etc. complete as per direction of Engineer in charge. 28-120-20: With 25mm down graded stone chips						point Zero Five Four
26	26	28-100	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. 28-100-20: With 25mm down graded picked jhama or 1st class brick chips.	cum	1.784	11000.001	Eleven Thousand point Zero Zero One	19624.002	Nineteen Thousand Six Hundred and Twenty-Four point Zero Zero Two
27	27	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 and washing aggregates with	cum	612.413	15800.001	Fifteen Thousand Eight Hundred point	9676126.012	Ninety-Six Lakh Seventy-Six Thousand One Hundred

			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. 28-200-10: With stone chips.				point Zero Zero One		and Twenty- Six point Zero One Two
28	28	76-120	M.S. Work for reinforcement with twisted 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 twisted 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	67238.640	88.001	Eighty- Eight point Zero Zero One	5917067.559	Fifty-Nine Lakh Seventeen Thousand AND Sixty- Seven point Five Five Nine
			Form work for centering and 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						Two Lakh

29	29	36-150	including fitting, fixing of steel forms with necessary ties, battens, struts, nuts & bolts, props etc. as per designed 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. (A) 36-150-60: Footing, footing beams, girder beams, foundation slab with 60-80mm diabarrack bamboo props.	sqm	282.361	1000.001	One Thousand point Zero Zero One	282361.282	Two Lakh Eighty-Two Thousand Three Hundred and Sixty-One point Two Eight Two
29	29	36-150-10	(B) 36-150-10: Vertical and inclined walls, columns, piers with 60-80mm dia barrack bamboo props.	sqm	1477.100	1200.001	One Thousand Two Hundred point Zero Zero One	1772521.477	Seventeen Lakh Seventy-Two Thousand Five Hundred and Twenty-One point Four Seven Seven
29	29	36-150-20	(C) 36-150-20: Deck slab, operating deck slab, top slab of barrel upto 3.5m of height with 60-80mm dia barrack bamboo props.	sqm	68.650	1100.001	One Thousand One Hundred point Zero Zero One	75515.069	Seventy-Five Thousand Five Hundred and Fifteen point Zero Six Nine
30	30	76-630	Supply and fitting and fixing 23cm wide P.V.C water stops having minimum strength of 13.80N /mm2 at 225% elongation and of approved quality in antraction and expansion joints with necessary arrangements	m	45.900	1800.001	One Thousand Eight Hundred point	82620.046	Eighty-Two Thousand Six Hundred and

			for modification in shuttering and keeping the water stop in position etc. complete as per design, specification and direction of Engineer in charge. 76-630-10: 3 bulb type.				Zero Zero One		Twenty point Zero Four Six
							Grand Total:	18690625.899	One Crore Eighty-Six Lakh Ninety Thousand Six Hundred and Twenty- Five point Eight Nine Nine

Bill of Quantities-3

Package No.-BWDB/Netr/HFMLIP/PW-03.

This Bill of Quantities-3 is Electronically Signed by Mr. F.M on behalf of ARC-LT (JV)

Mohammed Eunus & Brothers (Pvt.) Ltd.									
Bill of Quantities-3									
Package No.-BWDB/Netr/HFMLIP/PW-03.									
<p>Re-sectioning of full embankment of Kangshs River Scheem in between km 2.46 to km 28.4020.90km in upozilla Netrakona Sador and Purbadhola Re-sectioning of submergible embankment of Singer Beel sub-project scheme from km 11.60 to km 15.163.56km in upozilla Barhatta Total 24.46km and Construction of 5 vent 1.80 m x 1.50 m Kalihar Regulator of Dampara water Management Scheme at km 6.42 in C/W Haor Flood Management and Livelihood Improvement Project BWDB Part under Netrakona O&M Division during the year 2017-18 & 2018-19.</p>									

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)
			Epoxy paint 2 coats of approved colour and specification						

22	22	72-540	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 respects including the cost of all materials as per direction of Engineer in charge.	sqm	205.480	384.071	Three Hundred and Eighty-Four point Zero Seven One	78918.909	Seventy-Eight Thousand Nine Hundred and Eighteen point Nine Zero Nine
23	23	44-310	Supplying and placing 20mm thick hessian cloth impregnated with bitumen in expansion joints or on top of sheet piles as per specification and direction of Engineer in charge.	sqm	171.360	446.691	Four Hundred and Forty-Six point Six Nine One	76544.970	Seventy-Six Thousand Five Hundred and Forty-Four point Nine Seven
24	24	44-220	Supplying and laying single layer polythene sheet in floor below cement concrete, RCC slab, on walls etc. complete in all respect as per direction of Engineer in charge. 44-220-10: Weighing minimum 1.0 kg. per 6.50 sqm.	sqm	522.450	31.371	Thirty-One point Three Seven One	16389.779	Sixteen Thousand Three Hundred and Eighty-Nine point Seven Seven Nine
25	25	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, consolidation to	cum	53.630	11330.671	Eleven Thousand Three Hundred and Thirty	607663.886	Six Lakh Seven Thousand Six Hundred and Sixty-

			levels, curing, including supply of all materials, excluding the cost of formworks etc. complete as per direction of Engineer in charge. 28-120-20: With 25mm down graded stone chips				point Six Seven One		Three point Eight Six
26	26	28-100	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. 28-100-20: With 25mm down graded picked jhama or 1st class brick chips.	cum	1.784	10950.371	Ten Thousand Nine Hundred and Fifty point Three Seven One	19535.462	Nineteen Thousand Five Hundred and Thirty-Five point Four Six Two
27	27	28-	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 and washing	cum	612.412	12705.691	Twelve Thousand Seven Hundred and	7926241.389	Seventy-Eight Lakh Thirty-Six Thousand Two Hundred

27	27	200	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. 28-200-10: With stone chips.	Cum	012.413	12795.001	Ninety-Five point Six Eight One	7630241.300	Hundred and Forty-One point Three Eight Eight
28	28	76-120	M.S. Work for reinforcement with twisted 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 twisted 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	67238.640	82.001	Eighty-Two point Zero Zero One	5513635.719	Fifty-Five Lakh Thirteen Thousand Six Hundred and Thirty-Five point Seven One Nine
			Form work for centering and 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						Two

29	29	36-150	the forms including fitting, fixing of steel forms with necessary ties, battens, struts, nuts & bolts, props etc. as per designed 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. (A) 36-150-60: Footing, footing beams, girder beams, foundation slab with 60-80mm diabarrack bamboo props.	sqm	282.361	795.581	Seven Hundred and Ninety-Five point Five Eight One	224641.047	Lakh Twenty-Four Thousand Six Hundred and Forty-One point Zero Four Seven
29	29	36-150-10	(B) 36-150-10: Vertical and inclined walls, columns, piers with 60-80mm dia barrack bamboo props.	sqm	1477.100	900.001	Nine Hundred point Zero Zero One	1329391.477	Thirteen Lakh Twenty-Nine Thousand Three Hundred and Ninety-One point Four Seven Seven
29	29	36-150-20	(C) 36-150-20: Deck slab, operating deck slab, top slab of barrel upto 3.5m of height with 60-80mm dia barrack bamboo props.	sqm	68.650	994.841	Nine Hundred and Ninety-Four point Eight Four One	68295.835	Sixty-Eight Thousand Two Hundred and Ninety-Five point Eight Three Five
			Supply and fitting and fixing 23cm wide P.V.C water stops having minimum strength of 13.80N /mm ² at 225% elongation and of approved quality in antraction and				One Thousand One		Fifty-Two Thousand Five

30	30	76-630	expansion joints with necessary arrangements for modification in shuttering and keeping the water stop in position etc. complete as per design, specification and direction of Engineer in charge. 76-630-10: 3 bulb type.	m	45.900	1145.851	Hundred and Forty-Five point Eight Five One	52594.561	Hundred and Ninety-Four point Five Six One
							Grand Total:	15823853.033	One Crore Fifty-Eight Lakh Twenty-Three Thousand Eight Hundred and Fifty-Three point Zero Three Three

Bill of Quantities-3

Package No.-BWDB/Netr/HFMLIP/PW-03.

This Bill of Quantities-3 is Electronically Signed by Mr. Mohammed Eunos on behalf of Mohammed Eunos & Brothers (Pvt.) Ltd.

**Western Engineering (Pvt.) Ltd.-M/S. BHAWAL CONSTRUCTION-Joint Venture
(JVCA)**

Bill of Quantities-3

Package No.-BWDB/Netr/HFMLIP/PW-03.

Re-sectioning of full embankment of Kangshs River Scheem in between km 2.46 to km 28.4020.90km in upozilla Netrakona Sador and Purbadhola Re-sectioning of submergible embankment of Singer Beel sub-project scheme from km 11.60 to km 15.163.56km in upozilla Barhatta Total 24.46km and Construction of 5 vent 1.80 m x 1.50 m Kalihar Regulator of Dampara water Management Scheme at km 6.42 in C/W Haor Flood Management and Livelihood Improvement Project BWDB Part under Netrakona O&M Division during the year 2017-18 & 2018-19.

Bill of Quantities

							Unit		Total
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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)
22	22	72-540	Epoxy paint 2 coats of approved colour and specification over a priming coat to gate, hoisting device and embedded metal parts includingscraping out rust and old paint with chisel, scraper, steel wire brush & emery paper etc. complete in all respects including the cost of all materials as per direction of Engineer in charge.	sqm	205.480	345.663	Three Hundred and Forty-Five point Six Six Three	71026.833	Seventy-One Thousand AND Twenty-Six point Eight Three Three
23	23	44-310	Supplying and placing 20mm thick hessian cloth impregnated with bitumen in expansion joints or on top of sheet piles as per specification and direction of Engineer in charge.	sqm	171.360	402.021	Four Hundred and Two point Zero Two One	68890.319	Sixty-Eight Thousand Eight Hundred and Ninety point Three One Nine
24	24	44-220	Supplying and laying single layer polythene sheet in floor below cement concrete, RCC slab, on walls etc. complete in all respect as per direction of Engineer in charge. 44-220-10: Weighing minimum 1.0 kg. per 6.50 sqm.	sqm	522.450	28.233	Twenty-Eight point Two Three Three	14750.331	Fourteen Thousand Seven Hundred and Fifty point Three Three One
			Cement concrete work in leanest mix. 1:3:6 with sand of FM>= 1.5, in foundation or						

25	25	28-120	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. 28-120-20: With 25mm down graded stone chips	cum	53.630	10197.603	Ten Thousand One Hundred and Ninety-Seven point Six Zero Three	546897.449	Five Lakh Forty-Six Thousand Eight Hundred and Ninety-Seven point Four Four Nine
26	26	28-100	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 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. 28-100-20: With 25mm down graded picked jhama or 1st class brick chips.	cum	1.784	9855.333	Nine Thousand Eight Hundred and Fifty-Five point Three Three Three	17581.914	Seventeen Thousand Five Hundred and Eighty-One point Nine One Four
			Reinforced Cement Concrete Work in leanest mix. 1:1.5:3, with 20mm down graded coarse aggregates and sand of FM \geq						

27	27	28-200	2.0 to FM >= 2.5, to attain a minimum 28 day cylinder strength of 22.0 N/mm ² , including breaking, screening, grading and 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. 28-200-10: With stone chips.	cum	612.413	12097.713	Twelve Thousand AND Ninety-Seven point Seven One Three	7408796.711	Seventy-Four Lakh Eight Thousand Seven Hundred and Ninety-Six point Seven One One
28	28	76-120	M.S. Work for reinforcement with twisted 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 twisted 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	67238.640	80.757	Eighty point Seven Five Seven	5429990.850	Fifty-Four Lakh Twenty-Nine Thousand Nine Hundred and Ninety point Eight Five
			Form work for centering and water tight shuttering as per drawing with 14 BWG M.S.						

29	29	36-150	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 designed 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. (A) 36-150-60: Footing, footing beams, girder beams, foundation slab with 60-80mm diabarrack bamboo props.	sqm	282.361	716.022	Seven Hundred and Sixteen point Zero Two Two	202176.688	Two Lakh Two Thousand One Hundred and Seventy-Six point Six Eight Eight
29	29	36-150-10	(B) 36-150-10: Vertical and inclined walls, columns, piers with 60-80mm dia barrack bamboo props.	sqm	1477.100	883.953	Eight Hundred and Eighty-Three point Nine Five Three	1305686.976	Thirteen Lakh Five Thousand Six Hundred and Eighty-Six point Nine Seven Six
29	29	36-150-20	(C) 36-150-20: Deck slab, operating deck slab, top slab of barrel upto 3.5m of height with 60-80mm dia barrack bamboo props.	sqm	68.650	895.356	Eight Hundred and Ninety-Five point Three Five Six	61466.189	Sixty-One Thousand Four Hundred and Sixty-Six point One Eight Nine
			Supply and fitting and fixing 23cm wide P.V.C water stops having minimum strength of 13.80N /mm2 at						

30	30	76-630	225% elongation and of approved quality in antraction and expansion joints with necessary arrangements for modification in shuttering and keeping the water stop in position etc. complete as per design, specification anddirection of Engineer in charge. 76-630-10: 3 bulb type.	m	45.900	1031.265	One Thousand AND Thirty-One point Two Six Five	47335.064	Forty-Seven Thousand Three Hundred and Thirty-Five point Zero Six Four
							Grand Total:	15174599.324	One Crore Fifty-One Lakh Seventy-Four Thousand Five Hundred and Ninety-Nine point Three Two Four

Bill of Quantities-3

Package No.-BWDB/Netr/HFMLIP/PW-03.

This Bill of Quantities-3 is Electronically Signed by Mr. FAKHAR on behalf of Western Engineering (Pvt.) Ltd.-M/S. BHAWAL CONSTRUCTION-Joint Venture