

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-2

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)
			Site preparation by manually removing all miscellaneous						

11	11	04-180	objectional materials form entire site and removing soil upto 15cm depth including uprooting stumps, jungle clearing, levelling dressing etc. complete as per direction of Engineer in charge.	sqm	16250.000	15.001	Fifteen point Zero Zero One	243766.250	Two Lakh Forty-Three Thousand Seven Hundred and Sixty-Six point Two Five
12	12	04-620-20	Filling of expansion joints upto a depth of 40mm with bitumen mixed with coarse sand (FM>=2.5) in concrete works including supply of all materials etc. complete as per specification and direction of Engineer in charge. 04-620-20: 20mm wide.	M	48.200	100.001	One Hundred point Zero Zero One	4820.048	Four Thousand Eight Hundred and Twenty point Zero Four Eight
13	13	12-100	Installation of pizeometer including supply of 40mm G.I. pipe, brass strainer, socket, labour, by wash boring, lowering, fixing the elevation and providing cover on the top of the well etc. complete as per direction of Engineer in charge.	Each	6.000	3500.001	Three Thousand Five Hundred point Zero Zero One	21000.006	Twenty-One Thousand point Zero Zero Six
			Earth work in excavation of foundation						

14	14	16-310	trenches in all kinds of soils 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, levelling, dressing, etc. complete as per direction of Engineer in charge. 16-310-10: For moving spoil earth upto a distance of 100m from the centre of the pit.	cum	14653.160	140.001	One Hundred and Forty point Zero One	2051457.053	Twenty Lakh Fifty-One Thousand Four Hundred and Fifty-Seven point Zero Five Three
15	15	16-560	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. 16-560-20: By bamboo post of 6.0m length, 60mm to 80mm dia, 20cm c/c driven 2.0m below ground,	sqm	422.400	750.001	Seven Hundred and Fifty point Zero One	316800.422	Three Lakh Sixteen Thousand Eight Hundred point Four Two Two

			with drum sheet walling and average 70mm dia half split bamboo batten @ 2.0m c/c fixed with nails.						
16	16	12-310	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. 12-310-20: by pump.	cum	137622.470	5.005	Five point Zero Zero Five	688800.462	Six Lakh Eighty-Eight Thousand Eight Hundred point Four Six Two
17	17	44-240	Supplying at site steel sheet piles of different sections including all taxes, freights, incidental charges etc. complete as per direction of Engineer in charge. 44-240-30 : U-shape, hot-rolled steel sheet pile width= 400 mm to 600 mm: height=> 100mm, Th.=> 10.5: wt. p;er sqm of pile wall of pile wall	M ton	24.190	272545.001	Two Lakh Seventy-Two Thousand Five Hundred and Forty-Five point Zero Zero One	6592863.574	Sixty-Five Lakh Ninety-Two Thousand Eight Hundred and Sixty-Three point Five Seven Four

			=>120 kg/m2: sectional modulus per one meter of pile wall width => 874 cm3/m						
18	18	44-320	Cutting of steel sheet piles to design and length and shape as per requirement in design and drawing and as per direction of Engineer in charge. 44- 320-10: Upto 10mm thick.	m	114.240	50.001	Fifty point Zero Zero One	5712.114	Five Thousand Seven Hundred and Twelve point One One Four
19	19	12-300	Construction of sump well with dug holes of size 1.80m x 2.0m, laying in position the perforated empty diesel/petrol drum sheet of 1.00m dia to a depth 1.5m having slot area of 1000 sq.cm/sqm, slot dia being 30mm each with supply of necessary shrouding materials comprising of 60% 40mm down graded khoa and 40% coarse sand of FM>=2.50 and placing those around and beneath the drum sheet having thickness of 40cm and 50cm respectively including necessary welding, fitting etc. complete	each	12.000	10000.001	Ten Thousand point Zero Zero One	120000.012	One Lakh Twenty Thousand point Zero One Two

			as per direction of Engineer in charge.						
20	20	44-270	Driving steel sheet piles of various sections and weights of any type of soil, by monkey hammer including handling and placing in position, staging and supplying of all equipments like monkey hammer, pully, rope, bamboo, bullah etc. including correcting leaning beyond tolerance & other defects and any other incidental cost etc. complete (measurement will be taken on projected width x height) as per direction of Engineer in charge. 44-270-20: U-type or any other type : Upto 4.50m depth.	sqm	176.400	2200.001	Two Thousand Two Hundred point Zero Zero One	388080.176	Three Lakh Eighty-Eight Thousand AND Eighty point One Seven Six
21	21	72-180	Painting of steel sheet piles, 2 coats of bitumen paint, including preparation of surface with sand paper, iron brush etc. including the cost of all materials and labour etc. complete as per direction	sqm	685.440	500.001	Five Hundred point Zero Zero One	342720.685	Three Lakh Forty-Two Thousand Seven Hundred and Twenty point Six Eight Five

			of Engineer in charge.						
							Grand Total:	10776020.802	One Crore Seven Lakh Seventy-Six Thousand AND Twenty point Eight Zero Two

Bill of Quantities-2

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

This Bill of Quantities-2 is Electronically Signed by Mr. F.M on behalf of ARC-LT (JV)

Mohammed Eunus & Brothers (Pvt.) Ltd.									
Bill of Quantities-2									
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 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.</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)
11	11	04-180	Site preparation by manually removing all miscellaneous objectional materials form entire site and removing soil upto 15cm depth including uprooting stumps, jungle clearing,	sqm	16250.000	31.611	Thirty-One point Six One One	513678.750	Five Lakh Thirteen Thousand Six Hundred and Seventy-Eight point Seven

			levelling dressing etc. complete as per direction of Engineer in charge.						Five
12	12	04-620-20	Filling of expansion joints upto a depth of 40mm with bitumen mixed with coarse sand (FM>=2.5) in concrete works including supply of all materials etc. complete as per specification and direction of Engineer in charge. 04-620-20: 20mm wide.	M	48.200	79.231	Seventy-Nine point Two Three One	3818.934	Three Thousand Eight Hundred and Eighteen point Nine Three Four
13	13	12-100	Installation of pizeometer including supply of 40mm G.I. pipe, brass strainer, socket, labour, by wash boring, lowering, fixing the elevation and providing cover on the top of the well etc. complete as per direction of Engineer in charge.	Each	6.000	3740.821	Three Thousand Seven Hundred and Forty point Eight Two One	22444.926	Twenty-Two Thousand Four Hundred and Forty-Four point Nine Two Six
			Earth work in excavation of foundation trenches in all kinds of soils as per layout plan of foundation excavation with all leads and lifts and placing the spoil earth for						

14	14	16-310	constructing the ring bundh/ cofferdam where necessary as per design and specification or disposing it to a safe distance including pushing, levelling, dressing, etc. complete as per direction of Engineer in charge. 16-310-10: For moving spoil earth upto a distance of 100m from the centre of the pit.	cum	14653.160	282.031	Two Hundred and Eighty-Two point Zero Three One	4132645.368	Forty-One Lakh Thirty-Two Thousand Six Hundred and Forty-Five point Three Six Eight
15	15	16-560	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. 16-560-20: 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	422.400	768.961	Seven Hundred and Sixty-Eight point Nine Six One	324809.126	Three Lakh Twenty-Four Thousand Eight Hundred and Nine point One Two Six
			Bailing out of water with all						

16	16	12-310	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. 12-310-20: by pump.	cum	137622.470	4.001	Four point Zero Zero One	550627.502	Five Lakh Fifty Thousand Six Hundred and Twenty-Seven point Five Zero Two
17	17	44-240	Supplying at site steel sheet piles of different sections including all taxes, freights, incidental charges etc. complete as per direction of Engineer in charge. 44-240-30 : U-shape, hot-rolled steel sheet pile width= 400 mm to 600 mm: height=> 100mm, Th.=> 10.5: wt. p;er sqm of pile wall of pile wall =>120 kg/m2: sectional modulus per one meter of pile wall width => 874 cm3/m	M ton	24.190	107085.441	One Lakh Seven Thousand AND Eighty-Five point Four Four One	2590396.818	Twenty-Five Lakh Ninety Thousand Three Hundred and Ninety-Six point Eight One Eight
			Cutting of steel sheet						

18	18	44-320	piles to design and length and shape as per requirement in design and drawing and as per direction of Engineer in charge. 44-320-10: Upto 10mm thick.	m	114.240	41.561	Forty-One point Five Six One	4747.929	Four Thousand Seven Hundred and Forty-Seven point Nine Two Nine
19	19	12-300	Construction of sump well with dug holes of size 1.80m x 2.0m, laying in position the perforated empty diesel/petrol drum sheet of 1.00m dia to a depth 1.5m having slot area of 1000 sq.cm/sqm, slot dia being 30mm each with supply of necessary shrouding materials comprising of 60% 40mm down graded khoa and 40% coarse sand of FM>=2.50 and placing those around and beneath the drum sheet having thickness of 40cm and 50cm respectively including necessary welding, fitting etc. complete as per direction of Engineer in charge.	each	12.000	18022.271	Eighteen Thousand AND Twenty-Two point Two Seven One	216267.252	Two Lakh Sixteen Thousand Two Hundred and Sixty-Seven point Two Five Two
			Driving steel sheet piles of various sections and weights of any type of						

20	20	44-270	soil, by monkey hammer including handling and placing in position, staging and supplying of all equipments like monkey hammer, pully, rope, bamboo, bullah etc. including correcting leaning beyond tolerance & other defects and any other incidental cost etc. complete (measurement will be taken on projected width x height) as per direction of Engineer in charge. 44-270-20: U-type or any other type : Upto 4.50m depth.	sqm	176.400	1403.681	One Thousand Four Hundred and Three point Six Eight One	247609.328	Two Lakh Forty-Seven Thousand Six Hundred and Nine point Three Two Eight
21	21	72-180	Painting of steel sheet piles, 2 coats of bitumen paint, including preparation of surface with sand paper, iron brush etc. including the cost of all materials and labour etc. complete as per direction of Engineer in charge.	sqm	685.440	216.671	Two Hundred and Sixteen point Six Seven One	148514.970	One Lakh Forty-Eight Thousand Five Hundred and Fourteen point Nine Seven
							Grand Total:	8755560.903	Eighty-Seven Lakh Fifty-Five Thousand Five Hundred

and Sixty
point
Nine
Zero
Three

Bill of Quantities-2

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

This Bill of Quantities-2 is Electronically Signed by Mr. Mohammed Eunus on behalf of Mohammed Eunus & Brothers (Pvt.) Ltd.

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

Bill of Quantities-2

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.

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Item no.	Group	Item Code (if any)	Description of Item	Measurement Unit	Quantity	Unit Price In figures (BDT)	Unit Price In Words (BDT)	Total Price In Figures (BDT)	Total Price In Words (BDT)
11	11	04-180	Site preparation by manually removing all miscellaneous objectional materials from entire site and removing soil upto 15cm depth including uprooting stumps, jungle clearing, levelling dressing etc. complete as per direction of Engineer in charge.	sqm	16250.000	14.225	Fourteen point Two Two Five	231156.250	Two Lakh Thirty-One Thousand One Hundred and Fifty-Six point Two Five

12	12	04-620-20	Filling of expansion joints upto a depth of 40mm with bitumen mixed with coarse sand (FM>=2.5) in concrete works including supply of all materials etc. complete as per specification and direction of Engineer in charge. 04-620-20: 20mm wide.	M	48.200	71.307	Seventy-One point Three Zero Seven	3436.997	Three Thousand Four Hundred and Thirty-Six point Nine Nine Seven
13	13	12-100	Installation of pizeometer including supply of 40mm G.I. pipe, brass strainer, socket, labour, by wash boring, lowering, fixing the elevation and providing cover on the top of the well etc. complete as per direction of Engineer in charge.	Each	6.000	3366.738	Three Thousand Three Hundred and Sixty-Six point Seven Three Eight	20200.428	Twenty Thousand Two Hundred point Four Two Eight
		16	Earth work in excavation of foundation trenches in all kinds of soils 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				Two Hundred and Fifty-Three		Thirty-Seven Lakh Nineteen Thousand Three

14	14	10-310	per design and specification or disposing it to a safe distance including pushing, levelling, dressing, etc. complete as per direction of Engineer in charge. 16-310-10: For moving spoil earth upto a distance of 100m from the centre of the pit.	cum	14653.160	253.827	Three point Eight Two Seven	3719367.643	Hundred and Sixty-Seven point Six Four Three
15	15	16-560	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. 16-560-20: 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	422.400	692.064	Six Hundred and Ninety-Two point Zero Six Four	292327.834	Two Lakh Ninety-Two Thousand Three Hundred and Twenty-Seven point Eight Three Four
			Bailing out of water with all leads and lifts by manual labour or pump, with all arrangements for protection						

16	16	12-310	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. 12-310-20: by pump.	cum	137622.470	6.102	Six point One Zero Two	839772.312	Eight Lakh Thirty-Nine Thousand Seven Hundred and Seventy-Two point Three One Two
17	17	44-240	Supplying at site steel sheet piles of different sections including all taxes, freights, incidental charges etc. complete as per direction of Engineer in charge. 44-240-30 : U-shape, hot-rolled steel sheet pile width= 400 mm to 600 mm: height=> 100mm, Th.=> 10.5: wt. p;er sqm of pile wall of pile wall =>120 kg/m2: sectional modulus per one meter of pile wall width => 874 cm3/m	M ton	24.190	96376.896	Ninety-Six Thousand Three Hundred and Seventy-Six point Eight Nine Six	2331357.114	Twenty-Three Lakh Thirty-One Thousand Three Hundred and Fifty-Seven point One One Four
18	18	44-320	Cutting of steel sheet piles to design and length and shape as per requirement in design and drawing and	m	114.240	37.404	Thirty-Seven point Four	4273.033	Four Thousand Two Hundred and Seventy-Three

			drawing and as per direction of Engineer in charge. 44-320-10: Upto 10mm thick.				Zero Four		three point Zero Three Three
19	19	12-300	Construction of sump well with dug holes of size 1.80m x 2.0m, laying in position the perforated empty diesel/petrol drum sheet of 1.00m dia to a depth 1.5m having slot area of 1000 sq.cm/sqm, slot dia being 30mm each with supply of necessary shrouding materials comprising of 60% 40mm down graded khoa and 40% coarse sand of FM>=2.50 and placing those around and beneath the drum sheet having thickness of 40cm and 50cm respectively including necessary welding, fitting etc. complete as per direction of Engineer in charge.	each	12.000	16220.043	Sixteen Thousand Two Hundred and Twenty point Zero Four Three	194640.516	One Lakh Ninety-Four Thousand Six Hundred and Forty point Five One Six
			Driving steel sheet piles of various sections and weights of any type of soil, by monkey hammer including handling and placing in						

20	20	44-270	position, staging and supplying of all equipments like monkey hammer, pully, rope, bamboo, bullah etc. including correcting leaning beyond tolerance & other defects and any other incidental cost etc. complete (measurement will be taken on projected width x height) as per direction of Engineer in charge. 44-270-20: U-type or any other type : Upto 4.50m depth.	sqm	176.400	1263.312	One Thousand Two Hundred and Sixty-Three point Three One Two	222848.237	Two Lakh Twenty-Two Thousand Eight Hundred and Forty-Eight point Two Three Seven
21	21	72-180	Painting of steel sheet piles, 2 coats of bitumen paint, including preparation of surface with sand paper, iron brush etc. including the cost of all materials and labour etc. complete as per direction of Engineer in charge.	sqm	685.440	195.003	One Hundred and Ninety-Five point Zero Zero Three	133662.856	One Lakh Thirty-Three Thousand Six Hundred and Sixty-Two point Eight Five Six
							Grand Total:	7993043.220	Seventy-Nine Lakh Ninety-Three Thousand AND Forty-Three point Two Two

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

This Bill of Quantities-2 is Electronically Signed by Mr. FAKHAR on behalf of Western Engineering (Pvt.)
Ltd.-M/S. BHAWAL CONSTRUCTION-Joint Venture