

## Individual Report

Tender/Proposal Detail			
<b>Tender/Proposal ID :</b>	234841	<b>Invitation Reference No. :</b>	T-1/netra/HFMLIP/76 Date. 31-10-18
<b>Closing Date and Time :</b>	03-Dec-2018 12:00	<b>Opening Date and Time :</b>	03-Dec-2018 12:00
<b>Procuring Entity :</b>	Netrokona O&M Division		
<b>Brief :</b>	<b>-BWDB/Netr/HFMLIP/PW-04</b> <b>Works for A Re-excavation of Piyan River from km 0.075 to km 5.00 4.925 km Naiyori Khal from km 0.00 to km 7.565 5.27 km at Khaliajuri FCD Floder-2 Feni khal from km 0.00 to 1.903 1.93 km Jhalokhali khal from km 0.00 to km 6.7 6.70 km and Putia khal From km.0.00 to km. 5.235 5.235 km. Total Length 24.033 km B Construction of Resectioning of Embankment from Km 44.60 to km 48.350 3.75 Km Km 42.00 to km 43.00 1.00 Km Km 22.00 to km 25.00 3.00 Km Km 6.00 to km 7.00 1.00 Km &amp; Km 4.00 to km 5.00 1.00 Km Total Length 9.75 km at Khaliyuri Polder-2 &amp; E General Item of work in c/w Haor Flood Management and Livelihood Improvement Project BWDB Part under Netrakona O&amp;M Division during the year 2018-19 &amp; 2019-20. Package No.- BWDB/Netr/HFMLIP/PW-04.</b>		

Package No	Package Description
- BWDB/Netr/HFMLIP/PW-04	Works for A Re-excavation of Piyan River from km 0.075 to km 5.00 4.925 km Naiyori Khal from km 0.00 to km 7.565 5.27 km at Khaliajuri FCD Floder-2 Feni khal from km 0.00 to 1.903 1.93 km Jhalokhali khal from km 0.00 to km 6.7 6.70 km and Putia khal From km.0.00 to km. 5.235 5.235 km. Total Length 24.033 km B Construction of Resectioning of Embankment from Km 44.60 to km 48.350 3.75 Km Km 42.00 to km 43.00 1.00 Km Km 22.00 to km 25.00 3.00 Km Km 6.00 to km 7.00 1.00 Km & Km 4.00 to km 5.00 1.00 Km Total Length 9.75 km at Khaliyuri Polder-2 & E General Item of work in c/w Haor Flood Management and Livelihood Improvement Project BWDB Part under Netrakona O&M Division during the year 2018-19 & 2019-20./Package No.- BWDB/Netr/HFMLIP/PW-04.

Mohammed Eunus & Brothers (Pvt.) Ltd.									
Bill of Quantities									
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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)
1 (A) (Re-excavation of Khal)	16-100	16-100	Erection of bamboo profile with full bamboo posts and pegs not less than 60mm in diameter and coir strings etc. complete as per direction of Engineer in charge.	Each	486.000	324.821	Three Hundred and Twenty-Four point Eight Two One	157863.006	One Lakh Fifty-Seven Thousand Eight Hundred and Sixty-Three point Zero Zero Six
			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						Fifteen Lakh

2	16-220	16-220	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	9358.590	167.601	One Hundred and Sixty-Seven point Six Zero One	1568509.043	Sixty-Eight Thousand Five Hundred and Nine point Zero Four Three
3	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. 12-310-20By pump.	Cum	495680.630	6.951	Six point Nine Five One	3445476.059	Thirty-Four Lakh Forty-Five Thousand Four Hundred and Seventy-Six point Zero Five Nine
4	16-600	16-600	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 specification and direction of Engineer in charge.	Cum	712868.020	121.091	One Hundred and Twenty-One point Zero Nine One	86321901.410	Eight Crore Sixty-Three Lakh Twenty-One Thousand Nine Hundred and One point Four One
5	16-130	16-130	Earth work by manual labour in all kinds of soil in excavation of channels with the initial lead of 30m and lift of 1.5 m including leveling dressing and throwing the spoils to profile with breaking clods, rough dressing, clearing jungles including cutting	Cum	79207.560	220.951	Two Hundred and Twenty point Nine Five One	17500989.590	One Crore Seventy-Five Lakh Nine Hundred and Eighty-Nine point Five Nine

			trees up to 200 mm girth, dug bailing etc. complete as per direction of Engineer in charge.						
6	16-200	16-200	Extra rate for every additional lift of 1.0m or part thereof beyond the initial lift of 1.5m (30cm neglected) for all kinds of earth work. 1nos lift	pltcum	79207.560	12.941	Twelve point Nine Four One	1025025.034	Ten Lakh Twenty-Five Thousand AND Twenty-Five point Zero Three Four
7	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	7486.870	167.651	One Hundred and Sixty-Seven point Six Five One	1255181.242	Twelve Lakh Fifty-Five Thousand One Hundred and Eighty-One point Two Four Two
8 B) Construction of Resectioning of Embankment in khalijuri folder 2	16-100	16-100	Erection of bamboo profile with full bamboo posts and pegs not less than 60 mm in diameter and choir strings etc. complete as direction of Engineer in charge.	Each	164.000	324.821	Three Hundred and Twenty-Four point Eight Two One	53270.644	Fifty-Three Thousand Two Hundred and Seventy point Six Four Four
9	16-650	16-650-10	Earth work by Mechanical Excavator (Long Boom) in constructing/resectioning of embankment/ canal bank/road etc.compacted to 85%/90% maximum dry desityat optimum moisture content, with referance to laboratory density test AAHSTO modified hammer with clayey soil (minimum 30% clay, 0-40% silt and 0-30% sand) within the initial lead of 30m and all lifts including throwing the spoils to profiles in layers not exceeding 230mm in thickness, clod breaking upto a maximum size of 100mm, benching the side slopes, removing roots and	cum	163151.860	150.961	One Hundred and Fifty point	24629567.937	Two Crore Forty-Six Lakh Twenty-Nine Thousand Five Hundred

			stumos of trees of girthup to 200mm from the ground, stripping/ploughing the base of embankment and borrow pit area, dug bailing, rough dressing including 150mm cambering at the center of the crest etc, complete, including maintenance of the same for 6 months after completion , (compaction will be done by the contractor with approved equipment, all ancillary charges for compaction and testing ) as per direction of Engineer in charge. 16-650-10 Embankment by Mech. Equipment ; height 0 to 4 m 85% compaction.				Nine Six One		and Sixty-Seven point Nine Three Seven
10	16-300	16-300	Royalty of specified earth taken from private land (with prior permission of the soil (minimum 30% clay, 0-40% silt and 0-30% sand) including cutting, filling, watering etc. Complete as per direction of Engineer in charge.	Cum	163151.860	16.731	Sixteen point Seven Three One	2729693.770	Twenty-Seven Lakh Twenty-Nine Thousand Six Hundred and Ninety-Three point Seven Seven
			Earth work by carried earth (by truck/boat or any other means) supplied at contractor's own cost (including royalty) in constructing/ resectioning of the embankment/ canal bank/ road etc. compacted to 85%/90% maximum dry density at optimum moisture content with reference to laboratory density test AASHTO modified hammer, with clayey soil (minimum 30% clay, 0-40% silt and 0-30% sand) beyond initial lead of 300m including throwing the spoils to profiles						Thirty-Seven

11	16-410	16-410-10	in layer not exceeding 230mm in thickness with clod breaking to maximum size of 100mm, benching the side slopes, removing roots and stumps of trees of girth upto 200mm, stripping/ ploughing the base of embankment and borrow pit area, dug bailing, clearing jungles, bail out of water, rough dressing including 150mm cambering at the centre of crest with all leads and lifts complete (compaction will be done by the contractor with pproved equipment including all ancillary charges for compaction and testing) as per direction of Engineer in charge. 16-410-10 300m to 1.00 km.(85% compaction)	Cum	9597.170	392.481	Three Hundred and Ninety-Two point Four Eight One	3766706.879	Lakh Sixty-Six Thousand Seven Hundred and Six point Eight Seven Nine
12	16-120	16-120-10	Earth work by manual labour in constructing/ resectioning of embankment/ canal bank/ road etc. compacted to 85%/90% maximum dry density at optimum moisture content, with reference to laboratory density test AAHSTO modified hammer, with clayey soil(minm 30% clay, 0-40% silt, 0-30% sand) within the initial lead of 30m and all lifts including throwing the spoils to profiles in layers not exceeding 230mm in thickness with clod breaking to a maximum size of 100mm, benching the side slopes, removing roots and stumps of trees of girth upto 200mm from the ground, stripping/ ploughing the base of embankment and borrow pit area,	Cum	19194.340	211.521	Two Hundred and Eleven point Five Two One	4060005.991	Forty Lakh Sixty Thousand AND Five point Nine Nine One

			dug bailing, bail out of water, rough dressing including 150mm cambering at the centre of crest etc. complete, including maintenance of the same for 6 months after completion, (compaction will be done by the contractor with approved equipment, including all ancillary charges for compaction and testing) as per direction of Engineer in charge. 16-120-10 0 m to 3 m height with 85% compaction						
13	16-190	16-190	Extra rate for every additional lead of 15m or part thereof beyond the initial lead of 30m upto a maximum of 19 leads (3m neglected) for all kinds of earth work. Extra lead 2 Nos (2x25.01= 50.02)	pldcum	19194.340	50.021	Fifty point Zero Two One	960120.081	Nine Lakh Sixty Thousand One Hundred and Twenty point Zero Eight One
14	48-100	48-100	Fine dressing and close turfing of the slopes and the crest of embankment with 75mm thick, good quality durba or charkanta sods of size 200mm x 200mm, with all leads and lifts, including ramming, watering until the turf grows properly, maintaining etc.	Sqm	110855.410	29.161	Twenty-Nine point One Six One	3232654.611	Thirty-Two Lakh Thirty-Two Thousand Six Hundred and Fifty-Four point Six One One
15	04-120	04-120	Construction of B.M. Pillars at site with first class bricks in cement mortar (1:4) of size 38cm x 38cm x 75cm on cement concrete (1:2:4) base of size 50cm x 50cm x 7.5cm with 12mm thick cement plastering (1:2) on exposed surfaces of pillar and cement mortar on top (1:2), with inscription of "BWDB" with 25cm of the pillar below ground level etc. complete including ramming the backfill and the cost of all	Each	22.000	1293.181	One Thousand Two Hundred and Ninety-Three point One Eight One	28449.982	Twenty-Eight Thousand Four Hundred and Forty-Nine point Nine Eight Two

			materials as per direction of Engineer in charge.						
16	48-130	48-130	Biological protection of bare earth surface by Dholkalmi with minimum 50cm long sapling, planting @ not more than 30 cm apart including supplying, sizing, taping and nursing etc. complete as per direction of the Engineer in charge.	m	19500.000	5.181	Five point One Eight One	101029.500	One Lakh One Thousand AND Twenty-Nine point Five
17. (C). General Item of Work	Analysis rate	Analysis rate	Preparation of mobilization of the site for construction of submersible embankment or other structural components in c/w`Haor Flood Management and Livelihood Improvement Project (BWDB part) as per Technical Specifications, including land lease, rental charges, obtaining permissions for work, developing work area, preparation of platform for temporary semi pucca site office (40sqm), CI sheet labor sheds (200sqm), CI sheet stores (200 sqm), supply of wooden & cane seated furniture etc. as per specified and as per Contractor's method Statement and as per direction of Engineer in Charge.	Ls	1.000	976050.001	Nine Lakh Seventy-Six Thousand AND Fifty point Zero One	976050.001	Nine Lakh Seventy-Six Thousand AND Fifty point Zero One
18	Analysis rate	Analysis rate	Provide and maintain 1 (one) no. Engine boat with boatmen having sun and rainproof cover to facilitate supervision by the Engineer/Engineer's Representative during whole construction period of the work as per Technical Specification, Contractor's Method Statement and as per direction of Engineer in	Day	60.000	2497.861	Two Thousand Four Hundred and Ninety-Seven point Eight Six One	149871.660	One Lakh Forty-Nine Thousand Eight Hundred and Seventy-One point Six Six

			Charge.						
19	Analysis rate	Analysis rate	Providing and maintaining adequate portable water supply by installing 4 nos. of tube well and sanitation facilities by installing 6 nos. of sanitary latrines for usage of labours, Officials and others for prevailing the hygienic and healthy environment at all over the working site as per direction of the engineer in charge.	Ls	1.000	111148.951	One Lakh Eleven Thousand One Hundred and Forty-Eight point Nine Five One	111148.951	One Lakh Eleven Thousand One Hundred and Forty-Eight point Nine Five One
20	Analysis rate	Analysis rate	Mobilize, strengthen required land based consatruction equipment such as excavator, dump truck, chain dozer, vibro-compactor and plants such as gemetor for site electrification, digital camera for taking photographs and digital vedio camera for recording/Taking Photograph as 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.	LS	1.000	92023.551	Ninety-Two Thousand AND Twenty-Three point Five Five One	92023.551	Ninety-Two Thousand AND Twenty-Three point Five Five One
21	Analysis rate	Analysis rate	Operate, maintain of plant and equipment such as generator for site electrification for the purpose stated in the technical specification and Contractor's Method Statement and as per direction of Engineer in Charge.	LS	1.000	110909.921	One Lakh Ten Thousand Nine Hundred and Nine point Nine Two One	110909.921	One Lakh Ten Thousand Nine Hundred and Nine point Nine Two One
22	Analysis rate	Analysis rate	Demobilization and clean-up of the site upon completion of the works, as per Technical Specification, Contractor's	LS	1.000	112344.101	One Lakh Twelve Thousand Three Hundred and	112344.101	One Lakh Twelve Thousand Three Hundred and



			Method Statement and as per direction of Engineer in Charge.				Forty-Four point One Zero One		Forty-Four point One Zero One
23	NSI	NSI	Environmental monitoring through sample collection and analysis such as air quality test, surface water test, sound level monitoring, Traffic signs and road navigation, safety provisions with first aid and medical assistant as per direction of Engineer incharge.	LS	1.000	248113.954	Two Lakh Forty-Eight Thousand One Hundred and Thirteen point Nine Five Four	248113.954	Two Lakh Forty-Eight Thousand One Hundred and Thirteen point Nine Five Four
24	Analysis rate	Analysis rate	Construction of sign board with specification and as per direction of Engineer in Charge	LS	1.000	50000.001	Fifty Thousand point Zero Zero One	50000.001	Fifty Thousand point Zero Zero One
							<b>Grand Total:</b>	152686906.919	Fifteen Crore Twenty-Six Lakh Eighty-Six Thousand Nine Hundred and Six point Nine One Nine

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