

Individual Report

Tender/Proposal Detail			
Tender/Proposal ID :	139301	Invitation Reference No. :	899 date- 19/11/17
Closing Date and Time :	05-Dec-2017 14:00	Opening Date and Time :	05-Dec-2017 14:00
Procuring Entity :	Habiganj O&M Division		
Brief :	Construction of Sub-mersible embankment at Mokhar Haor in between km 31.600 to km 81.740 23.815 Km 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-04.		

Package No	Package Description
BWDB/Hobi/HFMLIP/PW-04	Construction of Sub-mersible embankment at Mokhar Haor in between km 31.600 to km 81.740 23.815 Km 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-04.

M/S. Mostafa & Sons									
Bill of Quantities(Embankment)									
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	Preparation and mobilization of the Site for Construction of Submersible Embankment or other Structural Components in c/w "Haor Flood Management and Livelihood Improved 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 labour sheds(200sqm), CI Sheet Stores(200sqm),	LS	1.000	1000000.001	Ten Lakh point Zero Zero One	1000000.001	Ten Lakh point Zero Zero One

			supply of wooden & cane seated furniture etc. as specified and as per Contractor's Method Statement and as per direction of Engineer in charge.						
2	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 x50cm x7.5cm 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 materials as per direction of Engineer in charge.	no	25.000	1200.001	One Thousand Two Hundred point Zero One	30000.025	Thirty Thousand point Zero Two Five
3	16-100	16-100	Erection of bamboo profiles with full bamboo posts and pegs not less than 16mm in dia and coir string etc. complete as per direction of Engineer in charge.	no	422.000	300.001	Three Hundred point Zero One	126600.422	One Lakh Twenty-Six Thousand Six Hundred point Four Two Two
			Earth work by Mechanical Excavator (Long Boon) 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,						

4	16-650	16-650-10	<p>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, dug bailing, 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. Embankment by Mech. Equipment; ht: 0 to 4m; 85% comp.</p>	cum	104711.930	130.001	One Hundred and Thirty point Zero One	13612655.612	One Crore Thirty-Six Lakh Twelve Thousand Six Hundred and Fifty-Five point Six One Two
			<p>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</p>						

5	16-410	16-410-10	<p>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 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 approved equipment including all ancillary charges for compaction and testing) as per direction of Engineer in charge.</p> <p>300m to 1.00 km.(85% compaction)</p>	cum	25387.240	350.001	Three Hundred and Fifty point Zero One	8885559.387	<p>Eighty-Eight Lakh Eighty-Five Thousand Five Hundred and Fifty-Nine point Three Eight Seven</p>
			<p>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%</p>						

8	48-100	48-100	200mm, with all leads and lifts, including ramming, watering until the turf grows properly, maintaining etc. Complete (measurement will be given on well-grown grass only) as per direction of Engineer in charge.	sqm	307386.460	26.001	Twenty-Six point Zero Zero One	7992355.346	ninety-Two Thousand Three Hundred and Fifty-Five point Three Four Six
9	16-300	16-300	Royalty of specified earth taken from private land (with prior permission of the Executive Engineer on production of royalty deeds with the land owner) from the area to be selected by the contractor with mutual agreement.	cum	231524.820	15.001	Fifteen point Zero Zero One	3473103.825	Thirty-Four Lakh Seventy-Three Thousand One Hundred and Three point Eight Two Five
10	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	190560.000	5.001	Five point Zero Zero One	952990.560	Nine Lakh Fifty-Two Thousand Nine Hundred and Ninety point Five Six
							Grand Total:	62704225.704	Six Crore Twenty-Seven Lakh Four Thousand Two Hundred and Twenty-Five point Seven Zero Four

This Bill of Quantities(Embankment) is Electronically Signed by Mr. Shahidul Islam Islam on behalf of M/S. Mostafa & Sons

MAE-MAMCL JV (JVCA)	
Bill of Quantities(Embankment)	
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	Preparation and mobilization of the Site for Construction of Submersible Embankment or other Structural Components in c/w "Haor Flood Management and Livelihood Improved 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 labour sheds(200sqm), CI Sheet Stores(200sqm), supply of wooden & cane seated furniture etc. as specified and as per Contractor's Method Statement and as per direction of Engineer in charge.	LS	1.000	400000.001	Four Lakh point Zero Zero One	400000.001	Four Lakh point Zero Zero One
2	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 x50cm x7.5cm 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	no	25.000	2500.001	Two Thousand Five Hundred point Zero Zero One	62500.025	Sixty-Two Thousand Five Hundred point Zero Two Five

			including ramming the backfill and the cost of all materials as per direction of Engineer in charge.						
3	16-100	16-100	Erection of bamboo profiles with full bamboo posts and pegs not less than 16mm in dia and coir string etc. complete as per direction of Engineer in charge.	no	422.000	200.001	Two Hundred point Zero Zero One	84400.422	Eighty-Four Thousand Four Hundred point Four Two Two
4	16-650	16-650-10	Earth work by Mechanical Excavator (Long Boon) 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, dug bailing, rough dressing including 150mm cambering at the centre of crest etc. complete, including maintenance of	cum	104711.930	220.001	Two Hundred and Twenty point Zero Zero One	23036729.312	Two Crore Thirty Lakh Thirty-Six Thousand Seven Hundred and Twenty-Nine point Three One Two

			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. Embankment by Mech. Equipment; ht: 0 to 4m; 85% comp.						
5	16-410	16-410-10	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 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	cum	25387.240	240.001	Two Hundred and Forty point Zero Zero One	6092962.987	Sixty Lakh Ninety-Two Thousand Nine Hundred and Sixty-Two point Nine Eight Seven

			centre of crest with all leads and lifts complete (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. 300m to 1.00 km.(85% compaction)						
6	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, 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	cum	126812.890	200.001	Two Hundred point Zero Zero One	25362704.813	Two Crore Fifty-Three Lakh Sixty-Two Thousand Seven Hundred and Four point Eight One Three

			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 0 m to 3 m height with 85% compaction.						
7	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 (30m neglected) for all kinds of earth work. (2 nos lead.)	cum	126812.890	18.001	Eighteen point Zero Zero One	2282758.833	Twenty-Two Lakh Eighty-Two Thousand Seven Hundred and Fifty-Eight point Eight Three Three
8	48-100	48-100	Fine dressing & close turfing of the slope 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. Complete (measurement will be given on well-grown grass only) as per direction of Engineer in charge.	sqm	307386.460	7.501	Seven point Five Zero One	2305705.836	Twenty-Three Lakh Five Thousand Seven Hundred and Five point Eight Three Six
9	16-300	16-300	Royalty of specified earth taken from private land (with prior permission of the Executive Engineer on production of royalty deeds with the land owner) from the area to be selected by the contractor with mutual agreement.	cum	231524.820	16.001	Sixteen point Zero Zero One	3704628.645	Thirty-Seven Lakh Four Thousand Six Hundred and Twenty-Eight point Six Four Five
			Biological protection of bare						

10	48-130	48-130	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	190560.000	2.501	Two point Five Zero One	476590.560	Four Lakh Seventy-Six Thousand Five Hundred and Ninety point Five Six
							Grand Total:	63808981.434	Six Crore Thirty-Eight Lakh Eight Thousand Nine Hundred and Eighty-One point Four Three Four

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TI-FB JV (JVCA)									
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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	Analysed	Analysed	Preparation and mobilization of the Site for Construction of Submersible Embankment or other Structural Components in c/w "Haor Flood Management and Livelihood Improved 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	LS	1.000	1111328.171	Eleven Lakh Eleven Thousand Three Hundred and Twenty-Eight point One Seven	1111328.171	Eleven Lakh Eleven Thousand Three Hundred and Twenty-Eight point One Seven

			pucca site office(40sqm), CI Sheet labour sheds(200sqm), CI Sheet Stores(200sqm), supply of wooden & cane seated furniture etc. as specified and as per Contractor's Method Statement and as per direction of Engineer in charge.				One		One
2	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 x50cm x7.5cm 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 materials as per direction of Engineer in charge.	no	25.000	1209.141	One Thousand Two Hundred and Nine point One Four One	30228.525	Thirty Thousand Two Hundred and Twenty-Eight point Five Two Five
3	16-100	16-100	Erection of bamboo profiles with full bamboo posts and pegs not less than 16mm in dia and coir string etc. complete as per direction of Engineer in charge.	no	422.000	293.371	Two Hundred and Ninety-Three point Three Seven One	123802.562	One Lakh Twenty-Three Thousand Eight Hundred and Two point Five Six Two
			Earth work by Mechanical Excavator (Long Boon) in constructing/ resectioning of embankment/canal bank/ road etc. compacted to 85%/90% maximum dry density at						

4	16-650	16-650-10	<p>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, dug bailing, 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. Embankment by Mech. Equipment; ht: 0 to 4m; 85% comp.</p>	cum	104711.930	135.021	One Hundred and Thirty-Five point Zero Two One	14138309.501	One Crore Forty-One Lakh Thirty-Eight Thousand Three Hundred and Nine point Five Zero One
			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/						

5	16-410	16-410-10	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 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 approved equipment including all ancillary charges for compaction and testing) as per direction of Engineer in charge. 300m to 1.00 km.(85% compaction)	cum	25387.240	320.321	Three Hundred and Twenty point Three Two One	8132066.104	Eighty-One Lakh Thirty-Two Thousand AND Sixty-Six point One Zero Four
			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						

6	16-120	16-120-10	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, 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 0 m to 3 m height with 85% compaction.	cum	126812.890	183.501	One Hundred and Eighty-Three point Five Zero One	23270292.128	Two Crore Thirty-Two Lakh Seventy Thousand Two Hundred and Ninety-Two point One Two Eight
7	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 (30m neglected) for all kinds of earth work. (2 nos lead.)	cum	126812.890	30.121	Thirty point One Two One	3819731.060	Thirty-Eight Lakh Nineteen Thousand Seven Hundred and Thirty-One point Zero Six
			Fine dressing & close turfing of the slope and the						

8	48-100	48-100	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. Complete (measurement will be given on well-grown grass only) as per direction of Engineer in charge.	sqm	307386.460	26.771	Twenty-Six point Seven Seven One	8229042.921	Eighty-Two Lakh Twenty-Nine Thousand AND Forty-Two point Nine Two One
9	16-300	16-300	Royalty of specified earth taken from private land (with prior permission of the Executive Engineer on production of royalty deeds with the land owner) from the area to be selected by the contractor with mutual agreement.	cum	231524.820	17.931	Seventeen point Nine Three One	4151471.547	Forty-One Lakh Fifty-One Thousand Four Hundred and Seventy-One point Five Four Seven
10	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	190560.000	4.611	Four point Six One One	878672.160	Eight Lakh Seventy-Eight Thousand Six Hundred and Seventy-Two point One Six
							Grand Total:	63884944.679	Six Crore Thirty-Eight Lakh Eighty-Four Thousand Nine Hundred and Forty-Four point Six Seven Nine

This Bill of Quantities(Embankment) is Electronically Signed by Mr. Tazul on behalf of TI-FB JV