

## Individual Report

Tender/Proposal Detail			
<b>Tender/Proposal ID :</b>	235803	<b>Invitation Reference No. :</b>	BWDB/Kish/T-1/1662 DATED: 14/10/2018
<b>Closing Date and Time :</b>	03-Dec-2018 13:00	<b>Opening Date and Time :</b>	03-Dec-2018 13:00
<b>Procuring Entity :</b>	Kishoreganj WD Division		
<b>Brief :</b>	BWDB/Kish/HFMLIP/ PW-23 Construction of A Sub-Mergible Embankment From km. 2.469 to km 6.979 4.51 km B Construction of Mozila Khal Regulator 2-vent 1.50m x 1.80m at km 12.25 C Construction of Noaparakhali Khal Regulator 2-vent 1.50m x 1.80m at 5.73 km D Re-excavation of Khal Mozila Khal from km. 0.000 to km. 1.775 Mogar Khal from km. 0.000 to km. 0.150 Total Length 1.925 km. E Construction of Box Drainage Outlet 900mm x 900mm at km. 2.74 in Mogar Khal F Construction of 4 nos Irrigation Pipe Inlet 600mm dia at km. 3.92 4.41 5.12 & 5.88 G General item of works under Chatal Haor Project in Upazilla Itna & Tarail Dist Kishoreganj in C/W Haor flood Management and Livelihood Improvement project Under Kishoreganj W.D Division BWDB Kishoreganj during the Financial year 2018-19 & 2019-20.		

Package No	Package Description
BWDB/Kish/HFMLIP/ PW-23	Construction of A Sub-Mergible Embankment From km. 2.469 to km 6.979 4.51 km B Construction of Mozila Khal Regulator 2-vent 1.50m x 1.80m at km 12.25 C Construction of Noaparakhali Khal Regulator 2-vent 1.50m x 1.80m at 5.73 km D Re-excavation of Khal Mozila Khal from km. 0.000 to km. 1.775 Mogar Khal from km. 0.000 to km. 0.150 Total Length 1.925 km. E Construction of Box Drainage Outlet 900mm x 900mm at km. 2.74 in Mogar Khal F Construction of 4 nos Irrigation Pipe Inlet 600mm dia at km. 3.92 4.41 5.12 & 5.88 G General item of works under Chatal Haor Project in Upazilla Itna & Tarail Dist Kishoreganj in C/W Haor flood Management and Livelihood Improvement project Under Kishoreganj W.D Division BWDB Kishoreganj during the Financial year 2018-19 & 2019-20.

AKA-UCL (JV) (JVCA)									
Bill of Quantities-1									
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	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	153.000	324.817	Three Hundred and Twenty-Four point Eight One Seven	49697.001	Forty-Nine Thousand Six Hundred and Ninety-Seven point Zero One
			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						Fifty-Four

2	16-650-20	16-650-20	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.	Cum	36182.083	149.999	One Hundred and Forty-Nine point Nine Nine Nine	5427276.268	Lakh Twenty-Seven Thousand Two Hundred and Seventy-Six point Two Six Eight
3	16-410-10	16-410-10	Earth work by carried earth (by truck/boat or any other means) supplied at contractor's own cost (including royalty) direction of Engineer in charge. Earth work by manual labour in all kinds of soil for excavation/ re-excavation of pond/ tank in layers of 150mm including breaking clods, dressing, profiling etc. complete with all leads and lifts as per direction of Engineer in charge. 300m to 1.00 km. (85% compaction)	Cum	7753.160	349.997	Three Hundred and Forty-Nine point Nine Nine Seven	2713582.741	Twenty-Seven Lakh Thirteen Thousand Five Hundred and Eighty-Two point Seven Four One
4	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 ..., (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.	Cum	7753.160	174.998	One Hundred and Seventy-Four point Nine Nine Eight	1356787.494	Thirteen Lakh Fifty-Six Thousand Seven Hundred and Eighty-Seven point Four Nine Four
5	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 (3 m neglected) for all kinds of earth work.	PldCum	16150.139	19.998	Nineteen point Nine Nine Eight	322970.480	Three Lakh Twenty-Two Thousand Nine Hundred and Seventy point Four Eight
6	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	36182.083	5.001	Five point Zero Zero One	180946.597	One Lakh Eighty Thousand Nine Hundred and Forty-Six point Five Nine Seven

7	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. complete (measurement will be given on well grown grass only). as per direction of Engineer in charge.	Sqm	62817.820	5.001	Five point Zero Zero One	314151.918	Three Lakh Fourteen Thousand One Hundred and Fifty-One point Nine One Eight
8	48-130	48-130	Biological protection of bare earth surface by Dhokalmi 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	27060.000	2.001	Two point Zero Zero One	54147.060	Fifty-Four Thousand One Hundred and Forty-Seven point Zero Six
9	56-100	56-100	Earth work in box cutting up to 1.00 m depth, in all kinds of soil with all leads, removing the spoils to a safe distance, including levelling and dressing, maintaining required cambering etc. complete, as per direction of Engineer in charge	Cum	2029.500	158.918	One Hundred and Fifty-Eight point Nine One Eight	322524.081	Three Lakh Twenty-Two Thousand Five Hundred and Twenty-Four point Zero Eight One
10	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 materials as per direction of Engineer in charge.	each	18.000	1293.167	One Thousand Two Hundred and Ninety-Three point One Six Seven	23277.006	Twenty-Three Thousand Two Hundred and Seventy-Seven point Zero Zero Six
11	04-180	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	23376.000	32.578	Thirty-Two point Five Seven Eight	761543.328	Seven Lakh Sixty-One Thousand Five Hundred and Forty-Three point Three Two Eight
12	04-600	04-600-10	Providing cork sheet/polysterene sheet in expansion joints of concrete works including supply of all materials etc. complete as per direction of Engineer in Charge. 04-600-10. 25mm thick sheet	sqm	25.370	480.695	Four Hundred and Eighty point Six Nine Five	12195.232	Twelve Thousand One Hundred and Ninety-Five point Two Three Two

13	04-620	04-620-20	Filling of expansion joints upto a depth of 40 mm 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 . 20 mm wide.	m	56.400	86.069	Eighty-Six point Zero Six Nine	4854.292	Four Thousand Eight Hundred and Fifty-Four point Two Nine Two
14	12-100	12-100	Installation of pizeometer including supply of 38 mm 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	10.000	3027.607	Three Thousand AND Twenty-Seven point Six Zero Seven	30276.070	Thirty Thousand Two Hundred and Seventy-Six point Zero Seven
15	16-310	16-310-10	Earth work in excavation of foundation trenches in all kinds of soil as per layout plan of foundation excavation with all leads and lifts and placing the spoil earth for constructing the ring bundh/offerdam 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	18895.604	199.998	One Hundred and Ninety-Nine point Nine Nine Eight	3779083.009	Thirty-Seven Lakh Seventy-Nine Thousand AND Eighty-Three point Zero Zero Nine
16	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.	Pltcum	20246.776	12.941	Twelve point Nine Four One	262013.528	Two Lakh Sixty-Two Thousand AND Thirteen point Five Two Eight
17	16-560	16-560-20	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, c/c fixed with nails.	Sqm	647.220	799.812	Seven Hundred and Ninety-Nine point Eight One Two	517654.323	Five Lakh Seventeen Thousand Six Hundred and Fifty-Four point Three Two Three
18	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. 12-310-20 : By pump.	cum	129610.755	5.001	Five point Zero Zero One	648183.386	Six Lakh Forty-Eight Thousand One Hundred and Eighty-Three point Three Eight Six
			Supplying at site U-shape hot rolled steel sheet pile of different section of Phosphorus=0.04%(Maximum), Sulphur = 0.04% (Maximum), Copper= 0.25% (Minimum), Tensile strength=> 490 N/mm2						

19	44-240	44-240-10	<p>, Yield strength =&gt;296 N/mm2, Elongation =15% (Minimum) including all taxes, freights, incidental charges etc. complete as per direction of the Engineer -in- charge.</p> <p>44-240-10. U-shape, hot rolled steel sheet pile width= 400mm, Thickness&gt;=10.5mm (web thickness&gt;=10.5mm, Flange thickness&gt;=10.5mm). Thickness shall be same for the whole section.</p>	M ton	37.200	300000.001	Three Lakh point Zero Zero One	11160000.037	One Crore Eleven Lakh Sixty Thousand point Zero Three Seven
20	44-320	44-320-10	<p>Cutting of steel sheet piles to design length and shape as per requirement in design and drawing and as per direction of Engineer in charge. 44-320-10 : Upto 10mm thick.</p>	m	83.958	42.781	Forty-Two point Seven Eight One	3591.807	Three Thousand Five Hundred and Ninety-One point Eight Zero Seven
21	12-300	12-300	<p>Construction of sump well with dug holes of size 1.80 m x 2.0 m, laying in position the perforated empty diesel/petrol drum sheet of 1.00 m 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&gt;=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.</p>	each	20.000	18694.013	Eighteen Thousand Six Hundred and Ninety-Four point Zero One Three	373880.260	Three Lakh Seventy-Three Thousand Eight Hundred and Eighty point Two Six
22	44-270	44-270-20	<p>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 &amp; 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.</p> <p>44-270-20: U-type or any other type : Upto 4.50 m depth.</p>	Sqm	465.000	1526.822	One Thousand Five Hundred and Twenty-Six point Eight Two Two	709972.230	Seven Lakh Nine Thousand Nine Hundred and Seventy-Two point Two Three
23	72-180	72-180	<p>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.</p>	Sqm	760.800	230.454	Two Hundred and Thirty point Four Five Four	175329.403	One Lakh Seventy-Five Thousand Three Hundred and Twenty-Nine point Four Zero Three
			Epoxy paint 2 coats of approved colour and						Seventy

24	72-540	72-540	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	190.015	398.166	Three Hundred and Ninety-Eight point One Six Six	75657.512	Seventy-Five Thousand Six Hundred and Fifty-Seven point Five One Two
25	44-310	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	139.685	484.375	Four Hundred and Eighty-Four point Three Seven Five	67659.922	Sixty-Seven Thousand Six Hundred and Fifty-Nine point Nine Two Two
26	44-220	44-220-10	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	831.772	31.369	Thirty-One point Three Six Nine	26091.856	Twenty-Six Thousand AND Ninety-One point Eight Five Six
27	28-120	28-120-20	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, 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	95.285	12082.912	Twelve Thousand AND Eighty-Two point Nine One Two	1151320.270	Eleven Lakh Fifty-One Thousand Three Hundred and Twenty point Two Seven
28	28-100	28-100-10	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.  28-100-10 : With 25mm down graded picked jhama or 1st. class brick chips.	Cum	3.302	8171.008	Eight Thousand One Hundred and Seventy-One point Zero Zero Eight	26980.668	Twenty-Six Thousand Nine Hundred and Eighty point Six Six Eight
29	28-200	28-200-10	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/mm², including breaking, screening, grading, washing aggregates with clean water, mixing, laying in forms, consolidation to levels, curing, including supply	Cum	689.147	13593.071	Thirteen Thousand Five Hundred and Ninety-Three point Zero	9367624.100	Ninety-Three Lakh Sixty-Seven Thousand Six Hundred and

			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				Zero Seven One		Twenty- Four point One
30	76- 120	76- 120	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/mm², including breaking, screening, grading, washing aggregates with clean 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. 76-120-10: 8mm dia to 30mm dia	kg	73772.310	89.221	Eighty- Nine point Two Two One	6582039.271	Sixty-Five Lakh Eighty- Two Thousand AND Thirty- Nine point Two Seven One
							<b>Grand Total:</b>	46501311.150	Four Crore Sixty-Five Lakh One Thousand Three Hundred and Eleven point One Five

This Bill of Quantities-1 is Electronically Signed by Mr. Md. on behalf of AKA-UCL (JV)