

Individual Report

Tender/Proposal Detail			
Tender/Proposal ID :	235802	Invitation Reference No. :	BWDB/Kish/T-1/1661 DATED: 14/10/2018
Closing Date and Time :	25-Nov-2018 13:20	Opening Date and Time :	25-Nov-2018 13:20
Procuring Entity :	Kishoreganj WD Division		
Brief :	BWDB/Kish/HFMLIP/ PW-22 Construction of A Sub-Mergible Embankment inbetween km. 12.059 to km. 26.998 Total Length 10.463 km B Re-excavation of Khal i Sajna Khal from km. 0.000 to km. 1.000 ii Chandpur Khal from km. 0.000 to km. 0.700 iii Baduti Khal from km. 0.000 to km. 1.000 iv Kanala Khal from km. 0.000 to km. 0.584 v Kursi Khal from km. 0.000 to km. 2.900 vi Bamuna Khal from km. 0.000 to km. 1.400 vii Chouganga Khal from km. 1.700 to km. 1.900 viii Maora Khal from km. 0.000 to km. 1.700 ix Burimara Khal from km. 0.000 to km. 0.439 Total Length9.92 km. C Construction of 4.0m width Causeway at km 7.50 of Kanala Khal D Construction of 3 nos Box Drainage Outlet 900mm x 900mm at km. 19.50 km. 22.30 km. 23.60 E Construction of 6 nos Irrigation Pipe Inlet 600mm dia in different location F General item of Works under Badla Haor Project in Upazilla Itna & Tarail Dist Kishoreganj in C/W Haor flood Managemant and Livelihood Improvement project Under Kishoreganj W.D Division BWDB Kishoreganj during the Financial year 2018-19 & 2019-20		

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FC-A&CO JV (JVCA)

Bill of Quantities-1

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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	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	193.000	350.001	Three Hundred and Fifty point Zero One	67550.193	Sixty-Seven Thousand Five Hundred and Fifty point One Nine Three
			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						

2	16-650-20	16-650-20	test AASTO 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.	Cum	64389.288	160.001	One Hundred and Sixty point Zero One	10302350.469	One Crore Three Lakh Two Thousand Three Hundred and Fifty point Four Six Nine
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	13797.704	380.001	Three Hundred and Eighty point Zero One	5243141.318	Fifty-Two Lakh Forty-Three Thousand One Hundred and Forty-One point Three One Eight
4	16-120-10	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	13797.704	200.001	Two Hundred point Zero One	2759554.598	Twenty-Seven Lakh Fifty-Nine Thousand Five Hundred and Fifty-Four point Five Nine Eight
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	17051.204	75.001	Seventy-Five point Zero One	1278857.351	Twelve Lakh Seventy-Eight Thousand Eight Hundred and Fifty-Seven point Three Five One
			Extra rate for every additional						Seven Lakh Thirty-Three

0	16-190	16-190	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	29328.200	25.001	Twenty-Five point Zero Zero One	733234.328	Thousand Two Hundred and Thirty-Four point Three Two 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	78186.992	16.001	Sixteen point Zero Zero One	1251070.059	Twelve Lakh Fifty-One Thousand AND Seventy point Zero Five Nine
7	48-100	48-100	Fine dressing and close turving 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	122246.610	29.001	Twenty-Nine point Zero Zero One	3545273.937	Thirty-Five Lakh Forty-Five Thousand Two Hundred and Seventy-Three point Nine Three Seven
8	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	38622.000	5.001	Five point Zero Zero One	193148.622	One Lakh Ninety-Three Thousand One Hundred and Forty-Eight point Six Two Two
9	16-220	16-220	Earth work by manual labor in all kinds of soil in construction of cross bundh/ ring bundh as per design and specification with all leads and lifts, throwing the earth in layers not exceeding 150 mm in thickness including breaking clods, rough dressing, clearing the jungle, removing stumps, dug bailing and 75 mm cambering etc. complete as per direction of Engineer in charge	Cum	20081.200	165.001	One Hundred and Sixty-Five point Zero Zero One	3313418.081	Thirty-Three Lakh Thirteen Thousand Four Hundred and Eighteen point Zero Eight One
10	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	198370.770	6.001	Six point Zero Zero One	1190422.991	Eleven Lakh Ninety Thousand Four Hundred and Twenty-Two point Nine Nine One
			Earth work by Mechanical Excavator (long Boom) in all kinds of soil in excavation/ re-excavation of				One Hundred		One Crore Thirty-Six Lakh Eighty

11	16-600-10	16-600-10	channel/canal/khal etc. including disposal of spoil soil up to 30m away from point of excavation with rough dressing and leveling etc. complete as per direction of Engineer- in-charge.	Cum	118609.141	115.001	and Fifteen point Zero One	13640169.824	Forty Thousand One Hundred and Sixty-Nine point Eight Two Four
12	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 trees up to 200 mm girth, dug bailing etc. complete as per direction of Engineer in charge.	cum	34031.140	160.001	One Hundred and Sixty point Zero One	5445016.431	Fifty-Four Lakh Forty-Five Thousand AND Sixteen point Four Three One
13	16-240	16-240	Earth work by manual labor in all kinds of soil in removing 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	5813.200	160.001	One Hundred and Sixty point Zero One	930117.813	Nine Lakh Thirty Thousand One Hundred and Seventeen point Eight One Three
14	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	22.000	1500.001	One Thousand Five Hundred point Zero One	33000.022	Thirty-Three Thousand point Zero Two Two
15	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	38400.000	35.001	Thirty-Five point Zero One	1344038.400	Thirteen Lakh Forty-Four Thousand AND Thirty-Eight point Four
16	12-100	12-100	Installation of pizeometer including supply of 38mm 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	5000.001	Five Thousand point Zero One	30000.006	Thirty Thousand point Zero Zero Six
	16-	16-	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				Two Hundred and		Fourteen Lakh Eighty-One Thousand Two

17	10-310	310-10	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 pi	Cum	5107.833	290.001	Ninety point Zero Zero One	1481276.678	Two Hundred and Seventy-Six point Six Seven Eight
18	16-560-20	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	733.500	800.001	Eight Hundred point Zero Zero One	586800.734	Five Lakh Eighty-Six Thousand Eight Hundred point Seven Three Four
19	44-240	44-240-20	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 , Yield strength =>296 N/mm2, Elongation =15% (Minimum) including all taxes, freights, incidental charges etc. complete as per direction of the Engineer -in- charge. 44-240-30: U-shape, hot- rolled steel sheet pile width= 400mm to 600mm: height=> 100mm, Th.=> 10.5: wt. per sqm of pile wall =>120 kg/m2: sectional modulus per one meter of pile wall width => 874 cm3/m	M ton	14.688	150000.001	One Lakh Fifty Thousand point Zero Zero One	2203200.015	Twenty-Two Lakh Three Thousand Two Hundred point Zero One Five
20	44-270	44-270-20	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 4.50 m depth.	Sqm	183.800	2500.001	Two Thousand Five Hundred point Zero Zero One	459500.184	Four Lakh Fifty-Nine Thousand Five Hundred point One Eight Four
21	44-320	44-320-10	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.	m	33.150	100.001	One Hundred point Zero Zero One	3315.033	Three Thousand Three Hundred and Fifteen point Zero Three Three
			Construction of sump well with dug holes of size 1.80 m x 2.0 m, laying in position the						

22	12-300	12-300	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>=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	7.000	25000.001	Twenty-Five Thousand point Zero Zero One	175000.007	One Lakh Seventy-Five Thousand point Zero Zero Seven
23	72-180	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	367.200	300.001	Three Hundred point Zero Zero One	110160.367	One Lakh Ten Thousand One Hundred and Sixty point Three Six Seven
24	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	656.888	100.001	One Hundred point Zero Zero One	65689.457	Sixty-Five Thousand Six Hundred and Eighty-Nine point Four Five Seven
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	66.300	480.001	Four Hundred and Eighty point Zero Zero One	31824.066	Thirty-One Thousand Eight Hundred and Twenty-Four point Zero Six Six
26	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	79.718	13000.001	Thirteen Thousand point Zero Zero One	1036334.080	Ten Lakh Thirty-Six Thousand Three Hundred and Thirty-Four point Zero Eight
27	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.	Cum	2.860	9000.001	Nine Thousand point Zero Zero One	25740.003	Twenty-Five Thousand Seven Hundred and Forty point Zero Zero Three

[illegible]

30(c)	36-150-20	36-150-20	36-150-20: Deck slab, operating deck slab, top slab of barrel upto 3.5m height with 60-80mm dia barrack bamboo props.	Sqm	33.320	1100.001	One Thousand One Hundred point Zero Zero One	36652.033	Thousand Six Hundred and Fifty-Two point Zero Three Three
							Grand Total:	71438255.309	Seven Crore Fourteen Lakh Thirty-Eight Thousand Two Hundred and Fifty-Five point Three Zero Nine

This Bill of Quantities-1 is Electronically Signed by Mr. Engr. Md. on behalf of FC-A&CO JV