Individual Report

Tender/Proposal Detail			
Tender/Proposal ID :	207688	**Invitation Reference No. :**	T-1/Kish/HFMLIP/85, Dated 21/06/2018
Closing Date and Time :	06-Sep-2018 12:20	**Opening Date and Time :**	06-Sep-2018 12:20
Procuring Entity :	Kishoreganj WD Division		
Brief :	BWDB/ Kish /HFMLIP/PW-25. a Re-excavation of Khal 9.200 km & Re-excavation of River 1.800 km Total11.000 km i. Shankir khal from km 0.290 to km 8.885 8.595 km & ii Bantai river from km 0.000 to km 1.650 1.650 km b Construction of new 5 vent Shankir Regulator at km. 23.46 -01 no. c 6.0 m width Causeway Joyshiddhi at km. 12.38 & Shankir at km.23.46 -02 nos. d 4.0m width causeway over Shankir khal at km.0.020-01 no. e Construction of Drainage Box Sluice/Outlet at km.24.26-01 no. & f Construction of Irrigation Inlet - 15 Nos in different Location of Dakshiner Haor sub-project in C/W Haor Flood Management and Livelihood Improvement Project under Kishoreganj WD Division BWDB Kishoreganj during the financial year 2017-18 & 2018-1940 Package No. BWDB/Kish/HFMLIP/PW-25		

Package No	Package Description
BWDB/ Kish /HFMLIP/PW-25.	a Re-excavation of Khal 9.200 km & Re-excavation of River 1.800 km Total11.000 km i. Shankir khal from km 0.290 to km 8.885 8.595 km & ii Bantai river from km 0.000 to km 1.650 1.650 km b Construction of new 5 vent Shankir Regulator at km. 23.46 -01 no. c 6.0 m width Causeway Joyshiddhi at km. 12.38 & Shankir at km.23.46 -02 nos. d 4.0m width causeway over Shankir khal at km.0.020-01 no. e Construction of Drainage Box Sluice/Outlet at km.24.26-01 no. & f Construction of Irrigation Inlet - 15 Nos in different Location of Dakshiner Haor sub-project in C/W Haor Flood Management and Livelihood Improvement Project under Kishoreganj WD Division BWDB Kishoreganj during the financial year 2017-18 & 2018-19. Package No. BWDB/Kish/HFMLIP/PW-25

MS-RE JV
(JVCA)

BOQ-03

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)
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 morter on top (1:2), with inscription of	Each	69.000	1203.001	One Thousand Two Hundred and Three point Zero Zero One	83007.069	Eighty-Three Thousand AND Seven point Zero Six

			Inscription of "BWDB" with 25cm of the pillar balow ground level etc. complete including ramming the backfill and the cost of all materials as per direction of Engineer in charge.				Zero One		Nine
16	04-180	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, levelling dressing etc. complete as per direction of Engineer in charge.	sqm	55150.000	27.701	Twenty-Seven point Seven Zero One	1527710.150	Fifteen Lakh Twenty-Seven Thousand Seven Hundred and Ten point One Five
17	12-100	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	24.000	2584.201	Two Thousand Five Hundred and Eighty-Four point Two Zero One	62020.824	Sixty-Two Thousand AND Twenty point Eight Two Four
18	16-310	16-310	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 and specification or disposing it to a safe distance including pushing, levelling, dressing, etc. complete as per direction of Engineer in charge. For moving spoil earth upto a distance of 100m	cum	31047.890	246.701	Two Hundred and Forty-Six point Seven Zero One	7659545.511	Seventy-Six Lakh Fifty-Nine Thousand Five Hundred and Forty-Five point Five One One

			from the centre of the pit.						
19	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, 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	1603.500	837.151	Eight Hundred and Thirty-Seven point One Five One	1342371.628	Thirteen Lakh Forty-Two Thousand Three Hundred and Seventy-One point Six Two Eight
20	44-240	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.	M Ton	76.894	215000.001	Two Lakh Fifteen Thousand point Zero Zero One	16532210.077	One Crore Sixty-Five Lakh Thirty-Two Thousand Two Hundred and Ten point Zero Seven Seven
21	44-320	44-320-10	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	363.120	39.159	Thirty-Nine point One Five Nine	14219.416	Fourteen Thousand Two Hundred and Nineteen point Four One Six
			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				Seventeen Thousand		Seven Lakh Seventy

22	12-300	12-300	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	45.000	17211.169	Thousand Two Hundred and Eleven point One Six Nine	774502.605	Seventy-Four Thousand Five Hundred and Two point Six Zero Five
23	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. Flat type : Upto 4.50m depth.	sqm	560.700	1250.749	One Thousand Two Hundred and Fifty point Seven Four Nine	701294.964	Seven Lakh One Thousand Two Hundred and Ninety-Four point Nine Six Four
24	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	2178.720	293.329	Two Hundred and Ninety-Three point Three Two Nine	639081.759	Six Lakh Thirty-Nine Thousand AND Eighty-One point Seven Five Nine
			Supplying and placing 20mm thick hessian cloth impregnated with				Four Hundred		One Lakh Twenty-Five Thousand

25	44-310	44-310	bitumen in expansion joints or on top of sheet piles as per specification and direction of Engineer in charge.	sqm	272.340	461.799	Hundred and Sixty-One point Seven Nine Nine	125766.340	Thousand Seven Hundred and Sixty-Six point Three Four
26	44-220	44-220-10	Supplying and laying single layer pholythene 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	1972.670	31.219	Thirty-One point Two One Nine	61584.785	Sixty-One Thousand Five Hundred and Eighty-Four point Seven Eight Five
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 Stone chips.	cum	244.190	10954.479	Ten Thousand Nine Hundred and Fifty-Four point Four Seven Nine	2674974.227	Twenty-Six Lakh Seventy-Four Thousand Nine Hundred and Seventy-Four point Two Two Seven
28	28-100	28-100-20	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	11.989	10601.189	Ten Thousand Six Hundred and One point One Eight Nine	127097.655	One Lakh Twenty-Seven Thousand AND Ninety-Seven point Six Five Five

			28-100-20 With Stone chips.						
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 and washing aggregates with clear 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. 28-200-10 With stone chips.	cum	1640.063	11674.489	Eleven Thousand Six Hundred and Seventy-Four point Four Eight Nine	19146897.453	One Crore Ninety-One Lakh Forty-Six Thousand Eight Hundred and Ninety-Seven point Four Five Three
30	76-120	76-120-10	M.S. Work for reinforcement with twisted M.S. bar, fy = 414 N/mm2, (made from billet) in RCC works, including local handling, cutting, forging, bending, cleaning and fabrication with supply of twisted M.S. bar in different sizes and binding with 22 to 18 gages G.I. wire etc. complete including the cost of all materials as per direction of Engineer in charge. 8mm dia to 30mm dia.	kg	173530.550	77.339	Seventy-Seven point Three Three Nine	13420679.206	One Crore Thirty-Four Lakh Twenty Thousand Six Hundred and Seventy-Nine point Two Zero Six
			Form work for centering and water tight shuttering as per drawing with 14 BWG M.S. sheet, fitted and fixed with 40mm x 40mm x 6mm M.S. Angle frame and 25mm x						

31 (a)	36-150	36-150-60	6mm F.I. bar stiffener, with necessary fabrication, welding, making the forms including fitting, fixing of steel forms with necessary ties, battens, struts, nuts & bolts, props etc. as per designed shape and size including levelling and removing the forms after specified period including the cost of all materials as per direction of Engineer in charge. a) 36-150-60 : Footing, footing beams, girder beams, foundation slab with 60-80mm dia barrack bamboo props.	sqm	1499.546	735.349	Seven Hundred and Thirty-Five point Three Four Nine	1102689.652	Eleven Lakh Two Thousand Six Hundred and Eighty-Nine point Six Five Two
31(b)	36-150	36-150-10	b) 36-150-10: Vertical and inclined walls, columns, piers with 60-80mm dia barrack bamboo props.	sqm	4054.480	909.689	Nine Hundred and Nine point Six Eight Nine	3688315.857	Thirty-Six Lakh Eighty-Eight Thousand Three Hundred and Fifteen point Eight Five Seven
31(c)	36-150	36-150-20	(C) 36-150-20: Deck slab, operating deck slab, top slab of barrel upto 3.5m of height with 60-80mm dia barrack bamboo props.	sqm	82.550	921.908	Nine Hundred and Twenty-One point Nine Zero Eight	76103.505	Seventy-Six Thousand One Hundred and Three point Five Zero Five
32	16-520	16-520-10	Supplying and filling sand in foundation of hydraulic structures, buildings and in protective works with selected sand, in 150mm thick layer, including levelling, dressing, ramming, watering etc. complete (compacted to 50% relative	cum	2838.280	1420.061	One Thousand Four Hundred and Twenty point Zero	4030530.735	Forty Lakh Thirty Thousand Five Hundred and Thirty point

			50% relative density by manual laqbour using mallet/vibro compactor) as per direction of Engineer in charge. 16-520-10 : Sand of FM>= 1.50				Six One		Seven Three Five
33(a)	40-610	40-610-20	Supplying and laying dry 1st class or pick jhama chips as filter in two layers (top and bottom) as per specific size, range and gradation, including breaking chips, grading, preparation of surface, compacting each layer etc. complete with supply of all materials and as per direction of Engineer in charge. A) Well graded between 40mm to 20mm size.	cum	186.260	3730.469	Three Thousand Seven Hundred and Thirty point Four Six Nine	694837.156	Six Lakh Ninety-Four Thousand Eight Hundred and Thirty-Seven point One Five Six
33(b)	40-610	40-610-30	B) Well graded between 20mm to 5mm size. (Combination of sub-item 10 and 30 or 20 and 30 shall be used)	cum	206.130	4076.009	Four Thousand AND Seventy-Six point Zero Zero Nine	840187.735	Eight Lakh Forty Thousand One Hundred and Eighty-Seven point Seven Three Five
34 (a)	40-140	40-140-50	Manufacturing and supplying C.C. blocks in leanest mix. 1:3:6, with cement, sand (FM>= 1.5) and shingles (40mm down graded), to attain a minimum 28 days cylinder strength of 9.0 N/mm2 including grading, washing shingles, mixing, laying in forms, consolidation, curing for at least 21 days, including preparation of platform, shuttering and stacking in measurable stacks etc. complete	each	38836.000	317.001	Three Hundred and Seventeen point Zero Zero One	12311050.836	One Crore Twenty-Three Lakh Eleven Thousand AND Fifty point Eight Three Six

			including supply of all materials (steel shutter to be used) as per direction of Engineer in charge. A) 40-140-50: Block size 30cm x 30cm x 30cm						
34 (b)	40-140	40-140-40	B) 40-140-40: Block size 40cm x 40cm x 20cm	each	9660.000	381.459	Three Hundred and Eighty-One point Four Five Nine	3684893.940	Thirty-Six Lakh Eighty-Four Thousand Eight Hundred and Ninety-Three point Nine Four
35	40-220	40-220-10	Labour charge for protective works in laying C.C. blocks of different sizes including preparation of base, watering and ramming of base etc. complete as per direction of the Engineer in charge. 40-220-10 Within 200m	cum	1404.260	1145.879	One Thousand One Hundred and Forty-Five point Eight Seven Nine	1609112.045	Sixteen Lakh Nine Thousand One Hundred and Twelve point Zero Four Five
			Supplying and placing non-woven needle punched type geotextile fabric as filter materials of elongation at maximum force machine direction (MD) >=60% and <= 100 % , elongation at maximum force (CMD) => 40% and <= 100% ,horizontal and vertical permeability (under 2 kn/m² pressure)=>2x10E-3 m/sec. foreffective erosion protection in hydraulic structures /river training works including local handling, placing in position, providing machine seamed joints (with 100% polypropeline or nylon thread) or						Three Lakh Twenty-Five

36	40-600	40-600-20	35cm lap in dry condition or minimum 100cm lap under water including protecting the geotextile material from UV ray and from any other damagesincluding supply of all materials, labours, equipments etc. complete as per direction of Engineer in charge.(Geotextile delivered at site should be certified by ISO and clearly labelled with brand name and grade printed at regular intervals accross the body of the fabric). 40-600-20 . Mass =>250 gm/m², thickness(Under 2 kpa pressure) =>2.00 mm, EoS<=0.11mm, strip tensile strength =>15 kn/m, grab strength =>850 N, CBR puncture resistance =>2200 N.	sqm	1710.230	190.469	One Hundred and Ninety point Four Six Nine	325745.798	Thousand Seven Hundred and Forty-Five point Seven Nine Eight
37	16-140	16-140-10	Earth work by manual labour in resectioning of embankment/ canal bank/ river slopes/road /compound etc. manually compacted by 7.0 kg iron rammer to avoid any air pocket in 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 profile in layers not exceding 150mm thickness with clod breaking to a maximum size of 100mm, removing roots & stumps of trees of girth upto 200mm	cum	11614.930	187.789	One Hundred and Eighty-Seven point Seven Eight Nine	2181156.090	Twenty-One Lakh Eighty-One Thousand One Hundred and Fifty-Six point Zero

			from the ground, benching the side slopes, stripping/ploughing the base of embankment and borrowpit areas, dug bailing, bail out of water, rough dressing including 150mm cambering at the centre of the crest (where necessary) etc. complete as per direction of Engineer in charge. 16-140-10: 0.00m to 3.00m height.						Zero Nine
38	16-200	16-200	Extra rate for every additional lift of 1.0m or part thereof beyond the initial lift of 1.5m (30cm negleted) for all kinds of earth work. A) Extra - 1 (One) No Lift	pld/cum	30814.160	10.899	Ten point Eight Nine Nine	335843.530	Three Lakh Thirty-Five Thousand Eight Hundred and Forty-Three point Five Three
39	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 negleted) for all kinds of earth work. A) Extra - 1 (One) No Lead	pld/cum	7961.830	14.569	Fourteen point Five Six Nine	115995.901	One Lakh Fifteen Thousand Nine Hundred and Ninety-Five point Nine Zero One
40	04-280	04-280	Constructing at site, cement mortar gauge on masonry wall, including engraving in meter, decimeter & centimeter, painting and figuring with black and red water proof paint, etc. complete as per direction of Engineer in charge.	m	36.000	77.729	Seventy-Seven point Seven Two Nine	2798.244	Two Thousand Seven Hundred and Ninety-Eight point Two Four Four
							Grand Total:	95892224.693	Nine Crore Fifty-Eight Lakh Ninety-Two Thousand Two

									Hundred and Twenty-Four point Six Nine Three

This BOQ-03 is Electronically Signed by Mr. Md on behalf of MS-RE JV