

Individual Report

Tender/Proposal Detail			
Tender/Proposal ID :	129251	Invitation Reference No. :	T-1/BWDB/Kishore/6348 , Date: 22/10/2017
Closing Date and Time :	13-Nov-2017 14:40	Opening Date and Time :	13-Nov-2017 14:40
Procuring Entity :	Kishoreganj WD Division BWDB/Kish/HFMLIP/PW-11. Construction of Sub mergible embankment from km.12.400 to km. 23.260 10.860 km. and Construction of New Regulators 2 vent 1.50m x 1.80m over lalpur khal at km 16.13 in Noapara Haor Sub -Project in C/W Haor flood Management and Livelihood Improvement project Under Kishoreganj W.D DivisionBWDBKishoreganj During the Financial year 2017-18&2018-19 Special Instructions: 01. Tenderers should visit the working site before submission of tender. 02. RDPP is in approval process. Notification of Award (NOA) will be issued after approval of RDPP. 03. No claim what so ever will be entertained if NOA is not issued. 04. The work of the packages may be totally dropped, decrease or increase as per field condition/design/budget allocation for which no claim shall be entertained. 05. According to PPA 2006 Act 7(3) (Amendment) The Tenders having quoted the offer in percentage is more than 10%(ten percent) above or less than 10%(ten percent) less of the official estimated cost will be rejected. 06. In case of credit line certificate, it should be in Letter of Commitment for Bank's under taking for Line of Credit(Form PW3-7) that attached in section -8. No alteration is allowed, in failing, tender may not be accepted. In case of Bank Statement, the amount of minimum balance shall remain constant of Tk. 145.00 Lakhs during the evaluation period. During verification, required amount of Liquid Asset if not found available in Tenderer mentioned account, then the submitted bank statement will not be considered in the evaluation. For the winner bidder, this amount shall have to be used as a working capital for this package. In this regards, Tenderer has to be submitted a commitment I &am		
Brief :			

Package No	Package Description
BWDB/Kish/HFMLIP/PW-11.	Construction of Sub mergible embankment from km.12.400 to km. 23.260 10.860 km. and Construction of New Regulators 2 vent 1.50m x 1.80m over lalpur khal at km 16.13 in Noapara Haor Sub -Project in C/W Haor flood Management and Livelihood Improvement project Under Kishoreganj W.D DivisionBWDBKishoreganj During the Financial year 2017-18&2018-19

MARCO_MANIR JV (JVCA)									
Bill of Quantities-1 (Submersible 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	04-120 (Submersible Road)	04-120	Construction of B.M. Pillars at site with first class bricks in cement mortar (1:4) of size 38cmx38cm x75cm on cement concrete (1:2:4) base of size 50cmx50cmx7.5cm with 12mm thick cement plastering (1:2) on exposed surfaces of pillar and cement mortar on top (1:2), with inscription of	each	23.000	1203.771	One Thousand Two Hundred and Three point Seven	27686.733	Twenty-Seven Thousand Six Hundred and Eighty-Six point

			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.				Seven Seven One		Seven Three Three
2	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	881.000	290.481	Two Hundred and Ninety point Four Eight One	255913.761	Two Lakh Fifty-Five Thousand Nine Hundred and Thirteen point Seven Six One
3	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 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	cum	65493.180	126.321	One Hundred and Twenty- Six point Three Two One	8273163.991	Eighty- Two Lakh Seventy- Three Thousand One Hundred and Sixty- Three point Nine Nine One
			Earth work by carried						

4	16-410	16-410-10	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. 16-410-10: 300m to 1.00 km. (85% compaction)	cum	21831.060	346.281	Three Hundred and Forty-Six point Two Eight One	7559681.288	Seventy-Five Lakh Fifty-Nine Thousand Six Hundred and Eighty-One point Two Eight Eight
5	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. 0 m to 3 m height with 85% compaction.	cum	21831.060	182.931	One Hundred and Eighty-Two point Nine Three One	3993577.637	Thirty-Nine Lakh Ninety-Three Thousand Five Hundred and Seventy-Seven point Six Three Seven
6(a)	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. a) 2 nos lead	two lead/cum	10915.530	29.141	Twenty-Nine point One Four One	318089.460	Three Lakh Eighteen Thousand AND Eighty-Nine point Four Six
6(b)	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. b) 1 nos lead	pld/cum	10915.530	14.571	Fourteen point Five Seven One	159050.188	One Lakh Fifty-Nine Thousand AND Fifty point One Eight Eight
7	48-100	48-100	Fine dressing and close turbing 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	sqm	80364.000	26.171	Twenty-Six point One Seven One	2103206.244	Twenty-One Lakh Three Thousand Two Hundred and Six point Two Four

			(measurement will be given on well grown grass only). as per direction of Engineer in charge						Four
8	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	87324.240	14.471	Fourteen point Four Seven One	1263669.077	Twelve Lakh Sixty-Three Thousand Six Hundred and Sixty-Nine point Zero Seven Seven
9	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. (6 rows each side)	m	130320.000	4.471	Four point Four Seven One	582660.720	Five Lakh Eighty-Two Thousand Six Hundred and Sixty point Seven Two
10	56-100 (Block Road)	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	2199.150	135.005	One Hundred and Thirty-Five point Zero Zero Five	296896.246	Two Lakh Ninety-Six Thousand Eight Hundred and Ninety-Six point Two Four Six
11	56-110	56-110	Construction of improved road sub-grade of sand (FM >= 0.8) in maximum 150mm thick layer including dressing, levelling, ramming, watering, cambering and compacting to attain minimum CBR-8% by drawing and direction of Engineer in charge (payment shall be made on compacted volume).	cum	733.050	733.121	Seven Hundred and Thirty-Three point One Two One	537414.349	Five Lakh Thirty-Seven Thousand Four Hundred and Fourteen point Three Four Nine
12	Approved Analysis Rate	Approved Analysis Rate	Preparation of Bed by cutting and filling including watering to bring moisture +2% of OMC & compaction by appropriate mechanical means etc to attain minimum compaction 98% of MDD (standard) to obtain a minimum soaked CBR 4 & etc all complete as per direction of the Engineer in charge.	sqm	4887.000	11.309	Eleven point Three Zero Nine	55267.083	Fifty-Five Thousand Two Hundred and Sixty-Seven point Zero Eight Three

13	Approved Analysis Rate	Approved Analysis Rate	Manufacturing and supplying of 30cm x 30cm x 30cm C.C Block in leanest mix. 1:2:4, with cement, sand (Fm >= 1.5) and stone chips (40mm down graded), to attain a minimum 28 days cylinder strength of 15.0 N/mm ² including grading, washing stone chips, mixing laying in forms, consolidation, curing for at least 21 days, including preparation of platform, shuttering and stacking in measureable stacks etc complete including supply of all materials (steel shutter to be used) as per direction of Engineer in Charge. Block size 30cm x 30cm x 30 cm	each	49006.000	340.001	Three Hundred and Forty point Zero One	16662089.006	One Crore Sixty-Six Lakh Sixty-Two Thousand AND Eighty-Nine point Zero Six
14	Approved Analysis Rate	Approved Analysis Rate	Manufacturing and supplying of trapezoidal size 100cm x 65cm x (10-15)cm C.C. blocks in leanest mix. 1:2:4 with cement, sand (FM >= 1.5) and Stone Chips (40mm down graded) to attain a minimum 28 days cylinder strength of 15.0 N/mm ² including grading, washing stone chips, mixing, laying in forms, consolidation, curing for at least 21 days, including preparation of platform, shuttering and stacking in measurable stacks etc. complete including supply of all materials (steel shutter to be used) as per direction of Engineer in charge. Block size 100 cm x 65 cm x 12.5 cm	each	3258.000	977.181	Nine Hundred and Seventy-Seven point One Eight One	3183655.698	Thirty-One Lakh Eighty-Three Thousand Six Hundred and Fifty-Five point Six Nine Eight
15	24-310	24-310-10	Flush pointing to brick works, in sand cement mortar (sand of FM >= 1.3), including scaffolding, curing, raking out joints, clearing the surface etc. complete in all floors including the cost of all materials and as per direction of Engineer in charge. 24-310-10: proportion 1:2	sqm	4887.000	162.471	One Hundred and Sixty-Two point Four Seven One	793995.777	Seven Lakh Ninety-Three Thousand Nine Hundred and Ninety-Five point Seven Seven Seven
			Labour charge for protective work in laying sand cement blocks of different sizes including				Two Thousand AND		Thirty-Two Lakh Eighteen Thousand

16	40-220	40-220-10	preparation of base, ramming of base etc. complete as per direction of the Engineer in charge: 40-220-10: Beyond 200m.	cum	1587.870	2027.041	AND Twenty-Seven point Zero Four One	3218677.593	Six Hundred and Seventy-Seven point Five Nine Three
17	36-150	36-150-10	Formwork for centering and water tight shuttering as per drawing with 14 BWG M.S. sheet, fitted and fixed with 40mmx40mmx6mm M.S. angle frame and 25mmx6mm 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 desired 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. 36-150-10: Vertical and inclined walls, columns, piers with 60-80mm dia barrack bamboo props.	sqm	14.440	909.691	Nine Hundred and Nine point Six Nine One	13135.938	Thirteen Thousand One Hundred and Thirty- Five point Nine Three Eight
18	76-120	76-120-10	M.S. Work for reinforcement with deformed M.S. bar, $f_y=414 \text{ N/mm}^2$, (made from billet) in RCC works, including local handling, cutting, forging, bending, cleaning and fabrication with supply of deformed 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. 76-120-10: 8mm dia to 30mm dia	kg	68.380	77.341	Seventy-Seven point Three Four One	5288.578	Five Thousand Two Hundred and Eighty- Eight point Five Seven Eight
19	76-115	76-115-10	M.S Work for reinforcement with Standard deformed bar $f_y=276 \text{ N/mm}^2$ in RCC works including local handling, cutting, forging, bending, cleaning and fabrication with supply of deformed M.S. bar in different sizes and bending with 22 to 18 gages G.I. wire etc. complete including the cost of all materials as per direction of Engineer in charge.	kg	14.360	74.371	Seventy-Four point Three Seven One	1067.968	One Thousand AND Sixty- Seven point Nine Six Eight

			76-115-10: 6mm dia .						
20	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 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	14.440	11674.491	Eleven Thousand Six Hundred and Seventy-Four point Four Nine One	168579.650	One Lakh Sixty-Eight Thousand Five Hundred and Seventy-Nine point Six Five
21	04-110	04-110	Fixing in position, boundary pillars/bench mark pillars/K.M. post etc. of size 110cm height, bottom dia 25cm and top dia 20cm, embedded 45cm below G.L. including carriage, earth cutting, filling, ramming, etc. complete as per direction of Engineer in charge	each	12.000	47.911	Forty-Seven point Nine One One	574.932	Five Hundred and Seventy-Four point Nine Three Two
22	40-540	40-450-20	Supplying, sizing and placing of barrack bamboo pins and stays of diameter >= 8.0 cm in position etc. complete as per direction of Engineer in charge. 40-450-20 : Length: >= 2.0 m to < 4.5 m.	nos	5431.000	131.551	One Hundred and Thirty-One point Five Five One	714453.481	Seven Lakh Fourteen Thousand Four Hundred and Fifty-Three point Four Eight One
23	40-550	40-550-10	Labour charge for driving barrack bamboo pins of diameter >= 8.0 cm, by hammer or monkey hammer, as per direction of Engineer in charge. 40-550-10 : >= 1.50 m to <= 2.0 m drive, on dry land.	m	8146.500	132.941	One Hundred and Thirty-Two point Nine Four One	1083003.857	Ten Lakh Eighty-Three Thousand AND Three point Eight Five Seven
24	40-560	40-560-10	Supplying, sizing and fitting in position 8.0 cm and above dia in size full barrack bamboo half split walling pieces with nails average 1.00 m apart including supply of all materials as per direction of Engineer in charge. 40-560-10 : Double Walling	m	21720.000	64.531	Sixty-Four point Five Three One	1401613.320	Fourteen Lakh One Thousand Six Hundred and Thirteen point Three Two

25	40-580	40-580	Supplying and placing in position and fitting, fixing single layer tarjah doubly woven matting with necessary ties including the cost of all materials etc. complete as per direction of Engineer in charge.	sqm	8145.000	162.451	One Hundred and Sixty-Two point Four Five One	1323163.395	Thirteen Lakh Twenty-Three Thousand One Hundred and Sixty-Three point Three Nine Five
26	Approved Analysis Rate	Approved 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	967050.851	Nine Lakh Sixty-Seven Thousand AND Fifty point Eight Five One	967050.851	Nine Lakh Sixty-Seven Thousand AND Fifty point Eight Five One
27	Approved Analysis Rate	Approved 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 Charge.	DAY	150.000	2497.861	Two Thousand Four Hundred and Ninety-Seven point Eight Six One	374679.150	Three Lakh Seventy-Four Thousand Six Hundred and Seventy-Nine point One Five
28	Approved Analysis Rate	Approved Analysis Rate	Demobilization and clean-up of the site upon completion of the works, as per Technical Specification, Contractor's Method Statement and as per direction of Engineer in Charge.	LS	1.000	112344.101	One Lakh Twelve Thousand Three Hundred and Forty-Four point One Zero One	112344.101	One Lakh Twelve Thousand Three Hundred and Forty-Four point One Zero One
			Providing and maintaining adequate portable water supply				One Lakh		One Lakh

29	Approved Analysis Rate	Approved Analysis Rate	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 hygenic and healthy environment at allover the working sithe as per direction of the engineer in charge.	LS	1.000	111148.951	Eleven Thousand One Hundred and Forty-Eight point Nine Five One	111148.951	Eleven Thousand One Hundred and Forty-Eight point Nine Five One
30	Approved Analysis Rate	Approved 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	92026.551	Ninety-Two Thousand AND Twenty-Six point Five Five One	92026.551	Ninety-Two Thousand AND Twenty-Six point Five Five One
31	Approved Analysis Rate	Approved 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
							Grand Total:	55763735.495	Five Crore Fifty-Seven Lakh Sixty-Three Thousand Seven Hundred and Thirty-Five point Four Nine Five

This Bill of Quantities-1 (Submersible Embankment) is Electronically Signed by Mr. Shaikh on behalf of MARCO_MANIR JV