

Individual Report

Tender/Proposal Detail			
Tender/Proposal ID :	123264	Invitation Reference No. :	BWDB/HFMLIP/Kish/6227 ,Dated: 24-09-2017
Closing Date and Time :	02-Nov-2017 13:30	Opening Date and Time :	02-Nov-2017 13:30
Procuring Entity :	Kishoreganj WD Division		
Brief :	<p>Package No. BWDB/Kish/HFMLIP/PW-24 Construction of Sub mersible embankment in between km.0.00 to km. 33.520=19.843 km in Dakshiner Haor Sub -Project in C/W Haor flood Management and Livelihood Improvement project Under Kishoreganj W.D DivisionBWDB Kishoreganj During the Financial year 2017-18 & 2018-19 .</p> <p>Special Instructions:</p> <p>01. Tenderers should visit the working site before submission of tender.</p> <p>02. RDPP is in approval process,Notification of Award (NOA) will be issued after approval of RDPP.</p> <p>03. No claim what so ever will be entertained if NOA is not issued.</p> <p>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.</p> <p>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.</p> <p>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. 200.00 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 commitmen letter.</p>		

Package No	Package Description
BWDB/ Kish /HFMLIP/PW-24.	Construction of Sub mersible embankment in between km.0.00 to km. 33.520 19.843 km in Dakshiner Haor Sub -Project in C/W Haor flood Management and Livelihood Improvement project Under Kishoreganj W.D DivisionBWDB Kishoreganj During the Financial year 2017-18 & 2018-19 . Package No. BWDB/Kish/HFMLIP/PW-24

FC-MS JV (JVCA)									
Bill of Quantities									
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	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 "BWDB" with 25cm of the pillar below ground	each	41.000	1183.061	One Thousand One Hundred and Eighty-Three point Zero Six One	48505.501	Forty-Eight Thousand Five Hundred and Five point Five Zero One

			level etc. complete including ramming the backfill and the cost of all materials as per direction of Engineer in charge.						
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	1591.000	256.007	Two Hundred and Fifty-Six point Zero Zero Seven	407307.137	Four Lakh Seven Thousand Three Hundred and Seven point One Three Seven
3	16-650	16-650-10	<p>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.</p> <p>16-650-10 : Embankment by Mech. Equipment; ht: 0 to 4m; 85% compaction.</p>	cum	127830.980	144.118	One Hundred and Forty-Four point One One Eight	18422745.176	One Crore Eighty-Four Lakh Twenty-Two Thousand Seven Hundred and Forty-Five point One Seven Six
			Earth work by carried earth (by truck/boat or any other means)						

4	16-410	16-410-10	<p>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-excitation 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.</p> <p>16-410-10 : 300m to 1.00 km. (85% compaction)</p>	cum	70267.340	301.217	Three Hundred and One point Two One Seven	21165717.353	Two Crore Eleven Lakh Sixty-Five Thousand Seven Hundred and Seventeen point Three Five Three
5	16-120	16-120-10	<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 ... , (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>16-120-10 : 0 m to 3 m height with 85% compaction.</p>	cum	57563.650	187.269	One Hundred and Eighty-Seven point Two Six Nine	10779887.172	One Crore Seven Lakh Seventy-Nine Thousand Eight Hundred and Eighty-Seven point One Seven Two
6(a)	16-190	16-190	<p>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.</p> <p>a) 1 no lead</p>	pld/cum	28781.820	14.641	Fourteen point Six Four One	421394.627	Four Lakh Twenty-One Thousand Three Hundred and Ninety-Four point Six Two Seven
6(b)	16-190	16-190	<p>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) 2 nos lead</p>	Two lead/cum	28781.820	29.282	Twenty-Nine point Two Eight Two	842789.253	Eight Lakh Forty-Two Thousand Seven Hundred and Eighty-Nine point Two Five Three
7	40-650-30	40-650-30	<p>Supplying and laying sand as filter layers as per specific size ranges and gradation including preparation of surface, compacting in layer etc. complete with supply of all materials and as per direction of Engineer in</p>	cum	434.420	925.971	Nine Hundred and Twenty-Five point Nine Seven One	402260.322	Four Lakh Two Thousand Two Hundred and Sixty point Three Two Two

			charge. FM : 1.0 to 1.5						TWO TWO
8	40-600-20	40-600-20	<p>Supplying and placing non-woven needle punched type geotextile fabric (100% polypropylene fabric, unit weight 855kg/m³ tp946 kg/m³) as filter materials of elongation at maximum force machine direction (MD) =>60% and <=100%, elongatio at maqximum force (CMD) =>40% and <=100% horizontal and vertical permeability (under 2 kn/m² pressure) =>2 x 10E-3 m/sec.for efective erosion protection in hydraulic structures/river training works including local handling, placing in position, providing machine seamed joints (with 100% polypropylene or nylon thread) or 35cm lap in dry condition or minimum 100cm lap under water including protecting the geotextile material from UV ray and from any other damages including supply of all materials, labors, equipment's 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 across the body of the fabric) Mass => 300 gm/m², thickness (Under 2 kpa pressure) =>2.00mm, EoS<=0.11mm, strip tensile strength =>15kn/m, grab strength =>850N, CBR Puncture resistance =>2200 N</p>	sqm	4758.400	148.954	One Hundred and Forty-Eight point Nine Five Four	708782.714	Seven Lakh Eight Thousand Seven Hundred and Eighty-Two point Seven One Four
9(a)	40-610-20	40-610-20	<p>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. Well graded between</p>	cum	217.210	3607.893	Three Thousand Six Hundred and Seven point Eight Nine Three	783670.439	Seven Lakh Eighty-Three Thousand Six Hundred and Seventy point Four Three Nine

			40mm to 20mm size.						
9(b)	40-610-30	40-610-30	Well graded between 20mm to 5mm size.	cum	217.210	3919.704	Three Thousand Nine Hundred and Nineteen point Seven Zero Four	851398.906	Eight Lakh Fifty-One Thousand Three Hundred and Ninety-Eight point Nine Zero Six
10 (a)	40-140-40	40-140-40	Manufacturing and supplying C.C. blocks in leanest mix. 1:3:6, with cement, sand (FM>=1.5) and Stone Chips (40mm down graded), to attain a minimum 28 days cylinder strength of 9.0 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 40cm x 40cm x 20cm	nos	26412.000	367.006	Three Hundred and Sixty-Seven point Zero Zero Six	9693362.472	Ninety-Six Lakh Ninety-Three Thousand Three Hundred and Sixty-Two point Four Seven Two
10 (b)	40-140-35	40-140-35	block size 40cm x 40cm x 40cm	nos	1300.000	711.482	Seven Hundred and Eleven point Four Eight Two	924926.600	Nine Lakh Twenty-Four Thousand Nine Hundred and Twenty-Six point Six
11 (a)	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. Within 200m	cum	464.190	1145.331	One Thousand One Hundred and Forty-Five point Three Three One	531651.197	Five Lakh Thirty-One Thousand Six Hundred and Fifty-One point One Nine Seven
11 (b)	40-220	40-220-20	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. Beyond 200m	cum	464.190	2030.667	Two Thousand AND Thirty point Six Six Seven	942615.315	Nine Lakh Forty-Two Thousand Six Hundred and Fifteen point Three One Five
			Fine dressing and close turfing of the slopes and the crest of						

12	48-100	48-100	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 turfgrows properly, maintaining etc. complete (measurement will be given onwell grown grass only). as per direction of Engineer in charge.	sqm	355563.400	26.293	Twenty-Six point Two Nine Three	9348828.476	Ninety-Three Lakh Forty-Eight Thousand Eight Hundred and Twenty-Eight point Four Seven Six
13	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	238116.000	4.497	Four point Four Nine Seven	1070807.652	Ten Lakh Seventy Thousand Eight Hundred and Seven point Six Five Two
14	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	172690.940	16.732	Sixteen point Seven Three Two	2889464.808	Twenty-Eight Lakh Eighty-Nine Thousand Four Hundred and Sixty-Four point Eight Zero Eight
15	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	25.380	889.707	Eight Hundred and Eighty-Nine point Seven Zero Seven	22580.764	Twenty-Two Thousand Five Hundred and Eighty point Seven Six Four
			M.S. Work for reinforcement with deformed M.S. bar,						

16	76-120	76-120-10	fy=414 N/mm², (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	120.180	53.808	Fifty-Three point Eight Zero Eight	6466.645	Six Thousand Four Hundred and Sixty-Six point Six Four Five
17	76-115	76-115-10	M.S Work for reinforcement with Standard deformed bar fy=276 N/mm² 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. 76-115-10: 6mm dia .	kg	25.240	77.711	Seventy-Seven point Seven One One	1961.426	One Thousand Nine Hundred and Sixty-One point Four Two Six
18	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	25.380	12027.543	Twelve Thousand AND Twenty-Seven point Five Four Three	305259.041	Three Lakh Five Thousand Two Hundred and Fifty-Nine point Zero Four One
19	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	41.000	48.135	Forty-Eight point One Three Five	1973.535	One Thousand Nine Hundred and Seventy-Three point Five Three Five

20	40-540	40-540-20	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. 40-540-20 : Length: >= 2.0 m to < 4.5 m.	nos	12403.000	114.251	One Hundred and Fourteen point Two Five One	1417055.153	Fourteen Lakh Seventeen Thousand AND Fifty-Five point One Five Three
21	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	14883.600	133.451	One Hundred and Thirty-Three point Four Five One	1986231.304	Nineteen Lakh Eighty-Six Thousand Two Hundred and Thirty-One point Three Zero Four
22	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	39686.000	58.742	Fifty-Eight point Seven Four Two	2331235.012	Twenty-Three Lakh Thirty-One Thousand Two Hundred and Thirty-Five point Zero One Two
23	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	14882.250	187.166	One Hundred and Eighty-Seven point One Six Six	2785451.204	Twenty-Seven Lakh Eighty-Five Thousand Four Hundred and Fifty-One point Two Zero Four
24	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	LS	1.000	964127.505	Nine Lakh Sixty-Four Thousand One Hundred and Twenty-Seven point Five Zero Five	964127.505	Nine Lakh Sixty-Four Thousand One Hundred and Twenty-Seven point Five Zero Five

			and as per Contractor's method Statement and as per direction of Engineer in Charge.						
25	Approved Analysis rate	Approved Analysis rate	Peovide 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	120.000	2491.888	Two Thousand Four Hundred and Ninety-One point Eight Eight Eight	299026.560	Two Lakh Ninety-Nine Thousand AND Twenty-Six point Five Six
26	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	112062.045	One Lakh Twelve Thousand AND Sixty-Two point Zero Four Five	112062.045	One Lakh Twelve Thousand AND Sixty-Two point Zero Four Five
27	Approved Analysis rate	Approved Analysis rate	Providing and maintaining adequate portable water supply 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	110874.066	One Lakh Ten Thousand Eight Hundred and Seventy-Four point Zero Six Six	110874.066	One Lakh Ten Thousand Eight Hundred and Seventy-Four point Zero Six Six
28	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	917755.685	Nine Lakh Seventeen Thousand Seven Hundred and Fifty-Five point Six Eight Five	917755.685	Nine Lakh Seventeen Thousand Seven Hundred and Fifty-Five point Six Eight Five
			Operate, maintain of				One Lakh		One Lakh

29	Approved Analysis rate	Approved Analysis rate	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	110635.036	One Lakh Ten Thousand Six Hundred and Thirty- Five point Zero Three Six	110635.036	One Lakh Ten Thousand Six Hundred and Thirty- Five point Zero Three Six
30	NSI	NSI	Environmental Monitoring through Sample Collection and analysis such as Air quality test, Surface water test, Sound Level monitoring, Traffic signs and road navigation, safety provisions with first aid and medical Assistant as per direction of engineer in charge.	LS	1.000	249368.048	Two Lakh Forty-Nine Thousand Three Hundred and Sixty- Eight point Zero Four Eight	249368.048	Two Lakh Forty-Nine Thousand Three Hundred and Sixty- Eight point Zero Four Eight
							Grand Total:	91858178.149	Nine Crore Eighteen Lakh Fifty-Eight Thousand One Hundred and Seventy- Eight point One Four Nine

S. No.	Mapped Document Name	File Name	File Size(In Kb)
1	Analysis Template	BWDB Rate Analysis 123264.pdf	89.96

This Bill of Quantities is Electronically Signed by Mr. Engr. Md. on behalf of FC-MS JV