

Individual Report

Tender/Proposal Detail			
Tender/Proposal ID :	126578	Invitation Reference No. :	BWDB/HFMLIP/Kish/6313 ,Dated: 11-10-2017
Closing Date and Time :	22-Nov-2017 14:30	Opening Date and Time :	22-Nov-2017 14:30
Procuring Entity :	Kishoreganj WD Division		
Brief :	<p>BWDB/Kish/HFMLIP/PW-17 Construction of a Submergible Embankment around Naogaon Haor Part-B in between KM 30.420 to KM 44.200 13.170 KM b Bagadia Khal Rehulator 1-Vent1.50m1.80m at KM 14.52 of Naogaon Haor Part-B c Neora Khal Rehulator 4-Vent1.50m1.80m at KM 44.230 of Naogaon Haor Part-B d 25 nos Irrigation Pipe Inlet at different chainages of Part-A & Part-B and e 5 nos Box Drainage Outlet at different chainages of Part-A and Part-B of Naogaon Haor Sub-Project in c/w Haor Flood Management and Livelihood Improvement Project BWDB Part under Kishoregange WD Division BWDB Kishoreganj during the FY2016-17 & FY2017-18.</p> <p>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. 275.00 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.</p>		

Package No	Package Description
BWDB/Kish/HFMLIP/PW-17	Construction of a Submergible Embankment around Naogaon Haor Part-B in between KM 30.420 to KM 44.200 13.170 KM b Bagadia Khal Rehulator 1-Vent1.50m1.80m at KM 14.52 of Naogaon Haor Part-B c Neora Khal Rehulator 4-Vent1.50m1.80m at KM 44.230 of Naogaon Haor Part-B d 25 nos Irrigation Pipe Inlet at different chainages of Part-A & Part-B and e 5 nos Box Drainage Outlet at different chainages of Part-A and Part-B of Naogaon Haor Sub-Project in c/w Haor Flood Management and Livelihood Improvement Project BWDB Part under Kishoregange WD Division BWDB Kishoreganj during the FY2016-17 & FY2017-18.

AKA-UCL (JV) (JVCA)									
Bill of Quantities-01 (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)
			Manufacturing and supplying R.C.C. (1:2:4) BM Pillars of size 15cmx 15cmx75cm, with 40cmx40cmx10cm base having 3 nos. 10mm dia						Sixteen

1	04-150	04-150	MS.bar each way at base,4nos.10mm dia vertical bar and 8nos 6mm dia ring,excluding cost of M.S.works for reinforcement but including cost of form works, concreting, plastering at top, finishing surface, curing etc. complete, with inscription of "BWDB", on exposed surface etc. complete as per direction of Engineer in charge.	No	27.000	599.958	Five Hundred and Ninety-Nine point Nine Five Eight	16198.866	Sixteen Thousand One Hundred and Ninety-Eight point Eight Six Six
2	04-160	04-160	Fixing in position B.M. pillars and kilometer posts of size 15cmx15cmx75cm with 40cmx40cmx10cm base, embedding 45cm below G.L. including carriage, earth cutting, backfilling, ramming, etc. complete as per direction of Engineer in charge.	No	41.000	44.996	Forty-Four point Nine Nine Six	1844.836	One Thousand Eight Hundred and Forty-Four point Eight Three Six
3	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	158040.000	1.999	One point Nine Nine Nine	315921.960	Three Lakh Fifteen Thousand Nine Hundred and Twenty-One point Nine Six
4	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.	nos	264.000	290.454	Two Hundred and Ninety point Four Five Four	76679.856	Seventy-Six Thousand Six Hundred and Seventy-Nine point Eight Five Six
5	40-540-20	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. Length : >=2.0 m to <=4.5m	nos	12500.000	234.987	Two Hundred and Thirty-Four point Nine Eight Seven	2937337.500	Twenty-Nine Lakh Thirty-Seven Thousand Three Hundred and Thirty-Seven point Five
6	40-560-10	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	m	5000.000	39.996	Thirty-Nine point Nine Nine Six	199980.000	One Lakh Ninety-Nine Thousand Nine Hundred and

			direction of Engineer in charge. Double Walling.						and Eighty
7	40-550-30	40-550-30	Labour charge for driving barrack bamboo pins of diameter ≥ 8.0 cm, by hammer or monkey hammer, as per direction of Engineer in charge. ≥ 0.75 m to < 1.50 m, on dry land	m	3751.200	69.994	Sixty-Nine point Nine Nine Four	262561.493	Two Lakh Sixty-Two Thousand Five Hundred and Sixty-One point Four Nine Three
8	40-580	40-580	Supplying and placing in position and fitting, fixing single layer tarjah double woven matting with necessary ties including the cost of all materials etc. complete as per direction of Engineer in charge.	sqm	15000.000	139.987	One Hundred and Thirty-Nine point Nine Eight Seven	2099805.000	Twenty Lakh Ninety-Nine Thousand Eight Hundred and Five
9	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) in constructing/ resectioning of the embankment/ canal bank/ road etc. compacted to 85%/90% maximum dry density at optimum moisture content with reference to laboratory density test AASHTO modified hammer, with clayey soil (minimum 30% clay, 0-40% silt and 0-30% sand) beyond initial lead of 300m including throwing the spoils to profiles in layer not exceeding 230mm in thickness with clod breaking to maximum size of 100mm, benching the side slopes, removing roots and stumps of trees of girth upto 200mm, stripping/ ploughing the base of embankment and borrow pit area, dug bailing, clearing jungles, bail out of water, rough dressing including 150mm cambering at the centre of crest with all leads and lifts complete (compaction will be done by the contractor with approved equipment including all ancillary charges for compaction and testing) as per direction of Engineer in	cum	50712.760	309.972	Three Hundred and Nine point Nine Seven Two	15719535.643	One Crore Fifty-Seven Lakh Nineteen Thousand Five Hundred and Thirty-Five point Six Four Three

			charge.300m to 1.00 km.(85% compaction)						
10	16-120-10	16-120-10	Earth work by manual labour in constructing/ resectioning of embankment/ canalbank/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 & 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 & stumps of trees of girth upto 200mm from the ground, stripping/ ploughing the base of embankment and borrow pit area, dug bailing, bail out of water, 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. 0 m to 3 m height with 85% compaction.	cum	50712.760	141.987	One Hundred and Forty-One point Nine Eight Seven	7200552.654	Seventy-Two Lakh Five Hundred and Fifty-Two point Six Five Four
11	16-190	16-190	Extra rate for every additional lead of 15 m or part thereof beyond the initial lead of 30m up to a maximum of 19 leads (3m neglected) for all kinds of earth work. 2 nos Lead	Two lead/cum	50712.760	19.998	Nineteen point Nine Nine Eight	1014153.774	Ten Lakh Fourteen Thousand One Hundred and Fifty-Three point Seven Seven Four
			Earth work by Mechanical Excavator (Long Boon) in constructing/ resectioning of embankment/canal bank/ road etc. compacted to 85%/90% maximum dry						

12	16-650-10	16-650-10	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. 0 to 4 m height with 85% compaction.	cum	101425.520	119.989	One Hundred and Nineteen point Nine Eight Nine	12169946.719	One Crore Twenty-One Lakh Sixty-Nine Thousand Nine Hundred and Forty-Six point Seven One Nine
13	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	152138.270	4.999	Four point Nine Nine Nine	760539.212	Seven Lakh Sixty Thousand Five Hundred and Thirty-Nine point Two One Two
14	48-100	48-100	Fine dressing and close turbing of the slopes and the crest of embankment with 75 mm thick good quality durba or charkanta sods of size 200 mm x 200 mm 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	242672.500	5.999	Five point Nine Nine Nine	1455792.328	Fourteen Lakh Fifty-Five Thousand Seven Hundred and Ninety-Two point Three Two 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	17.050	849.924	Eight Hundred and Forty-Nine point Nine Two Four	14491.204	Fourteen Thousand Four Hundred and Ninety-One point Two Zero Four
16	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	97.680	84.992	Eighty-Four point Nine Nine Two	8302.019	Eight Thousand Three Hundred and Two point Zero One Nine
17	76-115-10	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. 6mm dia	kg	16.950	84.992	Eighty-Four point Nine Nine Two	1440.614	One Thousand Four Hundred and Forty point Six One Four
			Reinforced cement concrete work in leanest mix. 1:1.5:3, with 20mm down graded coarse aggregates and sand of						

18	28-200-10	28-200-10	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	17.050	14998.649	Fourteen Thousand Nine Hundred and Ninety-Eight point Six Four Nine	255726.965	Two Lakh Fifty-Five Thousand Seven Hundred and Twenty-Six point Nine Six Five
19	Approved rate	Approved rate	Preparation and mobilization of the Site for Construction of Submersible Embankment or other Structural Components in c/w "Haor Flood Management and Livelihood Improved 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 labour sheds(200sqm), CI Sheet Stores(200sqm), supply of wooden & cane seated furniture etc. as specified and as per Contractor's Method Statement and as per direction of Engineer in charge.	LS	1.000	966963.815	Nine Lakh Sixty-Six Thousand Nine Hundred and Sixty-Three point Eight One Five	966963.815	Nine Lakh Sixty-Six Thousand Nine Hundred and Sixty-Three point Eight One Five
20	Approved rate	Approved 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.	Days	60.000	2497.635	Two Thousand Four Hundred and Ninety-Seven point Six Three Five	149858.100	One Lakh Forty-Nine Thousand Eight Hundred and Fifty-Eight point One
			Demobilization and clean-up of the site upon completion of the				One Lakh Twelve Thousand Three		One Lakh Twelve Thousand Three

21	Approved rate	Approved rate	works, as per Specifications and Contractor's Method Statement and as per direction of Engineer in Charge	LS	1.000	112333.989	Hundred and Thirty-Three point Nine Eight Nine	112333.989	Hundred and Thirty-Three point Nine Eight Nine
22	Approved rate	Approved rate	Providing and maintaining adequate portable water supply by installing 6 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 site As per direction of the Engineer in charge.	LS	1.000	111138.947	One Lakh Eleven Thousand One Hundred and Thirty-Eight point Nine Four Seven	111138.947	One Lakh Eleven Thousand One Hundred and Thirty-Eight point Nine Four Seven
23	Approved rate	Approved rate	Mobilize, strengthen required land based construction equipment such as excavator, dump truck, chain dozer, vibro-compactor, and plants such as generator for site electrification, digital camera for taking photographs and digital video camera for recording/Taking photograph all 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	92018.268	Ninety-Two Thousand AND Eighteen point Two Six Eight	92018.268	Ninety-Two Thousand AND Eighteen point Two Six Eight
24	Approved rate	Approved rate	Operate , maintain of plant and equipment such as generator for site electrification, for the purpose stated in the Technical Specification and in the Contractor's Method Statement and as per direction of Engineer in charge.	LS	1.000	110898.327	One Lakh Ten Thousand Eight Hundred and Ninety-Eight point Three Two Seven	110898.327	One Lakh Ten Thousand Eight Hundred and Ninety-Eight point Three Two Seven
							Grand Total:	46054022.089	Four Crore Sixty Lakh Fifty-Four Thousand AND Twenty-

									Two point Zero Eight Nine
--	--	--	--	--	--	--	--	--	------------------------------------

This Bill of Quantities-01 (Submersible Embankment) is Electronically Signed by Mr. Md Ali on behalf of
AKA-UCL (JV)