

Individual Report

Tender/Proposal Detail			
Tender/Proposal ID :	129252	Invitation Reference No. :	T-1/BWDB/Kishore/6349 , Date: 22/10/2017
Closing Date and Time :	13-Nov-2017 14:50	Opening Date and Time :	13-Nov-2017 14:50
Procuring Entity :	Kishoreganj WD Division		
Brief :	<p>BWDB/Kish/HFMLIP/PW-16</p> <p>Construction of (a) Submergible Embankment around Naogaon Haor (Part-B) in between KM 9.000 to KM 30.420=14.120KM and (b) Markhali Khal Regulator (2-Vent, 1.50m\times1.80m) at KM 33.80 of Naogaon Haor Sub-Project, Part-B in c/w Haor Flood Management and Livelihood Improved Improvement Project(BWDB Part) under Kishoregange WD Division, BWDB, Kishoregonj during the FY2017-18 & FY2018-19.Package No.:BWDB/Kish/HFMLIP/PW-16</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</p>		

Package No	Package Description
BWDB/Kish/HFMLIP/PW-16	Construction of a Submergible Embankment around Naogaon Haor Part-B in between KM 9.000 to KM 30.42014.120 KM and b Markhali Khal Regulator 2-Vent1.50m1.80m at KM 33.80 of Naogaon Haor Sub-Project Part-B in c/w Haor Flood Management and Livelihood Improved Improvement Project BWDB Part under Kishoregange WD Division BWDB Kishoregonj during the FY2017-18 & FY2018-19.

ARC-LT (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)
			Preparation and mobilization of the Site for Construction of Submersible Embankment or other Structural Components in c/w "Haor Flood Management and						

1	Approved Rate	Approved Rate	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	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
2	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	2500.001	Two Thousand Five Hundred point Zero Zero One	150000.060	One Lakh Fifty Thousand point Zero Six
3	Approved Rate	Approved Rate	Demobilization and clean-up of the site upon completion of the works, as per Specifications and 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
4	Approved	Approved	Providing and maintaining adequate portable water supply by installing 6 Nos. of tube well and sanitation facilities by installing 6 Nos. of sanitary latrines	LS	1.000	111118.051	One Lakh Eleven Thousand One Hundred	111118.051	One Lakh Eleven Thousand One Hundred

4	Rate	Rate	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	111146.951	and Forty-Eight point Nine Five One	111146.951	and Forty-Eight point Nine Five One
5	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	92026.551	Ninety-Two Thousand AND Twenty-Six point Five Five One	92026.551	Ninety-Two Thousand AND Twenty-Six point Five Five One
6	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	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
7	04-150	04-150	Manufacturing and supplying R.C.C. (1:2:4) BM Pillars of size 15cmx 15cmx75cm, with 40cmx40cmx10cm base having 3 nos.10mm dia 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	Nos	29.000	1000.004	One Thousand point Zero	29000.116	Twenty-Nine Thousand point One

			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.				Zero Four		point One One Six
8	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.	nos	44.000	100.001	One Hundred point Zero Zero One	4400.044	Four Thousand Four Hundred point Zero Four Four
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.	m	282400.000	3.501	Three point Five Zero One	988682.400	Nine Lakh Eighty-Eight Thousand Six Hundred and Eighty-Two point Four
10	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	283.000	290.481	Two Hundred and Ninety point Four Eight One	82206.123	Eighty-Two Thousand Two Hundred and Six point One Two Three
11	40-540	40-540-10	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 : >=4.5 m to <=6.0m	nos	1501.000	263.071	Two Hundred and Sixty-Three point Zero Seven One	394869.571	Three Lakh Ninety-Four Thousand Eight Hundred and Sixty-Nine point Five Seven One
			Supplying, sizing and fitting in position 8.0 cm and above dia in size full						Seventy-

12	40-560	40-560-10	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. Double Walling.	m	1200.000	64.531	Sixty-Four point Five Three One	77437.200	Seven Thousand Four Hundred and Thirty-Seven point Two
13	40-550	40-550-20	Labour charge for driving barrack bamboo pins of diameter >=8.0 cm, by hammer or monkey hammer, as per direction of Engineer in charge. >=1.50 m to <=2.0 m drive, in water including necessary staging etc. as required	m	2251.500	70.001	Seventy point Zero Zero One	157607.252	One Lakh Fifty-Seven Thousand Six Hundred and Seven point Two Five Two
14	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	1200.000	162.451	One Hundred and Sixty-Two point Four Five One	194941.200	One Lakh Ninety-Four Thousand Nine Hundred and Forty-One point Two
15	16-410	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	cum	35902.710	282.503	Two Hundred and Eighty-Two point	10142623.283	One Crore One Lakh Forty-Two Thousand Six Hundred

			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 charge. 300m to 1.00 km. (85% compaction)				Five Zero Three		and Twenty-Three point Two Eight Three
16	16-120	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 (min 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	cum	35902.710	170.001	One Hundred and Seventy point Zero Zero One	6103496.603	Sixty-One Lakh Three Thousand Four Hundred and Ninety-Six point Six Zero Three

			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.						
17	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 (Quoted rate will be applicable for 2 nos lead)	Twold/cum	35902.710	20.014	Twenty point Zero One Four	718556.838	Seven Lakh Eighteen Thousand Five Hundred and Fifty-Six point Eight Three Eight
18	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	cum	71805.430	125.001	One Hundred and Twenty-Five point Zero One	8975750.555	Eighty-Nine Lakh Seventy-Five Thousand Seven Hundred and Fifty point Five

			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.						Five Five
19	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	107708.140	15.001	Fifteen point Zero Zero One	1615729.808	Sixteen Lakh Fifteen Thousand Seven Hundred and Twenty-Nine point Eight Zero Eight
20	48-100	48-100	Fine dressing and close turfing 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	249781.000	12.005	Twelve point Zero Zero Five	2998620.905	Twenty-Nine Lakh Ninety-Eight Thousand Six Hundred and Twenty point Nine Zero Five
			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						

21	36-150	36-150-10	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 prop	sqm	18.270	1200.001	One Thousand Two Hundred point Zero One	21924.018	Twenty-One Thousand Nine Hundred and Twenty-Four point Zero One Eight
22	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	104.650	85.001	Eighty-Five point Zero One	8895.355	Eight Thousand Eight Hundred and Ninety-Five point Three Five Five
23	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 $FM\leq 2.5$, to attain a minimum 28 day cylinder strength of 22.0 N/mm^2 , including breaking, screening, grading, washing aggregates with clean water, mixing, laying in forms, consolidation to levels, curing, including supply of	cum	18.270	15000.001	Fifteen Thousand point Zero One	274050.018	Two Lakh Seventy-Four Thousand AND Fifty point Zero One Eight

			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 ."						
								Grand Total:	34332271.724
									Three Crore Forty- Three Lakh Thirty- Two Thousand Two Hundred and Seventy- One point Seven Two Four

This Bill of Quantities-01(Submersible Embankment) is Electronically Signed by Mr. F.M on behalf of ARC-LT (JV)