

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 :	BWDB/Kish/HFMLIP/PW-16 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 x 1.80m) 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 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. 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 commitment		

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-Vent 1.50m x 1.80m 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-04 (Markhali Khal Regulator)									
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)
			Bailing out of water with all leads and lifts by manual labour or pump, with all arrangements for protection of ring						Three

52	12-310	12-310-20	bund and side slopes of foundation pit against erosion or washout etc. complete actual volume of work will be measured by sounding method before starting the work) as per direction of Engineer in charge. by pump.	cum	48937.980	6.131	Six point One Three One	300038.755	Three Lakh AND Thirty-Eight point Seven Five Five
53	28-120	28-120-20	Cement concrete in leanest mix 1:3:6 with sand of F.M.>=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 form works etc complete as per direction of Engineer in charge With 25mm down graded stone chips.	cum	52.150	10954.481	Ten Thousand Nine Hundred and Fifty-Four point Four Eight One	571276.184	Five Lakh Seventy-One Thousand Two Hundred and Seventy-Six point One Eight Four
54	28-100	28-100-30	Cement concrete in leanest mix 1:4:8 with sand of F.M.>=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 form works etc complete as per direction of Engineer in charge. with 25mm down graded stone shingles	cum	1.840	8755.071	Eight Thousand Seven Hundred and Fifty-Five point Zero Seven One	16109.331	Sixteen Thousand One Hundred and Nine point Three Three One
			Formwork for centering and water tight shuttering as per drawing with 14 BWG M.S. sheet, fitted and fixed with 40mmx40mmx6mm						

55(a)	36-150	36-150-10	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. Vertical and inclined walls, columns, piers with 60-80mm dia barack bamboo props.	sqm	1064.170	1200.001	One Thousand Two Hundred point Zero Zero One	1277005.064	Twelve Lakh Seventy-Seven Thousand AND Five point Zero Six Four
55(b)	36-150	36-150-20	Deck slab, operating deck slab, top slab of barrel upto 3.5m height with 60-80mm dia barack bamboo props	sqm	25.420	1300.001	One Thousand Three Hundred point Zero Zero One	33046.025	Thirty-Three Thousand AND Forty-Six point Zero Two Five
55(c)	36-150	36-150-60	Footing, footing beams, girder beams, foundation slab with 60-80mm dia barack bamboo props	sqm	263.670	735.351	Seven Hundred and Thirty-Five point Three Five One	193889.998	One Lakh Ninety-Three Thousand Eight Hundred and Eighty-Nine point Nine Nine Eight
56(a)	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	kg	39753.590	85.001	Eighty-Five point Zero Zero One	3379094.904	Thirty-Three Lakh Seventy-Nine Thousand AND Ninety-Four point Nine Zero Four

			materials as per direction of Engineer in charge. a) 8mm dia to 30mm dia						
56(b)	76-115	76-115-10	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. b) 6mm dia	kg	34.780	85.001	Eighty-Five point Zero Zero One	2956.335	Two Thousand Nine Hundred and Fifty-Six point Three Three Five
57	80-230	80-230-40	Supplying, laying, fitting and fixing of different dia G.I. pipes with all special fittings, such as bends, elbows, sockets, tees, unions, jam nuts etc. including cutting foundation trenches upto required depth where necessary and filling the same with earth duly compacted, making holes in floors and walls and mending the damages, fixing in walls with holders and clips, including cutting threads, making necessary connection etc. all complete, and as per direction of Engineer in charge. 40mm dia G.I. pipe line.	m	14.290	232.931	Two Hundred and Thirty-Two point Nine Three One	3328.584	Three Thousand Three Hundred and Twenty-Eight point Five Eight Four
			M.S. Work in plates, angles, channels, flat bars, Tees etc. including fabricating, machining, cutting, bending, welding, forging, drilling, revetting, embedding anchor				Two Hundred and		Nine Lakh Nine Thousand

58	76-170	76-170	bars, staging and fitting, fixing, local handling etc. complete with energy consumption and supply of labours including the cost of materials as per design, specification and direction of Engineer in charge.	kg	4042.010	225.001	and Twenty-Five point Zero Zero One	909456.292	Four Hundred and Fifty-Six point Two Nine Two
59	28-200	28-200-10	Reinforced Cement Concrete Work in leanest mix. 1:1.5:3 with 25mm 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/mm ² , 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. With stone chips	cum	461.230	15000.001	Fifteen Thousand point Zero Zero One	6918450.461	Sixty-Nine Lakh Eighteen Thousand Four Hundred and Fifty point Four Six One
60	04-600	04-600-10	Providing cork sheet/polysterene sheet in expansion joints of concrete works including supply of all materials etc. complete as per direction of Engineer in charge. 25mm thick sheet.	sqm	13.680	470.071	Four Hundred and Seventy point Zero Seven One	6430.571	Six Thousand Four Hundred and Thirty point Five Seven One
61	04-280	04-280-10	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	18.200	77.731	Seventy-Seven point Seven Three One	1414.704	One Thousand Four Hundred and Fourteen point Seven Zero Four

			150 mm x 25 mm						
62	56-430	56-430	Filling up the expansion joints by asphalt, sand and jute waste etc. complete including supply of all materials and as per direction of Engineer in charge.	m	38.000	165.951	One Hundred and Sixty-Five point Nine Five One	6306.138	Six Thousand Three Hundred and Six point One Three Eight
63(a)	40-140	40-140-50	Manufacturing and supplying of CC blocks in leanest mix (1:3:6) in volume, with cement, sand (FM>=1.5) and stone chips (40mmdown 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 in measureable stacks etc. complete including supply of all materials (steel shutter to be used) as per direction of Enginnner in charge. Block size: 30cm x 30cm x 30cm	nos	10970.000	355.001	Three Hundred and Fifty-Five point Zero Zero One	3894360.970	Thirty-Eight Lakh Ninety-Four Thousand Three Hundred and Sixty point Nine Seven
63(b)	40-140	40-140-40	Manufacturing and supplying of CC blocks in leanest mix (1:3:6) in volume, with cement, sand (FM>=1.5) and stone chips (40mmdown 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 in measureable stacks etc. complete including supply of all materials (steel shutter to be used) as per direction of	nos	7295.000	450.001	Four Hundred and Fifty point Zero Zero One	3282757.295	Thirty-Two Lakh Eighty-Two Thousand Seven Hundred and Fifty-Seven point Two Nine Five

			Enginnner in charge. Block size: 40cm x 40cm x 20cm						
64(a)	40- 220	40- 220- 10	Labour charge for protective works in laying CC blocks of different sizes including preparation of base, watering and ramming of base etc. complete as per direction of Engineer in charge Within 200m	cum	264.820	1145.881	One Thousand One Hundred and Forty- Five point Eight Eight One	303452.206	Three Lakh Three Thousand Four Hundred and Fifty- Two point Two Zero Six
64(b)	40- 220	40- 220- 20	Labour charge for protective works in laying CC blocks of different sizes including preparation of base, watering and ramming of base etc. complete as per direction of Engineer in charge Beyond 200m	cum	264.820	2027.041	Two Thousand AND Twenty- Seven point Zero Four One	536800.998	Five Lakh Thirty-Six Thousand Eight Hundred point Nine Nine Eight
65	76- 630	76- 630- 10	Supply and fitting fixing 23cm PVC water stops having minimum strength of 13.80 N/mm2 at 225% elongation and of approved quality in contraction and expansion joints with necessary arrangement for modification of shuttering and keeping the water stop in position etc as per design, specification and direction of Engineer in charge 3 bulb type	m	26.000	1133.751	One Thousand One Hundred and Thirty- Three point Seven Five One	29477.526	Twenty- Nine Thousand Four Hundred and Seventy- Seven point Five Two Six
66	16- 240	16- 240	Earth work by manual labour, in all kinds of soil in removing the cross bundh/ ring bundh, including all leads and lifts complete and placing the spoils to a safe distance, (minimun 15m apart from the bank) as per direction of Engineer in charge.	cum	2961.060	142.471	One Hundred and Forty- Two point Four Seven One	421865.179	Four Lakh Twenty- One Thousand Eight Hundred and Sixty- Five point One Seven Nine
			Manufacturing & Supplying of M.S. Vertical Lift Gate shutter of 8mm thick M.S. skin plate and stiffener with						

67	76-240	76-240-40	<p>minimum 75mmx75mmx10mm M.S. angle as frame, horizontal & vertical beam 75mmx25mmx12mm P-type rubber seal, fixed with 10mm dia x 63 .5mm M.S. counter shank bolts with nuts and 40mmx10mm M.S. strip as clamp drilled spaces @ 150mm c/c, stem attachment with proper thread, nut, cotter pin and washer as per approved design including the cost of all materials of proper grade & brand new with a prime coat of redoxide where necessary as per specification and direction of Engineer in charge. Size 1.95m x 1.65m.</p>	nos	4.000	150000.001	One Lakh Fifty Thousand point Zero Zero One	600000.004	Six Lakh point Zero Zero Four
68	76-260	76-260-20	<p>Labour charge for fitting and fixing of M.S. vertical lift gate/flap gate shutters of different size including making holes in concrete for hooking arrangements with supply of necessary materials, tools and other accessories required for fitting the same to regulator/sluice and mending the damages with CC (1:2:4), removing the spoils etc.complete including the cost of all materials as per direction of Engineer in charge. Size 1.95m x 1.65m.</p>	nos	4.000	27517.535	Twenty-Seven Thousand Five Hundred and Seventeen point Five Three Five	110070.140	One Lakh Ten Thousand AND Seventy point One Four
			<p>Manufacturing, supplying and Installation of Padestal type lifting device for slide gate with 63mm dia threaded steel shaft, 146mm outer</p>						

69	76-190	76-190	dia bronze nut, thrust bearing, steel bevel gear etc. as per approved design including supply of all components, labours with a prime coat of redoxide where necessary etc. complete including the cost of all materials as per specification and direction of Engineer in charge.	nos	4.000	125000.001	One Lakh Twenty-Five Thousand point Zero Zero One	500000.004	Five Lakh point Zero Zero Four
70	16-530	16-530	Back filling in hydraulic structures and slope building in protective works including all leads and lifts with selected local soil in layer of 150mm including watering, ramming etc. complete compacted to 20% relative density by compactor or any other suitable method as per direction of Engineer in charge.	cum	2385.020	159.491	One Hundred and Fifty-Nine point Four Nine One	380389.225	Three Lakh Eighty Thousand Three Hundred and Eighty-Nine point Two Two Five
71	16-600	16-600-10	Earth work by Mechanical Excavator (Long Boom) in all kinds of soil in excavation/re-excavation of Channel/Canal/khal etc. Including disposal of spoil-soil upto 30m away from the point of excavation with rough dressing and leveling etc. Complete as per direction of Engineer in charge.	cum	13486.130	96.971	Ninety-Six point Nine Seven One	1307763.512	Thirteen Lakh Seven Thousand Seven Hundred and Sixty-Three point Five One Two
72	68-130	68-130	Supplying pressure treated wooden fall boards/stop logs of different sizes (not less than 15cm in depth) of sal, sundari, garjan, shishu or equivalent for regulator/ sluices, including fixing in position with eye hook etc. complete as per direction of	cum	15.470	60966.401	Sixty Thousand Nine Hundred and Sixty-Six point Four Zero One	943150.223	Nine Lakh Forty-Three Thousand One Hundred and Fifty point Two Two Three

			Engineer in charge.						
73	MR	MR	Supply and Installation of Name Plate	NOS	8.000	13709.555	Thirteen Thousand Seven Hundred and Nine point Five Five	109676.440	One Lakh Nine Thousand Six Hundred and Seventy-Six point Four Four
74	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 (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	cum	2760.000	170.001	One Hundred and Seventy point Zero Zero One	469202.760	Four Lakh Sixty-Nine Thousand Two Hundred and Two point Seven Six

			for compaction and testing) as per direction of Engineer in charge. 0 m to 3 m height with 85% compaction.						
75	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	1870.000	12.005	Twelve point Zero Zero Five	22449.350	Twenty-Two Thousand Four Hundred and Forty-Nine point Three Five
76	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	258152.401	Two Lakh Fifty-Eight Thousand One Hundred and Fifty-Two point Four Zero One	258152.401	Two Lakh Fifty-Eight Thousand One Hundred and Fifty-Two point Four Zero One
							Grand Total:	26788371.579	Two Crore Sixty-Seven Lakh Eighty-Eight Thousand Three Hundred and Seventy-One point Five Seven Nine

This Bill of Quantities-04 (Markhali Khal Regulator) is Electronically Signed by Mr. F.M on behalf of ARC-LT (JV)