

Individual Report

Tender/Proposal Detail

Tender/Proposal ID :	118565	Invitation Reference No. :	T-1/BWDB/Kishore/6121 , Date: 30/08/2017
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Closing Date and Time :	18-Oct-2017 16:00	Opening Date and Time :	18-Oct-2017 16:00
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Procuring Entity : Kishoreganj WD Division

Re-Excavation of Khal 10.757 km Lalpur khal from km 0.410 to km 4.400 3.990 km Naluar khal from km 0.200 to km 0.800 0.600 km Maherkona khal from km 0.300 to km 3.300 3.000 km Nabinpur khal from km 4.000 to km 6.800 2.80 km & Jalalpur khal from km 0.090 to km 0.457 0.367 km total 10.757 km & Construction of New Regulator of 3 vent 1.50 m x 1.80 m at Naluar khal km 4.770 & 4 vent 1.50 m x 1.80 m at Maharkona khal km 1.640 of Noapara Haor Sub -Project in C/W Haor flood Management and Livelihood Improvement project Under Kishoreganj W.D Division BWDB Kishoreganj During the Financial year 2017-18 & 2018-19. Package No. BWDB/Kish/HFMLIP/PW-12.

Special Instructions:

01. Tenderers should visit the working site before submission of tender.

02. Notification of Award (NOA) will be issued after getting proper administrative approval from the competent authority.

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. 180.00 Lakhs during the evaluation period. During verification, required amount of Liquid Asset if not found available in Tenderer mentioned account, then the submitted bank&

Package No

Package Description

BWDB/Kish/HFMLIP/PW-12.	Re-Excavation of Khal 10.757 km Lalpur khal from km 0.410 to km 4.400 3.990 km Naluar khal from km 0.200 to km 0.800 0.600 km Maherkona khal from km 0.300 to km 3.300 3.000 km Nabinpur khal from km 4.000 to km 6.800 2.80 km & Jalalpur khal from km 0.090 to km 0.457 0.367 km total 10.757 km & Construction of New Regulator of 3 vent 1.50 m x 1.80 m at Naluar khal km 4.770 & 4 vent 1.50 m x 1.80 m at Maharkona khal km 1.640 of 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
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**PMPL-LA-TTSL Joint Venture
(JVCA)**

Bill of Quantities 05

Bill of Quantities

[illegible]

82	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	791.220	818.721	Eight Hundred and Eighteen point Seven Two One	647788.430	Six Lakh Forty-Seven Thousand Seven Hundred and Eighty-Eight point Four Three
83	36-150	36-150-20	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.36-150-20	Sqm	57.800	829.791	Eight Hundred and Twenty-Nine point Seven Nine One	47961.920	Forty-Seven Thousand Nine Hundred and Sixty-One point Nine Two

			Deck slab, operating deck slab, top slab of barrel upto 3.5m height with 60-80mm dia barrack bamboo props.						
84	76- 630	76- 630- 10	"Supply and fitting and fixing 23cm wide P.V.C water stops having minimum strength of 13.80 N/mm² at 225% elongation and of approved quality in cntraction and expansion joints with necessary arrangments for modification in shuttering and kepping the water stop in position etc. complete as per design, specification and direction of Engineer in charge. 76-630-10 : 3 bulb type."	m	31.000	1020.375	One Thousand AND Twenty point Three Seven Five	31631.625	Thirty- One Thousand Six Hundred and Thirty- One point Six Two Five
85	72- 540	72- 540	Epoxy paint 2 coats of approved colour and specification over a primingcoat to gate, hoisting device and embedded metal parts including craping out rust and old paint with chisel, scraper, steel wire brush & emery paper etc. complete in all respect including the cost of all materials as per direction of Engineer in charge.	Sqm	113.210	326.429	Three Hundred and Twenty- Six point Four Two Nine	36955.027	Thirty-Six Thousand Nine Hundred and Fifty- Five point Zero Two Seven
86	16- 520	16- 520- 20	"Supplying and filling sand in foundation of hydraulic structures, buildings and in protective works with selected sand, in 150mm thick layer, including levelling, dressing, ramming, watering etc. complete (compacted to 50% relative density by manual labour using mallet/ vibro	Cum	372.630	1278.054	One Thousand Two Hundred and Seventy- Eight point Zero Five Four	476241.262	Four Lakh Seventy- Six Thousand Two Hundred and Forty- One point Two Six

			compactor) as per direction of Engineer in charge. 16-520-20 : sand of FM \geq 1.50"				Four		Two Six Two
87	40-610	40-610-20	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:40-610-20	Cum	39.170	3357.423	Three Thousand Three Hundred and Fifty-Seven point Four Two Three	131510.259	One Lakh Thirty-One Thousand Five Hundred and Ten point Two Five Nine
88	40-610	40-610-30	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:40-610-30	Cum	39.170	3668.481	Three Thousand Six Hundred and Sixty-Eight point Four Eight One	143694.401	One Lakh Forty-Three Thousand Six Hundred and Ninety-Four point Four Zero One
89	40-650	40-650-20	"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 charge. 40-650-20 : FM : 1.5 to 2.0"	cum	10.670	1418.256	One Thousand Four Hundred and Eighteen point Two Five Six	15132.792	Fifteen Thousand One Hundred and Thirty-Two point Seven Nine Two
			"Manufacturing and supplying C.C. blocks in leanest mix. 1:3:6, with cement, sand						

90	40-140	40-140-50	<p>(FM>=1.5) and Stone Chips (40mm down graded), to attain a minimum 28 days cylinder strength of 9.0 N/mm² 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.</p> <p>40-140-50 : block size 30cmx30cmx30cm."</p>	each	9648.000	285.309	Two Hundred and Eighty-Five point Three Zero Nine	2752661.232	Twenty-Seven Lakh Fifty-Two Thousand Six Hundred and Sixty-One point Two Three Two
91	40-220	40-220-10	<p>"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.</p> <p>40-220-10 : Within 200 m."</p>	Cum	260.490	1031.292	One Thousand AND Thirty-One point Two Nine Two	268641.253	Two Lakh Sixty-Eight Thousand Six Hundred and Forty-One point Two Five Three
92	76-170	76-170	<p>M.S. Work in plates, angles, channels, flat bars, Tees etc. including fabricating, machining, cutting, bending, welding, forging, drilling, revetting, embedding anchor 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.</p>	Kg	3615.390	129.978	One Hundred and Twenty-Nine point Nine Seven Eight	469921.161	Four Lakh Sixty-Nine Thousand Nine Hundred and Twenty-One point One Six One
			"Supplying, laying,						

93	80-230	80-230-40	<p>fitting and fixing of different dia G.I. pipes with all special fittings, such as bends, elbows, sockets, tees, unions, jamnuts 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:</p> <p>80-230-40 : 40mm dia G.I. pipe line."</p>	m	9.000	209.637	Two Hundred and Nine point Six Three Seven	1886.733	One Thousand Eight Hundred and Eighty-Six point Seven Three Three
94	76-240	76-240-40	<p>"Manufacturing & Supplying of M.S. Vertical Lift Gate shutter of 8mm thick M.S. skin plate and stiffener with 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, stern 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.</p>	Each	3.000	87119.667	Eighty-Seven Thousand One Hundred and Nineteen point Six Six Seven	261359.001	Two Lakh Sixty-One Thousand Three Hundred and Fifty-Nine point Zero Zero One

			76-240-40 : Size 1.95m x 1.65m."						
95	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.</p> <p>76-260-20 : Size 1.95m x 1.35m or 1.95m x 1.65m."</p>	Each	6.000	8992.719	Eight Thousand Nine Hundred and Ninety-Two point Seven One Nine	53956.314	Fifty-Three Thousand Nine Hundred and Fifty-Six point Three One Four
96	76-190	76-190	<p>Manufacturing, supplying and Installation of Padestal type lifting device for slide gate with 63mm dia threaded steel shaft, 146mm outer 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.</p>	Each	3.000	75722.265	Seventy-Five Thousand Seven Hundred and Twenty-Two point Two Six Five	227166.795	Two Lakh Twenty-Seven Thousand One Hundred and Sixty-Six point Seven Nine Five
			"Earth work by manual labour in resectioning of embankment/ canal bank/ river slopes/ road/ compound etc. manually compacted by 7.0 kg iron rammer to						

97	16-140	16-140-10	avoid any air pocket in clayey soil (minimum 30% clay, 0-40% silt and 0-30% sand) within the initial lead of 30m and all lifts including throwing the spoils to profile in layers not exceeding 150mm thickness with clod breaking to a maximum size of 100mm, removing roots & stumps of trees of girth upto 200mm from the ground, benching the side slopes, stripping/ ploughing the base of embankment and borrowpit areas, dug bailing, bail out of water, rough dressing including 150mm cambering at the centre of the crest (where necessary) etc. complete as per direction of Engineer in charge. 16-140-10: 0 m to 3 m height"	Cum	795.000	169.011	One Hundred and Sixty-Nine point Zero One One	134363.745	One Lakh Thirty-Four Thousand Three Hundred and Sixty-Three point Seven Four Five
98	16-130	16-130	Earth work by manual labour in all kinds of soil in excavation or reexcavation of channels with the initial lead of 30m and lift of 1.5m including levelling, dressing and throwing the spoils to profile with breaking clods, rough dressing, clearing jungles including cutting trees upto 200mm girth, dug bailing etc. complete as per direction of Engineer in charge.	each	8652.500	128.223	One Hundred and Twenty-Eight point Two Two Three	1109449.508	Eleven Lakh Nine Thousand Four Hundred and Forty-Nine point Five Zero Eight
99	16-200	16-200	Extra rate for every additional lift of 1.0m or part thereof beyond the initial lift of 1.5m (30cm neglected) for all	Plt/cum	4326.250	9.891	Nine point Eight	42790.939	Forty-Two Thousand Seven Hundred and Ninety

			neglected) for all kinds of earth work. 1 lift x 10.99 =Tk 10.99				Nine One		ninety point Nine Three Nine
100	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 (3m neglected) for all kinds of earth work. Lead= 2 no x 14.57 = Tk 29.14	Pld/Cum	4326.250	26.226	Twenty-Six point Two Two Six	113460.233	One Lakh Thirteen Thousand Four Hundred and Sixty point Two Three Three
101	16-220	16-220	Earth work by manual labour with clayey soil (minimum 30% clay, 0-40% silt and 0-30% sand) in construction of cross bundh/ ring bundh as per design and specification with all leads and lifts, throwing the earth in layers not exceeding 150mm in thickness, including breaking clods, rough dressing, clearing the jungle, removing stumps, dug bailing and 75mm cambering etc. complete as per direction of Engineer in charge.	Cum	1992.000	128.178	One Hundred and Twenty-Eight point One Seven Eight	255330.576	Two Lakh Fifty-Five Thousand Three Hundred and Thirty point Five Seven Six
							Grand Total:	7221903.206	Seventy-Two Lakh Twenty-One Thousand Nine Hundred and Three point Two Zero Six

This Bill of Quantities 05 is Electronically Signed by Mr. Razzaque on behalf of PMPL-LA-TTSL Joint Venture

RE-MARCO (JV) (JVCA)									
Bill of Quantities 05									
Bill of Quantities									
							Unit		Total

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)
82	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	791.220	909.001	Nine Hundred and Nine point Zero Zero One	719219.771	Seven Lakh Nineteen Thousand Two Hundred and Nineteen point Seven Seven One
83	36-150	36-150-20	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	Sqm	57.800	920.001	Nine Hundred and Twenty point Zero Zero One	53176.058	Fifty-Three Thousand One Hundred and Seventy-Six point Zero Five Eight

			including the cost of all materials as per direction of Engineer in charge.36-150-20 Deck slab, operating deck slab, top slab of barrel upto 3.5m height with 60-80mm dia barrack bamboo props.						
84	76-630	76-630-10	"Supply and fitting and fixing 23cm wide P.V.C water stops having minimum strength of 13.80 N/mm ² at 225% elongation and of approved quality in cntraction and expansion joints with necessary arrangments for modification in shuttering and kepping the water stop in position etc. complete as per design, specification and direction of Engineer in charge. 76-630-10 : 3 bulb type."	m	31.000	1133.001	One Thousand One Hundred and Thirty-Three point Zero Zero One	35123.031	Thirty-Five Thousand One Hundred and Twenty-Three point Zero Three One
85	72-540	72-540	Epoxy paint 2 coats of approved colour and specification over a primingcoat to gate, hoisting device and embedded metal parts including craping out rust and old paint with chisel, scraper, steel wire brush & emery paper etc. complete in all respect including the cost of all materials as per direction of Engineer in charge.	Sqm	113.210	360.001	Three Hundred and Sixty point Zero Zero One	40755.713	Forty Thousand Seven Hundred and Fifty-Five point Seven One Three
	16	16-	"Supplying and filling sand in foundation of hydraulic structures, buildings and in protective works with selected sand, in 150mm thick layer, including levelling, dressing, ramming, watering				One Thousand Four Hundred		Five Lakh Twenty-Nine Thousand One Hundred

86	10-520	520-20	etc. complete (compacted to 50% relative density by manual labour using mallet/ vibro compactor) as per direction of Engineer in charge. 16-520-20 : sand of FM>=1.50"	Cum	372.630	1420.001	One Hundred and Twenty point Zero Zero One	529134.973	and Thirty-Four point Nine Seven Three
87	40-610	40-610-20	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:40-610-20	Cum	39.170	3730.001	Three Thousand Seven Hundred and Thirty point Zero Zero One	146104.139	One Lakh Forty-Six Thousand One Hundred and Four point One Three Nine
88	40-610	40-610-30	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:40-610-30	Cum	39.170	4076.001	Four Thousand AND Seventy-Six point Zero Zero One	159656.959	One Lakh Fifty-Nine Thousand Six Hundred and Fifty-Six point Nine Five Nine
89	40-650	40-650-20	"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 charge. 40-650-20 : FM : 1.5 to 2.0"	cum	10.670	1575.001	One Thousand Five Hundred and Seventy-Five point Zero Zero One	16805.261	Sixteen Thousand Eight Hundred and Five point Two Six One

90	40-140	40-140-50	<p>"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/mm² 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.</p> <p>40-140-50 : block size 30cmx30cmx30cm."</p>	each	9648.000	317.001	Three Hundred and Seventeen point Zero Zero One	3058425.648	Thirty Lakh Fifty-Eight Thousand Four Hundred and Twenty-Five point Six Four Eight
91	40-220	40-220-10	<p>"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.</p> <p>40-220-10 : Within 200 m."</p>	Cum	260.490	1145.001	One Thousand One Hundred and Forty-Five point Zero Zero One	298261.310	Two Lakh Ninety-Eight Thousand Two Hundred and Sixty-One point Three One
92	76-170	76-170	<p>M.S. Work in plates, angles, channels, flat bars, Tees etc. including fabricating, machining, cutting, bending, welding, forging, drilling, revetting, embedding anchor bars, staging and fitting, fixing, local handling etc. complete with energy consumption and supply of labours including the cost of materials as per design,</p>	Kg	3615.390	140.001	One Hundred and Forty point Zero Zero One	506158.215	Five Lakh Six Thousand One Hundred and Fifty-Eight point Two One Five

			specification and direction of Engineer in charge.						
93	80-230	80-230-40	<p>"Supplying, laying, fitting and fixing of different dia G.I. pipes with all special fittings, such as bends, elbows, sockets, tees, unions, jamnuts 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:</p> <p>80-230-40 : 40mm dia G.I. pipe line."</p>	m	9.000	230.001	Two Hundred and Thirty point Zero Zero One	2070.009	Two Thousand AND Seventy point Zero Zero Nine
94	76-240	76-240-40	<p>"Manufacturing & Supplying of M.S. Vertical Lift Gate shutter of 8mm thick M.S. skin plate and stiffener with 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</p>	Each	3.000	96700.001	Ninety-Six Thousand Seven Hundred point Zero Zero One	290100.003	Two Lakh Ninety Thousand One Hundred point Zero Zero Three

			necessary as per specification and direction of Engineer in charge. 76-240-40 : Size 1.95m x 1.65m."						
95	76-260	76-260-20	"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/sluiice 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. 76-260-20 : Size 1.95m x 1.35m or 1.95m x 1.65m."	Each	6.000	9990.001	Nine Thousand Nine Hundred and Ninety point Zero Zero One	59940.006	Fifty-Nine Thousand Nine Hundred and Forty point Zero Zero Six
96	76-190	76-190	Manufacturing, supplying and Installation of Padestal type lifting device for slide gate with 63mm dia threaded steel shaft, 146mm outer 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.	Each	3.000	84135.001	Eighty-Four Thousand One Hundred and Thirty-Five point Zero Zero One	252405.003	Two Lakh Fifty-Two Thousand Four Hundred and Five point Zero Zero Three
			"Earth work by manual labour in resectioning of embankment/ canal bank/ river slopes/						

97	16-140	16-140-10	road/ compound etc. manually compacted by 7.0 kg iron rammer to avoid any air pocket in clayey soil (minimum 30% clay, 0-40% silt and 0-30% sand) within the initial lead of 30m and all lifts including throwing the spoils to profile in layers not exceeding 150mm thickness with clod breaking to a maximum size of 100mm, removing roots & stumps of trees of girth upto 200mm from the ground, benching the side slopes, stripping/ ploughing the base of embankment and borrowpit areas, dug bailing, bail out of water, rough dressing including 150mm cambering at the centre of the crest (where necessary) etc. complete as per direction of Engineer in charge. 16-140-10: 0 m to 3 m height"	Cum	795.000	145.001	One Hundred and Forty-Five point Zero Zero One	115275.795	One Lakh Fifteen Thousand Two Hundred and Seventy-Five point Seven Nine Five
98	16-130	16-130	Earth work by manual labour in all kinds of soil in excavation or reexcavation of channels with the initial lead of 30m and lift of 1.5m including levelling, dressing and throwing the spoils to profile with breaking clods, rough dressing, clearing jungles including cutting trees upto 200mm girth, dug bailing etc. complete as per direction of Engineer in charge.	each	8652.500	130.001	One Hundred and Thirty point Zero Zero One	1124833.653	Eleven Lakh Twenty-Four Thousand Eight Hundred and Thirty-Three point Six Five Three
			Extra rate for every additional lift of						Forty-Three Thousand

99	16-200	16-200	1.0m or part thereof beyond the initial lift of 1.5m (30cm neglected) for all kinds of earth work. 1 lift x 10.99 = Tk 10.99	Plt/cum	4326.250	10.001	Ten point Zero Zero One	43266.826	Thousand Two Hundred and Sixty-Six point Eight Two Six
100	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 (3m neglected) for all kinds of earth work. Lead= 2 no x 14.57 = Tk 29.14	Pld/Cum	4326.250	29.001	Twenty-Nine point Zero Zero One	125465.576	One Lakh Twenty-Five Thousand Four Hundred and Sixty-Five point Five Seven Six
101	16-220	16-220	Earth work by manual labour with clayey soil (minimum 30% clay, 0-40% silt and 0-30% sand) in construction of cross bundh/ ring bundh as per design and specification with all leads and lifts, throwing the earth in layers not exceeding 150mm in thickness, including breaking clods, rough dressing, clearing the jungle, removing stumps, dug bailing and 75mm cambering etc. complete as per direction of Engineer in charge.	Cum	1992.000	130.001	One Hundred and Thirty point Zero Zero One	258961.992	Two Lakh Fifty-Eight Thousand Nine Hundred and Sixty-One point Nine Nine Two
							Grand Total:	7835139.941	Seventy-Eight Lakh Thirty-Five Thousand One Hundred and Thirty-Nine point Nine Four One

This Bill of Quantities 05 is Electronically Signed by Mr. Shaikh on behalf of RE-MARCO (JV)