

Individual Report

Tender/Proposal Detail			
Tender/Proposal ID :	118565	Invitation Reference No. :	T-1/BWDB/Kishore/6121 , Date: 30/08/2017
Closing Date and Time :	18-Oct-2017 16:00	Opening Date and Time :	18-Oct-2017 16:00
Procuring Entity :	Kishoreganj WD Division		
Brief :	<p>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. Package No.BWDB/Kish/HFMLIP/PW-12.</p> <p>Special Instructions:</p> <p>01. Tenderers should visit the working site before submission of tender.</p> <p>02. Notification of Award (NOA) will be issued after getting proper administrative approval from the competent authority.</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. 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&</p>		

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

PMPL-LA-TTSL Joint Venture (JVCA)									
Bill of Quantities 02									
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)
			Construction of B.M. Pillars at site with first class bricks in cement mortar (1:4) of size 38cm x 38cm x						

15	04-120	04-120 Regulator (4 vent regulator at Moharkona Khal)	75cm on cement concrete (1:2:4) base of size 50cm x 50cm x 7.5cm 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 level etc. complete including ramming the backfill and the cost of all materials as per direction of Engineer in charge.	Each	4.000	1083.393	One Thousand AND Eighty-Three point Three Nine Three	4333.572	Four Thousand Three Hundred and Thirty-Three point Five Seven Two
16	04-180	04-180	Site preparation by manually removing all miscellaneous objectional materials from entire site and removing soil upto 15cm depth including uprooting stumps, jungle clearing, levelling dressing etc. complete as per direction of Engineer in charge.	sqm	15000.000	24.948	Twenty-Four point Nine Four Eight	374220.000	Three Lakh Seventy-Four Thousand Two Hundred and Twenty
17	04-620-20	04-620-20	"Filling of expansion joints upto a depth of 40 mm with bitumen mixed with coarse sand (FM \geq 2.5) in concrete works including supply of all materials etc. complete as per specification and direction of Engineer in charge. 04-620-20 . 20 mm wide."	m	32.200	62.586	Sixty-Two point Five Eight Six	2015.269	Two Thousand AND Fifteen point Two Six Nine
18	12-100	12-100	Installation of pizeometer including supply of 40mm G.I. pipe, brass strainer, socket, labour, by wash boring, lowering, fixing the elevation and providing cover on the top of the well etc. complete as per direction of Engineer in charge.	each	6.000	2325.798	Two Thousand Three Hundred and Twenty-Five point Seven Nine Eight	13954.788	Thirteen Thousand Nine Hundred and Fifty-Four point Seven Eight Eight
			"Earth work in excavation of foundation trenches						

19	16-310	16-310-10	<p>in all kinds of soil as per layout plan of foundation excavation with all leads and lifts and placing the spoil earth for constructing the ring bundh/offerdam where necessary as per design and specification or disposing it to a safe distance including pushing, levelling, dressing, etc. complete as per direction of Engineer in charge.</p> <p>16-310-10 : For moving spoil earth upto a distance of 100m from the centre of the pit"</p>	Cum	7799.000	284.134	Two Hundred and Eighty-Four point One Three Four	2215961.066	Twenty-Two Lakh Fifteen Thousand Nine Hundred and Sixty-One point Zero Six Six
20	16-560	16-560-20	<p>"Shoring for slope protection of foundation trench, canal, embankment, road, pond etc. as per design slopes, grades including removal of spoils to a safe distance as per direction of Engineer in charge.</p> <p>16-560-20: By bamboo post of 6.0m length, c/c fixed with nails."</p>	Sqm	389.600	753.435	Seven Hundred and Fifty-Three point Four Three Five	293538.276	Two Lakh Ninety-Three Thousand Five Hundred and Thirty-Eight point Two Seven Six
21	12-310	12-310-20	<p>"Bailing out of water with all leads and lifts by manual labour or pump, with all arrangements for protection of ring 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.</p> <p>12-310-20 : By pump."</p>	Cum	101942.520	5.517	Five point Five One Seven	562416.883	Five Lakh Sixty-Two Thousand Four Hundred and Sixteen point Eight Eight Three
			"Supplying at site U-shape hot rolled						

22	44-240	44-240-30	<p>steel sheet pile of different section of Phosphorus=0.04% (Maximum), Sulphur = 0.04% (Maximum), Copper= 0.25% (Minimum), Tensile strength=> 490 N/mm² , Yield strength =>296 N/mm², Elongation =15% (Minimum) including all taxes, freights, incidental charges etc. complete as per direction of the Engineer -in-charge.</p> <p>44-240-30 : U-shape, hot- rolled steel sheet pile width= 400mm to 600mm: height=> 100mm, Th.=> 10.5: wt. per sqm of pile wall =>120 kg/m²: sectional modulus per one meter of pile wall width => 874 cm³/m. "</p>	M.Ton	26.880	130608.477	One Lakh Thirty Thousand Six Hundred and Eight point Four Seven Seven	3510755.862	Thirty-Five Lakh Ten Thousand Seven Hundred and Fifty-Five point Eight Six Two
23	44-320	44-320-10	<p>"Cutting of steel sheet piles to design length and shape as per requirement in design and drawing and as per direction of Engineer in charge.</p> <p>44-320-10 : Upto 10mm thick."</p>	m	91.000	35.244	Thirty-Five point Two Four Four	3207.204	Three Thousand Two Hundred and Seven point Two Zero Four
24	12-300	12-300	<p>Construction of sump well with dug holes of size 1.80 m x 2.0 m, laying in position the perforated empty diesel/petrol drum sheet of 1.00 m dia to a depth 1.5m having slot area of 1000 sq.cm/sqm, slot dia being 30mm each with supply of necessary shrouding materials comprising of 60% 40mm down graded khoa and 40% coarse sand of FM>=2.50 and placing those around and</p>	Each	14.000	15490.053	Fifteen Thousand Four Hundred and Ninety point Zero Five Three	216860.742	Two Lakh Sixteen Thousand Eight Hundred and Sixty point Seven Four Two

			beneath the drum sheet having thickness of 40cm and 50cm respectively including necessary welding, fitting etc. complete as per direction of Engineer in charge.						
25	44-270	44-270-20	<p>"Driving steel sheet piles of various sections and weights of any type of soil, by monkey hammer including handling and placing in position, staging and supplying of all equipments like monkey hammer, pully, rope, bamboo, bullah etc. including correcting leaning beyond tolerance & other defects and any other incidental cost etc. complete (measurement will be taken on projected width x height) as per direction of Engineer in charge.</p> <p>44-270-20: U-type or any other type : Upto 4.50 m depth."</p>	Sqm	207.200	1125.675	One Thousand One Hundred and Twenty-Five point Six Seven Five	233239.860	Two Lakh Thirty-Three Thousand Two Hundred and Thirty-Nine point Eight Six
26	72-180	72-180	Painting of steel sheet piles, 2 coats of bitumen paint, including preparation of surface with sand paper, iron brush etc. including the cost of all materials and labour etc. complete as per direction of Engineer in charge.	Sqm	728.000	263.997	Two Hundred and Sixty-Three point Nine Nine Seven	192189.816	One Lakh Ninety-Two Thousand One Hundred and Eighty-Nine point Eight One Six
27	44-310	44-310	Supplying and placing 20mm thick hessian cloth impregnated with bitumen in expansion joints or on top of sheet piles as per specification and direction of Engineer in charge.	sqm	68.250	415.619	Four Hundred and Fifteen point Six One Nine	28365.997	Twenty-Eight Thousand Three Hundred and Sixty-Five point Nine Nine Seven
			"Supplying and laying single layer polythene sheet in						Eleven

28	44-220	44-220-10	floor below cement concrete, RCC slab, on walls etc. complete in all respect as per direction of Engineer in charge. 44-220-10: Weighing minimum 1.0 kg per 6.50 sqm"	Sqm	411.160	28.098	Twenty-Eight point Zero Nine Eight	11552.774	Eleven Thousand Five Hundred and Fifty-Two point Seven Seven Four
29	28-120	28-120-20	"Cement concrete work in leanest mix. 1:3:6 with sand of FM>=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 formworks etc. complete as per direction of Engineer in charge. 28-120-20: With 25mm down graded stone chips."	Cum	52.580	9859.032	Nine Thousand Eight Hundred and Fifty-Nine point Zero Three Two	518387.903	Five Lakh Eighteen Thousand Three Hundred and Eighty-Seven point Nine Zero Three
30	28-100	28-100-20	"Cement concrete work in leanest mix. 1:4:8, with sand of FM>=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 formworks etc. complete as per direction of Engineer in charge. 28-100-20 : With 25mm down graded stone chips"	Cum	1.680	9541.071	Nine Thousand Five Hundred and Forty-One point Zero Seven One	16028.999	Sixteen Thousand AND Twenty-Eight point Nine Nine Nine
			"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						

31	28-200	28-200-10	<p>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.</p> <p>28-200-10 : with stone chips"</p>	Cum	488.890	10507.041	Ten Thousand Five Hundred and Seven point Zero Four One	5136787.274	Fifty-One Lakh Thirty-Six Thousand Seven Hundred and Eighty-Seven point Two Seven Four
32	76-120	76-120-10	<p>"M.S. Work for reinforcement with deformed M.S. bar, 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.</p> <p>76-120-10: 8mm dia to 30mm dia"</p>	Kg	38615.120	69.606	Sixty-Nine point Six Zero Six	2687844.043	Twenty-Six Lakh Eighty-Seven Thousand Eight Hundred and Forty-Four point Zero Four Three
33	76-115	76-115-10	<p>"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.</p> <p>76-115-10 : 6mm dia"</p>	Kg	101.380	66.933	Sixty-Six point Nine Three Three	6785.668	Six Thousand Seven Hundred and Eighty-Five point Six Six Eight

34	36-150	36-150-60	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.A)36-150-60Footing, footing beams, grade beams, foundation slab with 60-80mm dia barrack bamboo props.	Sqm	261.995	661.815	Six Hundred and Sixty-One point Eight One Five	173392.221	One Lakh Seventy-Three Thousand Three Hundred and Ninety-Two point Two Two One
35	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.B)36-150-10"Vertical and inclined walls,	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

			columns, piers with 60-80mm dia barrack bamboo props."						
36	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. C)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
							Grand Total:	16897588.567	One Crore Sixty-Six Lakh Ninety-Seven Thousand Five Hundred and Eighty-Eight point Five Six Seven

This Bill of Quantities 02 is Electronically Signed by Mr. Razzaque on behalf of PMPL-LA-TTSL Joint Venture

RE-MARCO (JV) (JVCA)									
Bill of Quantities 02									
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)
			Construction of						

15	04-120	04-120 Regulator (4 vent regulator at Moharkona Khal)	B.M. Pillars at site with first class bricks in cement mortar (1:4) of size 38cm x 38cm x 75cm on cement concrete (1:2:4) base of size 50cm x 50cm x 7.5cm 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 level etc. complete including ramming the backfill and the cost of all materials as per direction of Engineer in charge.	Each	4.000	1203.771	One Thousand Two Hundred and Three point Seven Seven One	4815.084	Four Thousand Eight Hundred and Fifteen point Zero Eight Four
16	04-180	04-180	Site preparation by manually removing all miscellaneous objectional materials from entire site and removing soil upto 15cm depth including uprooting stumps, jungle clearing, levelling dressing etc. complete as per direction of Engineer in charge.	sqm	15000.000	27.721	Twenty-Seven point Seven Two One	415815.000	Four Lakh Fifteen Thousand Eight Hundred and Fifteen
17	04-620-20	04-620-20	"Filling of expansion joints upto a depth of 40 mm with bitumen mixed with coarse sand (FM>=2.5) in concrete works including supply of all materials etc. complete as per specification and direction of Engineer in charge. 04-620-20 . 20 mm wide."	m	32.200	69.541	Sixty-Nine point Five Four One	2239.220	Two Thousand Two Hundred and Thirty-Nine point Two Two
18	12-100	12-100	Installation of piezometer including supply of 40mm G.I. pipe, brass strainer, socket, labour, by wash boring, lowering, fixing the elevation and providing cover on the top of the well etc. complete as per direction of	each	6.000	2584.221	Two Thousand Five Hundred and Eighty-Four point Two Two One	15505.326	Fifteen Thousand Five Hundred and Five point Three Two Six

			Engineer in charge.						
19	16-310	16-310-10	<p>"Earth work in excavation of foundation trenches in all kinds of soil as per layout plan of foundation excavation with all leads and lifts and placing the spoil earth for constructing the ring bundh/offerdam where necessary as per design and specification or disposing it to a safe distance including pushing, levelling, dressing, etc. complete as per direction of Engineer in charge.</p> <p>16-310-10 : For moving spoil earth upto a distance of 100m from the centre of the pit"</p>	Cum	7799.000	206.001	Two Hundred and Six point Zero Zero One	1606601.799	Sixteen Lakh Six Thousand Six Hundred and One point Seven Nine Nine
20	16-560	16-560-20	<p>"Shoring for slope protection of foundation trench, canal, embankment, road, pond etc. as per design slopes, grades including removal of spoils to a safe distance as per direction of Engineer in charge.</p> <p>16-560-20: By bamboo post of 6.0m length, c/c fixed with nails."</p>	Sqm	389.600	837.151	Eight Hundred and Thirty-Seven point One Five One	326154.030	Three Lakh Twenty-Six Thousand One Hundred and Fifty-Four point Zero Three
21	12-310	12-310-20	<p>"Bailing out of water with all leads and lifts by manual labour or pump, with all arrangements for protection of ring 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.</p> <p>12-310-20 : By</p>	Cum	101942.520	5.501	Five point Five Zero One	560785.803	Five Lakh Sixty Thousand Seven Hundred and Eighty-Five point Eight Zero Three

			pump. "						
22	44-240	44-240-30	<p>"Supplying at site U-shape hot rolled steel sheet pile of different section of Phosphorus=0.04% (Maximum), Sulphur = 0.04% (Maximum), Copper= 0.25% (Minimum), Tensile strength=> 490 N/mm2 , Yield strength =>296 N/mm2, Elongation =15% (Minimum) including all taxes, freights, incidental charges etc. complete as per direction of the Engineer -in-charge.</p> <p>44-240-30 : U-shape, hot- rolled steel sheet pile width= 400mm to 600mm: height=> 100mm, Th=> 10.5: wt. per sqm of pile wall =>120 kg/m2: sectional modulus per one meter of pile wall width => 874 cm3/m. "</p>	M.Ton	26.880	145120.531	One Lakh Forty-Five Thousand One Hundred and Twenty point Five Three One	3900839.873	Thirty-Nine Lakh Eight Hundred and Thirty-Nine point Eight Seven Three
23	44-320	44-320-10	<p>"Cutting of steel sheet piles to design length and shape as per requirement in design and drawing and as per direction of Engineer in charge.</p> <p>44-320-10 : Upto 10mm thick."</p>	m	91.000	39.161	Thirty-Nine point One Six One	3563.651	Three Thousand Five Hundred and Sixty-Three point Six Five One
24	12-300	12-300	<p>Construction of sump well with dug holes of size 1.80 m x 2.0 m, laying in position the perforated empty diesel/petrol drum sheet of 1.00 m dia to a depth 1.5m having slot area of 1000 sq.cm/sqm, slot dia being 30mm each with supply of necessary shrouding materials comprising of 60% 40mm down graded khoa and</p>	Each	14.000	17211.171	Seventeen Thousand Two Hundred and Eleven point One	240956.394	Two Lakh Forty Thousand Nine Hundred and Fifty-Six point

			40% coarse sand of FM>=2.50 and placing those around and beneath the drum sheet having thickness of 40cm and 50cm respectively including necessary welding, fitting etc. complete as per direction of Engineer in charge.				Seven One		Three Nine Four
25	44-270	44-270-20	"Driving steel sheet piles of various sections and weights of any type of soil, by monkey hammer including handling and placing in position, staging and supplying of all equipments like monkey hammer, pully, rope, bamboo, bullah etc. including correcting leaning beyond tolerance & other defects and any other incidental cost etc. complete (measurement will be taken on projected width x height) as per direction of Engineer in charge. 44-270-20: U-type or any other type : Upto 4.50 m depth."	Sqm	207.200	1250.751	One Thousand Two Hundred and Fifty point Seven Five One	259155.607	Two Lakh Fifty-Nine Thousand One Hundred and Fifty-Five point Six Zero Seven
26	72-180	72-180	Painting of steel sheet piles, 2 coats of bitumen paint, including preparation of surface with sand paper, iron brush etc. including the cost of all materials and labour etc. complete as per direction of Engineer in charge.	Sqm	728.000	293.331	Two Hundred and Ninety-Three point Three Three One	213544.968	Two Lakh Thirteen Thousand Five Hundred and Forty-Four point Nine Six Eight
27	44-310	44-310	Supplying and placing 20mm thick hessian cloth impregnated with bitumen in expansion joints or on top of sheet piles as per specification and direction of Engineer in charge.	sqm	68.250	461.801	Four Hundred and Sixty-One point Eight Zero One	31517.918	Thirty-One Thousand Five Hundred and Seventeen point Nine One Eight

28	44-220	44-220-10	"Supplying and laying single layer polythene sheet in floor below cement concrete, RCC slab, on walls etc. complete in all respect as per direction of Engineer in charge. 44-220-10: Weighing minimum 1.0 kg per 6.50 sqm"	Sqm	411.160	31.221	Thirty-One point Two Two One	12836.826	Twelve Thousand Eight Hundred and Thirty-Six point Eight Two Six
29	28-120	28-120-20	"Cement concrete work in leanest mix. 1:3:6 with sand of FM>=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 formworks etc. complete as per direction of Engineer in charge. 28-120-20: With 25mm down graded stone chips."	Cum	52.580	10954.481	Ten Thousand Nine Hundred and Fifty-Four point Four Eight One	575986.611	Five Lakh Seventy-Five Thousand Nine Hundred and Eighty-Six point Six One One
30	28-100	28-100-20	"Cement concrete work in leanest mix. 1:4:8, with sand of FM>=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 formworks etc. complete as per direction of Engineer in charge. 28-100-20 : With 25mm down graded stone chips"	Cum	1.680	10601.191	Ten Thousand Six Hundred and One point One Nine One	17810.001	Seventeen Thousand Eight Hundred and Ten point Zero Zero One
			"Reinforced cement concrete work in leanest mix. 1:1.5:3, with 20mm down graded coarse aggregates						

31	28-200	28-200-10	<p>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.</p> <p>28-200-10 : with stone chips"</p>	Cum	488.890	11674.491	Eleven Thousand Six Hundred and Seventy-Four point Four Nine One	5707541.905	Fifty-Seven Lakh Seven Thousand Five Hundred and Forty-One point Nine Zero Five
32	76-120	76-120-10	<p>"M.S. Work for reinforcement with deformed M.S. bar, 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.</p> <p>76-120-10: 8mm dia to 30mm dia"</p>	Kg	38615.120	77.341	Seventy-Seven point Three Four One	2986531.996	Twenty-Nine Lakh Eighty-Six Thousand Five Hundred and Thirty-One point Nine Nine Six
33	76-115	76-115-10	<p>"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</p>	Kg	101.380	74.371	Seventy-Four point Three Seven One	7539.732	Seven Thousand Five Hundred and Thirty-Nine point Seven Three Two

			Engineer in charge. 76-115-10 : 6mm dia"						
34	36-150	36-150-60	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.A)36-150-60Footing, footing beams, grade beams, foundation slab with 60-80mm dia barrack bamboo props.	Sqm	261.995	735.351	Seven Hundred and Thirty-Five point Three Five One	192658.285	One Lakh Ninety-Two Thousand Six Hundred and Fifty-Eight point Two Eight Five
35	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	Sqm	791.220	909.691	Nine Hundred and Nine point Six Nine One	719765.713	Seven Lakh Nineteen Thousand Seven Hundred and Sixty-Five point Seven One Three

			per direction of Engineer in charge.B)36-150-10"Vertical and inclined walls, columns, piers with 60-80mm dia barrack bamboo props."						
36	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. C)36-150-20	Sqm	57.800	900.001	Nine Hundred point Zero Zero One	52020.058	Fifty-Two Thousand AND Twenty point Zero Five Eight
							Grand Total:	17854185.800	One Crore Seventy-Eight Lakh Fifty-Four Thousand One Hundred and Eighty-Five point Eight

This Bill of Quantities 02 is Electronically Signed by Mr. Shaikh on behalf of RE-MARCO (JV)