

Individual Report

Tender/Proposal Detail			
Tender/Proposal ID :	137007	Invitation Reference No. :	830 date- 13/11/17
Closing Date and Time :	29-Nov-2017 14:00	Opening Date and Time :	29-Nov-2017 14:00
Procuring Entity :	Habiganj O&M Division		
Brief :	Construction of 4.0m wide Causeway-2 nos 6.0m wide Causeway-2 nos Pipe/Box Sluice/Culvert - 9 nos and Irrigation Inlet -15 nos at Mokhar Haor in C/W Haor Flood Management and Livelihood Improvement Project BWDB Part in Upazila- Baniyachong & Nabiganj District- Habiganj under Habiganj O&M Division BWDB Habiganj during the year 2017-18 & 2018-19. Package No- BWDB/Hobi/HFMLIP/PW-06		

Package No	Package Description
BWDB/Hobi/HFMLIP/PW-06	Construction of 4.0m wide Causeway-2 nos 6.0m wide Causeway-2 nos Pipe/Box Sluice/Culvert - 9 nos and Irrigation Inlet -15 nos at Mokhar Haor in C/W Haor Flood Management and Livelihood Improvement Project BWDB Part in Upazila- Baniyachong & Nabiganj District- Habiganj under Habiganj O&M Division BWDB Habiganj during the year 2017-18 & 2018-19. Package No-BWDB/Hobi/HFMLIP/PW-06

DAWN-MAMCL JV (JVCA)
BoQ-3

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)
21	76-120	76-120-10	M.S. Work for reinforcement with deformed M.S. bar, fy=414 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. 8mm to 30 mm dia	kg	253911.770	80.001	Eighty point Zero Zero One	20313195.512	Two Crore Three Lakh Thirteen Thousand One Hundred and Ninety-Five point Five One Two
			Reinforced cement concrete works in leanest mix 1:1.5:3, with 20mm down						

22	28-200	28-200-10	graded coarse aggregates and sand of FM \geq 2.0 to FM \leq 2.5 to attain a minimum 28 days cylinder strength of 22.0 N/mm ² , including breaking, screening, grading, 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	2426.910	12000.001	Twelve Thousand point Zero Zero One	29122922.427	Two Crore Ninety-One Lakh Twenty-Two Thousand Nine Hundred and Twenty-Two point Four Two Seven
23	60-260	60-260-35	Manufacturing and supplying standard machine made RCC pipe of different diameter, length and thickness in construction of Drain/Sluice/Culvert/ Outer and any other works in leanest mix. 1:1,5:3 with 12mm/20mm down graded stone chips, sand of FM \geq 2.0 and admixture (water reducing plasticiser) @ 1.5 litre per cubic meter of concrete to attain a minimum 28 days cylinder strength of 25 N/mm ² including breaking, screening, grading and washing aggregates with clear water, mixing, laying in forms, consolidating, curing including the cost of 6mm dia M.S. work for reinforcement and form works as per approved drawing and specification including tools, plants, testing, stacking in measurable stack etc. complete as per direction of Engineer in charge.	m	189.000	2500.001	Two Thousand Five Hundred point Zero Zero One	472500.189	Four Lakh Seventy-Two Thousand Five Hundred point One Eight Nine

			RCC Pipe : 600mm dia, wall thickness not less than 60mm, circular reinforcement 95mm c/c and longitudinal reinforcement 210mm c/c						
24	60-300	60-300-35	Laying in position standard machine made RCC pipe of different diameter in construction of drain/ sluice/ culvert/ outlet and any other work including fitting, fixing the socket where necessary, local handling, cutting, dressing, levelling, plumbing etc. complete as per design, specification and direction Engineer in charge. 600mm dia	m	189.000	80.001	Eighty point Zero Zero One	15120.189	Fifteen Thousand One Hundred and Twenty point One Eight Nine
25	16-540	16-540-20	Back filling in hydraulic structures including all leads and lifts in 150mm layer including watering, ramming, compacting to 30% relative density etc. complete by compactor or any other suitable method as per direction of Engineer in charge. Send of FM>=0.80	cum	11546.310	750.001	Seven Hundred and Fifty point Zero Zero One	8659744.046	Eighty-Six Lakh Fifty-Nine Thousand Seven Hundred and Forty-Four point Zero Four Six
26(a)	40-140	40-140-40	"Manufacturing and supplying C.C. blocks in leanest mix. 1:3:6, with each cement, sand (FM>=1.5) and Stone Chips (40mm down graded), to attain a minimum 28 days cylinder strength of 9.0 N/mm ² 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	each	13915.000	360.001	Three Hundred and Sixty point Zero Zero One	5009413.915	Fifty Lakh Nine Thousand Four Hundred and Thirteen point Nine One Five

			including supply of all materials (steel shutter to be used) as per direction of Engineer in charge. "						
			block size 40cmx40cmx20cm.						
26(b)	40-140	40-140-50	"Manufacturing and supplying C.C. blocks in leanest mix. 1:3:6, with each cement, sand (FM>=1.5) and Stone Chips (40mm down graded), to attain a minimum 28 days cylinder strength of 9.0 N/mm ² 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. "	each	57014.000	360.001	Three Hundred and Sixty point Zero One	20525097.014	Two Crore Five Lakh Twenty-Five Thousand AND Ninety-Seven point Zero One Four
27	40-900	40-900	Earth work in cutting and filling of eroded bank of river, channel etc. to design slope, including levelling, dressing and compacting the earth in 150mm layers and preparation of the base for bank protection work as per direction of Engineer in charge.	cum	14731.200	140.001	One Hundred and Forty point Zero One	2062382.731	Twenty Lakh Sixty-Two Thousand Three Hundred and Eighty-Two point Seven Three One
28	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	cum	434.460	1200.001	One Thousand Two Hundred point Zero One	521352.434	Five Lakh Twenty-One Thousand Three Hundred and Fifty-Two point Four Three

			direction of Engineer in charge. FM 1.5 to 2.0						Three Four
29	40- 600	40- 600- 20	<p>"Supplying and placing non-woven needle punched type geotextile fabric (100% Polypropylene Fabric, unit weight : 855 kg/m3 to 946 Kg/m3) as filter materials of elongation at maximum force machine direction (MD) >=60% and <=100%, elongation at maximum force (CMD)=>40% and <=100%, horizontal and vertical permeability (under 2 kn/m2 pressure) =>2 x 10E-3m/sec. for effective erosion protection in hydraulic structures/river training works including local handling, placing in position, providing machine seamed joints (with 100% polypropylene or nylon thread) or 35cm lap in dry condition or minimum 100cm lap under water including protecting the geotextile material from UV ray and from any other damages including supply of all materials, labours, equipment etc. complete as per direction of Engineer in charge. (Geotextile delivered at site should be certified by ISO and clearly labeled with brand name and grade printed at regular intervals across the body of the fabric)"</p> <p>Mass =>300gm/m2, thickness (under 2 kpa pressure) =>2.00mm,</p>	sqm	2074.680	160.001	One Hundred and Sixty point Zero Zero One	331950.875	Three Lakh Thirty- One Thousand Nine Hundred and Fifty point Eight Seven Five

			EoS<=0.11mm, strip tensile strength =>15kn/m, grab strength =>850N, CBR puncture resistance =>2200N.						
30(a)	40- 610	40- 610- 20	Supply 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. Well graded between 40mm to 20mm size.	cum	295.950	4000.001	Four Thousand point Zero Zero One	1183800.296	Eleven Lakh Eighty- Three Thousand Eight Hundred point Two Nine Six
30(b)	40- 610	40- 610- 30	Supply 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. Well graded between 20mm to 5mm size.(Combination of sub- item 10 & 30 or 20 & 30 shall be used)	cum	295.950	4100.001	Four Thousand One Hundred point Zero Zero One	1213395.296	Twelve Lakh Thirteen Thousand Three Hundred and Ninety- Five point Two Nine Six
							Grand Total:	89430874.924	Eight Crore Ninety- Four Lakh Thirty Thousand Eight Hundred and Seventy- Four point Nine Two Four

**SA-BTC JV
(JVCA)**

BoQ-3

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)
21	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. 8mm to 30 mm dia	kg	253911.770	76.001	Seventy-Six point Zero Zero One	19297548.432	One Crore Ninety-Two Lakh Ninety-Seven Thousand Five Hundred and Forty-Eight point Four Three Two
22	28-200	28-200-10	Reinforced cement concrete works in leanest mix 1:1.5:3, with 20mm down graded coarse aggregates and sand of $FM \geq 2.0$ to $FM \leq 2.5$ to attain a minimum 28 days cylinder strength of 22.0 N/mm^2 , including breaking, screening, grading, 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	2426.910	10650.001	Ten Thousand Six Hundred and Fifty point Zero Zero One	25846593.927	Two Crore Fifty-Eight Lakh Forty-Six Thousand Five Hundred and Ninety-Three point Nine Two Seven

23	60-260	60-260-35	<p>Manufacturing and supplying standard machine made RCC pipe of different diameter, length and thickness in construction of Drain/Sluice/Culvert/Outer and any other works in leanest mix. 1:1,5:3 with 12mm/20mm down graded stone chips, sand of FM>=2.0 and admixture (water reducing plasticiser) @ 1.5 litre per cubic meter of concrete to attain a minimum 28 days cylinder strength of 25 N/mm² including breaking, screening, grading and washing aggregates with clear water, mixing, laying in forms, consolidating, curing including the cost of 6mm dia M.S. work for reinforcement and form works as per approved drawing and specification including tools, plants, testing, stacking in measurable stack etc. complete as per direction of Engineer in charge.</p> <p>RCC Pipe : 600mm dia, wall thickness not less than 60mm, circular reinforcement 95mm c/c and longitudinal reinforcement 210mm c/c</p>	m	189.000	2500.001	Two Thousand Five Hundred point Zero One	472500.189	Four Lakh Seventy-Two Thousand Five Hundred point One Eight Nine
24	60-300	60-300-35	<p>Laying in position standard machine made RCC pipe of different diameter in construction of drain/ sluice/ culvert/ outlet and any other work including fitting, fixing the socket where necessary, local handling, cutting, dressing, levelling, plumbing etc. complete as per design, specification</p>	m	189.000	70.001	Seventy point Zero One	13230.189	Thirteen Thousand Two Hundred and Thirty point One Eight Nine

			and direction Engineer in charge. 600mm dia						
25	16-540	16-540-20	Back filling in hydraulic structures including all leads and lifts in 150mm layer including watering, ramming, compacting to 30% relative density etc. complete by compactor or any other suitable method as per direction of Engineer in charge. Send of FM>=0.80	cum	11546.310	800.001	Eight Hundred point Zero Zero One	9237059.546	Ninety-Two Lakh Thirty-Seven Thousand AND Fifty-Nine point Five Four Six
26(a)	40-140	40-140-40	"Manufacturing and supplying C.C. blocks in leanest mix. 1:3:6, with each cement, sand (FM>=1.5) and Stone Chips (40mm down graded), to attain a minimum 28 days cylinder strength of 9.0 N/mm ² 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. " block size 40cmx40cmx20cm.	each	13915.000	380.001	Three Hundred and Eighty point Zero Zero One	5287713.915	Fifty-Two Lakh Eighty-Seven Thousand Seven Hundred and Thirteen point Nine One Five
26(b)	40-140	40-140-	"Manufacturing and supplying C.C. blocks in leanest mix. 1:3:6, with each cement, sand (FM>=1.5) and Stone Chips (40mm down graded), to attain a minimum 28 days cylinder strength of 9.0 N/mm ² including grading, washing stone chips, mixing, laying in forms, consolidation, curing	each	57014.000	285.001	Two Hundred and Eighty-	16249047.014	One Crore Sixty-Two Lakh Forty-Nine Thousand

	140	50	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. " block size 30cmx30cmx30cm.				Five point Zero Zero One		Thousand AND Forty-Seven point Zero One Four
27	40-900	40-900	Earth work in cutting and filling of eroded bank of river, channel etc. to design slope, including levelling, dressing and compacting the earth in 150mm layers and preparation of the base for bank protection work as per direction of Engineer in charge.	cum	14731.200	135.001	One Hundred and Thirty-Five point Zero One	1988726.731	Nineteen Lakh Eighty-Eight Thousand Seven Hundred and Twenty-Six point Seven Three One
28	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. FM 1.5 to 2.0	cum	434.460	1100.001	One Thousand One Hundred point Zero One	477906.434	Four Lakh Seventy-Seven Thousand Nine Hundred and Six point Four Three Four
			"Supplying and placing non-woven needle punched type geotextile fabric (100% Polypropylene Fabric, unit weight : 855 kg/m3 to 946 Kg/m3) as filter materials of elongation at maximum force machine direction (MD) >=60% and <=100%, elongation at maximum force (CMD)>=40% and <=100%, horizontal and vertical permeability (under 2 kn/m2 pressure)						

29	40-600	40-600-20	<p>=>2 x 10E?3m/sec. for effective erosion protection in hydraulic structures/river training works including local handling, placing in position, providing machine seamed joints (with 100% polypropylene or nylon thread) or 35cm lap in dry condition or minimum 100cm lap under water including protecting the geotextile material from UV ray and from any other damages including supply of all materials, labours, equipment etc. complete as per direction of Engineer in charge. (Geotextile delivered at site should be certified by ISO and clearly labeled with brand name and grade printed at regular intervals across the body of the fabric) "</p> <p>Mass =>300gm/m2, thickness (under 2 kpa pressure) =>2.00mm, EoS<=0.11mm, strip tensile strength =>15kn/m, grab strength =>850N, CBR puncture resistance =>2200N.</p>	sqm	2074.680	195.001	One Hundred and Ninety-Five point Zero One	404564.675	Four Lakh Four Thousand Five Hundred and Sixty-Four point Six Seven Five
30(a)	40-610	40-610-20	<p>Supply 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.</p>	cum	295.950	3286.681	Three Thousand Two Hundred and Eighty-Six point Six Eight One	972693.242	Nine Lakh Seventy-Two Thousand Six Hundred and Ninety-Three point Two Four Two

			Well graded between 40mm to 20mm size.						
30(b)	40- 610	40- 610- 30	Supply 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. Well graded between 20mm to 5mm size.(Combination of sub- item 10 & 30 or 20 & 30 shall be used)	cum	295.950	3750.211	Three Thousand Seven Hundred and Fifty point Two One One	1109874.945	Eleven Lakh Nine Thousand Eight Hundred and Seventy- Four point Nine Four Five
							Grand Total:	81357459.239	Eight Crore Thirteen Lakh Fifty- Seven Thousand Four Hundred and Fifty- Nine point Two Three Nine

This BoQ-3 is Electronically Signed by Mr. Nazrul on behalf of SA-BTC JV