

Individual Report

Tender/Proposal Detail			
Tender/Proposal ID :	132568	Invitation Reference No. :	T-1/10570, Date-29-10-17
Closing Date and Time :	30-Nov-2017 18:18	Opening Date and Time :	30-Nov-2017 18:18
Procuring Entity :	Netrokona O&M Division BWDB/Netr/HFMLIP/PW-01 Re-sectioning of full embankment of Dampara Water Management project in between km 0.00 to km 41.771=35.520km, Singer Beel full embankment scheme from km 0.911 to km 11.60=10.69km (Total=46.21km) in C/W Haor Flood Management and Livelihood Improvement Project (BWDB Part) under Netrakona O&M Division during the year 2017-18 & 2018-19. Special instruction: 1. Tenderers should visit the working site before submission of tender. 2. RDPP is in approval process, Notification of Award (NOA) will be issued after approval of RDPP. 3. No claim what so ever will be entertained if NOA is not issued. 4. The work of the packages may be totally dropped, decreased or increase as per field condition/design/budget allocation for which no claim shall be entertained. 5. 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 the official estimated cost will be rejected. 6. In case of credit line certificate, it should be in letter commencement for Bank's under taking Line of credit Form PW3-7) that attached in section-8 No. Alternation is allowed, in falling, tender may not be accepted. In case of Bank statement, the amount, of minimum balance shall remain constant of Tk. 330.00 lac 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.		
Brief :			

Package No	Package Description
BWDB/Netr/HFMLIP/PW-01	Re-sectioning of full embankment of Dampara Water Management project in between km 0.00 to km 41.77135.828km Singer Beel full embankment scheme in between km 0.911 to km 11.6010.69km Total 46.21km in C/W Haor Flood Management and Livelihood Improvement Project BWDB Part under Netrakona O&M Division during the year 2017-18 & 2018-19.

SA-BTC JV (JVCA)	
Bill of Quantities (Package no.-BWDB/Netr/HFMLIP/PW-01)	
Abstract cost of estimate for Re-sectioning of full embankment of Dampara Water Management project in between km 0.00 to km 41.771=35.520km, Singer Beel full embankment scheme from km 0.911 to km 11.60=10.69km (Total=46.21km) in C/W Haor Flood Management and Livelihood Improvement Project (BWDB Part) under Netrakona O&M Division during the year 2017-18 & 2018-19.	

Bill of Quantities									
Item no.	Group	Item Code (if any)	Description of Item	Measurement Unit	Quantity	Unit Price In figures (BDT)	Unit Price In Words (BDT)	Total Price In Figures (BDT)	Total Price In Words (BDT)
			Preparation of mobilization of the site for construction of submersible embankment or						

1	Analysis rate	Analysis rate	other structural components in c/w` Haor Flood Management and Livelihood Improvement Project (BWDB part) as per Technical Specifications, including land lease, rental charges, obtaining permissions for work, developing work area, preparation of platform for temporary semi pucca site office (40sqm), CI sheet labor sheds (200sqm), CI sheet stores (200 sqm), supply of wooden & cane seated furniture etc. as per specified and as per Contractor's method Statement and as per direction of Engineer in Charge.	LS	1.000	966083.799	Nine Lakh Sixty-Six Thousand AND Eighty-Three point Seven Nine Nine	966083.799	Nine Lakh Sixty-Six Thousand AND Eighty-Three point Seven Nine Nine
2	16-100	16-100	Erection of bamboo profile with full bamboo posts and pegs not less than 60 mm in diameter and choir strings etc. complete as direction of Engineer in charge.	each	932.000	290.191	Two Hundred and Ninety point One Nine One	270458.012	Two Lakh Seventy Thousand Four Hundred and Fifty-Eight point Zero One Two
			Earth work by Mechanical Excavator (Long Boom) in constructing/re-sectioning of embankment/ canal bank/road etc.compacted to 85%/90% maximum dry desityat optimum moisture content, with referance to laboratory density test AAHSTO modified hammer with 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 profiles						Three

3	16-650	16-650-10	in layers not exceeding 230mm in thickness, clod breaking upto a maximum size of 100mm, benching the side slopes, removing roots and stumpos of trees of girthup to 200mm from the ground, stripping/ploughing the base of embankment and borrow pit area, dug bailing, rough dressing including 150mm cambering at the center of the crest etc, complete, including maintenance of the same for 6 months after completion , (compaction will be done by the contractor with approved equipment, all ancillary charges for compaction and testing) as per direction of Engineer in charge. Embankment by Mech. Equipment ; height 0 to 4 m 85% compaction.	cum	301777.060	126.194	One Hundred and Twenty-Six point One Nine Four	38082454.310	Three Crore Eighty Lakh Eighty-Two Thousand Four Hundred and Fifty-Four point Three One
		16-110	Earth work by carried earth (by truck/boat or any other means) supplied at contractor's own cost (including royalty) in constructing/ resectioning of the embankment/ canal bank/ road etc. compacted to 85%/90% maximum dry density at optimum moisture content with reference to laboratory density test AASHTO modified hammer, with clayey soil (minimum 30% clay, 0-40% silt and 0-30% sand) beyond initial lead of 300m including throwing the spoils to profiles in layer not exceeding 230mm in thickness with				Three Hundred and Forty		Five Crore Twenty-One Lakh Ninety-Seven Thousand

4	16-410	10-4 10-10	clod breaking to maximum size of 100mm, benching the side slopes, removing roots and stumps of trees of girth upto 200mm, stripping/ ploughing the base of embankment and borrow pit area, dug bailing, clearing jungles, bail out of water, rough dressing including 150mm cambering at the centre of crest with all leads and lifts complete (compaction will be done by the contractor with pproved equipment including all ancillary charges for compaction and testing) as per direction of Engineer in charge. 300m to 1.00 km.(85% compaction)	cum	150888.530	345.934	Forty-Five point Nine Three Four	52197472.737	Thousand Four Hundred and Seventy-Two point Seven Three Seven
5	16-120	16-120-10	Earth work by manual labour in constructing/ resectioning of embankment/ canal bank/ road etc. compacted to 85%/90% maximum dry density at optimum moisture content, with reference to laboratory density test AAHSTO modified hammer, with clayey soil(minm 30% clay, 0-40% silt, 0-30% sand) within the initial lead of 30m and all lifts including throwing the spoils to profiles in layers not exceeding 230mm in thickness with clod breaking to a maximum size of 100mm, benching the side slopes, removing roots and stumps of trees of girth upto 200mm from the ground, stripping/ ploughing the base of embankment and borrow pit area,	cum	150888.530	182.747	One Hundred and Eighty-Two point Seven Four Seven	27574426.192	Two Crore Seventy-Five Lakh Seventy-Four Thousand Four Hundred and Twenty-Six point One Nine Two

			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 for compaction and testing) as per direction of Engineer in charge. 0 m to 3 m height with 85% compaction						
6	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. (a) Extra lead 2 nos	cum	75444.270	29.111	Twenty-Nine point One One One	2196258.144	Twenty-One Lakh Ninety-Six Thousand Two Hundred and Fifty-Eight point One Four Four
6	16-190	16-190	(b) Extra lead 3 nos	cum	75444.270	43.666	Forty-Three point Six Six Six	3294349.494	Thirty-Two Lakh Ninety-Four Thousand Three Hundred and Forty-Nine point Four Nine Four
7	16-300	16-300	Royalty of specified earth taken from private land (with prior permission of the Executive Engineer on production of royalty deeds with the land owner) from the area to be selected by the contractor with mutual agreement. (80% of total Earth)	cum	482843.290	14.256	Fourteen point Two Five Six	6883413.942	Sixty-Eight Lakh Eighty-Three Thousand Four Hundred and Thirteen point Nine Four Two
			Fine dressing and close turfing of the slopes and the crest of						

8	48-100	48-100	embankment with 75mm thick, good quality durba or charkanta sods of size 200mm x 200mm, 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.	cum	683908.000	26.144	Twenty-Six point One Four Four	17880090.752	One Crore Seventy-Eight Lakh Eighty Thousand AND Ninety point Seven Five Two
9	04-120	04-120	Construction of 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	49.000	1202.566	One Thousand Two Hundred and Two point Five Six Six	58925.734	Fifty-Eight Thousand Nine Hundred and Twenty-Five point Seven Three Four
10	Analysis rate	Analysis rate	Biological protection of bare earth surface by Dholkalmi with minimum 50cm long sapling, planting @ not more than 30 cm apart including supplying, sizing, taping and nursing etc. complete as per direction of the Engineer in charge.	m	92420.000	4.466	Four point Four Six Six	412747.720	Four Lakh Twelve Thousand Seven Hundred and Forty-Seven point Seven Two
11	Analysis rate	Analysis rate	Provide and maintain 1 (one) no. Engine boat with boatmen having sun and rainproof cover to facilitate supervision by the Engineer/Engineer's Representative during whole construction period of the work as per Technical	Day	300.000	2495.362	Two Thousand Four Hundred and Ninety-Five point Three Six	748608.600	Seven Lakh Forty-Eight Thousand Six Hundred and Eight

			Specification, Contractor's Method Statement and as per direction of Engineer in Charge.				Two		point Six
12	Analysis rate	Analysis rate	Providing and maintaining adequate portable water supply by installing 4 nos. of tube well and sanitation facilities by installing 6 nos. of sanitary latrines for usage of labours, Officials and others for prevailing the hygienic and healthy environment at all over the working site as per direction of the engineer in charge.	Sum	1.000	111037.801	One Lakh Eleven Thousand AND Thirty-Seven point Eight Zero One	111037.801	One Lakh Eleven Thousand AND Thirty-Seven point Eight Zero One
13	Analysis rate	Analysis rate	Mobilize, strengthen required land based consatruction equipment such as excavator, dump truck, chain dozer, vibro-compactor and plants such as gemetor for site electrification, digital camera for taking photographs and digital vedio camera for recording/Taking Photograph as sequences of works etc. for keeping records of the works by providing following information including transfer to site, complete for the purposes stated in the technical specification and Contractor's Method Statement and as per direction of Engineer in Charge.	sum	1.000	91934.523	Ninety-One Thousand Nine Hundred and Thirty-Four point Five Two Three	91934.523	Ninety-One Thousand Nine Hundred and Thirty-Four point Five Two Three
14	Analysis rate	Analysis rate	Operate, maintain of plant and equipment such as generator for site electrification for the purpose stated in the technical specification and Contractor's Method Statement and as per direction	sum	1.000	110799.011	One Lakh Ten Thousand Seven Hundred and Ninety-Nine point Zero One	110799.011	One Lakh Ten Thousand Seven Hundred and Ninety-Nine point Zero One

			of Engineer in Charge.				One		One
15	Analysis rate	Analysis rate	Demobilization and clean-up of the site upon completion of the works, as per Technical Specification, Contractor's Method Statement and as per direction of Engineer in Charge.	LS	1.000	112231.756	One Lakh Twelve Thousand Two Hundred and Thirty-One point Seven Five Six	112231.756	One Lakh Twelve Thousand Two Hundred and Thirty-One point Seven Five Six
16	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	249750.001	Two Lakh Forty-Nine Thousand Seven Hundred and Fifty point Zero One	249750.001	Two Lakh Forty-Nine Thousand Seven Hundred and Fifty point Zero One
							Grand Total:	151241042.528	Fifteen Crore Twelve Lakh Forty-One Thousand AND Forty-Two point Five Two Eight

(Package no.-BWDB/Netr/HFMLIP/PW-01)

This Bill of Quantities (Package no.-BWDB/Netr/HFMLIP/PW-01) is Electronically Signed by Mr. Nazrul on behalf of SA-BTC JV

WESTERN ENGINEERING (PVT.) LTD. - M/S. BHAWAL CONSTRUCTION.- M.M. BUILDERS & ENGINEERS LTD. - Joint Venture (JVCA)

Bill of Quantities (Package no.-BWDB/Netr/HFMLIP/PW-01)

Abstract cost of estimate for Re-sectioning of full embankment of Dampara Water Management project in between km 0.00 to km 41.771=35.520km, Singer Beel full embankment scheme from km 0.911 to km 11.60=10.69km (Total=46.21km) in C/W Haor Flood Management and Livelihood Improvement Project (BWDB Part) under Netrakona O&M Division during the year 2017-18 & 2018-19.

Bill of Quantities

Item no.	Group	Item Code (if any)	Description of Item	Measurement Unit	Quantity	Unit Price In figures (BDT)	Unit Price In Words (BDT)	Total Price In Figures (BDT)	Total Price In Words (BDT)
			Preparation of						

1	Analysis rate	Analysis rate	<p>mobilization of the site for construction of submersible embankment or other structural components in c/w`Haor Flood Management and Livelihood Improvement Project (BWDB part) as per Technical Specifications, including land lease, rental charges, obtaining permissions for work, developing work area, preparation of platform for temporary semi pucca site office (40sqm), CI sheet labor sheds (200sqm), CI sheet stores (200 sqm), supply of wooden & cane seated furniture etc. as per specified and as per Contractor's method Statement and as per direction of Engineer in Charge.</p>	LS	1.000	300000.001	Three Lakh point Zero Zero One	300000.001	Three Lakh point Zero Zero One
2	16-100	16-100	<p>Erection of bamboo profile with full bamboo posts and pegs not less than 60 mm in diameter and choir strings etc. complete as direction of Engineer in charge.</p>	each	932.000	290.481	Two Hundred and Ninety point Four Eight One	270728.292	Two Lakh Seventy Thousand Seven Hundred and Twenty-Eight point Two Nine Two
			<p>Earth work by Mechanical Excavator (Long Boom) in constructing/re-sectioning of embankment/ canal bank/road etc.compacted to 85%/90% maximum dry desityat optimum moisture content, with referance to laboratory density test AAHSTO modified hammer with clayey soil (minimum 30% clay, 0-40% silt and 0-30% sand) within the initial lead of</p>						

3	16-650	16-650-10	<p>30m and all lifts including throwing the spoils to profiles in layers not exceeding 230mm in thickness, clod breaking upto a maximum size of 100mm, benching the side slopes, removing roots and stumpos of trees of girthup to 200mm from the ground, stripping/ploughing the base of embankment and borrow pit area, dug bailing, rough dressing including 150mm cambering at the center of the crest etc, complete, including maintenance of the same for 6 months after completion , (compaction will be done by the contractor with approved equipment, all ancillary charges for compaction and testing) as per direction of Engineer in charge. Embankment by Mech. Equipment ; height 0 to 4 m 85% compaction.</p>	cum	301777.060	126.001	One Hundred and Twenty-Six point Zero One	38024211.337	Three Crore Eighty Lakh Twenty-Four Thousand Two Hundred and Eleven point Three Seven
			<p>Earth work by carried earth (by truck/boat or any other means) supplied at contractor's own cost (including royalty) in constructing/ resectioning of the embankment/ canal bank/ road etc. compacted to 85%/90% maximum dry density at optimum moisture content with reference to laboratory density test AASHTO modified hammer, with clayey soil (minimum 30% clay, 0-40% silt and 0-30% sand) beyond initial lead of 300m including throwing the spoils to profiles</p>						Four Crore Eighty

4	16-410	16-410-10	in layer not exceeding 230mm in thickness with clod breaking to maximum size of 100mm, benching the side slopes, removing roots and stumps of trees of girth upto 200mm, stripping/ ploughing the base of embankment and borrow pit area, dug bailing, clearing jungles, bail out of water, rough dressing including 150mm cambering at the centre of crest with all leads and lifts complete (compaction will be done by the contractor with pproved equipment including all ancillary charges for compaction and testing) as per direction of Engineer in charge. 300m to 1.00 km.(85% compaction)	cum	150888.530	320.001	Three Hundred and Twenty point Zero Zero One	48284480.489	Eighty-Two Lakh Eighty-Four Thousand Four Hundred and Eighty point Four Eight Nine
5	16-120	16-120-10	Earth work by manual labour in constructing/ resectioning of embankment/ canal bank/ road etc. compacted to 85%/90% maximum dry density at optimum moisture content, with reference to laboratory density test AAHSTO modified hammer, with clayey soil(minm 30% clay, 0-40% silt, 0-30% sand) within the initial lead of 30m and all lifts including throwing the spoils to profiles in layers not exceeding 230mm in thickness with clod breaking to a maximum size of 100mm, benching the side slopes, removing roots and stumps of trees of girth upto 200mm from the ground, stripping/	cum	150888.530	155.001	One Hundred and Fifty-Five point Zero Zero One	23387873.039	Two Crore Thirty-Three Lakh Eighty-Seven Thousand Eight Hundred and Seventy-

			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 for compaction and testing) as per direction of Engineer in charge. 0 m to 3 m height with 85% compaction						Three point Zero Three Nine
6	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. (a) Extra lead 2 nos	cum	75444.270	22.001	Twenty-Two point Zero Zero One	1659849.384	Sixteen Lakh Fifty-Nine Thousand Eight Hundred and Forty-Nine point Three Eight Four
6	16-190	16-190	(b) Extra lead 3 nos	cum	75444.270	40.001	Forty point Zero Zero One	3017846.244	Thirty Lakh Seventeen Thousand Eight Hundred and Forty-Six point Two Four Four
7	16-300	16-300	Royalty of specified earth taken from private land (with prior permission of the Executive Engineer on production of royalty deeds with the land owner) from the area to be selected by the contractor with mutual agreement. (80% of total Earth)	cum	482843.290	12.001	Twelve point Zero Zero One	5794602.323	Fifty-Seven Lakh Ninety-Four Thousand Six Hundred and Two point Three Two Three
			Fine dressing and close turfing of the slopes and the crest of embankment with 75mm thick, good quality durba or charkanta sods of						One Crore Thirty-Six Lakh

8	48-100	48-100	size 200mm x 200mm, 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.	cum	683908.000	20.001	Twenty point Zero Zero One	13678843.908	Seventy-Eight Thousand Eight Hundred and Forty-Three point Nine Zero Eight
9	04-120	04-120	Construction of 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	49.000	1000.001	One Thousand point Zero Zero One	49000.049	Forty-Nine Thousand point Zero Four Nine
10	Analysis rate	Analysis rate	Biological protection of bare earth surface by Dhokalmi with minimum 50cm long sapling, planting @ not more than 30 cm apart including supplying, sizing, taping and nursing etc. complete as per direction of the Engineer in charge.	m	92420.000	4.001	Four point Zero Zero One	369772.420	Three Lakh Sixty-Nine Thousand Seven Hundred and Seventy-Two point Four Two
11	Analysis rate	Analysis rate	Provide and maintain 1 (one) no. Engine boat with boatmen having sun and rainproof cover to facilitate supervision by the Engineer/Engineer's Representative during whole construction period of the work as per Technical Specification, Contractor's Method Statement and as per direction	Day	300.000	2000.001	Two Thousand point Zero Zero One	600000.300	Six Lakh point Three

			of Engineer in Charge.						
12	Analysis rate	Analysis rate	Providing and maintaining adequate portable water supply by installing 4 nos. of tube well and sanitation facilities by installing 6 nos. of sanitary latrines for usage of labours, Officials and others for prevailing the hygienic and healthy environment at all over the working site as per direction of the engineer in charge.	Sum	1.000	415615.844	Four Lakh Fifteen Thousand Six Hundred and Fifteen point Eight Four Four	415615.844	Four Lakh Fifteen Thousand Six Hundred and Fifteen point Eight Four Four
13	Analysis rate	Analysis rate	Mobilize, strengthen required land based consatruction equipment such as excavator, dump truck, chain dozer, vibro-compacto and plants such as gemetor for site electrification, digital camera for taking photographs and digital vedio camera for recording/Taking Photograph as sequences of works etc. for keeping records of the works by providing following information including transfer to site, complete for the purposes stated in the technical specification and Contractor's Method Statement and as per direction of Engineer in Charge.	sum	1.000	70000.001	Seventy Thousand point Zero Zero One	70000.001	Seventy Thousand point Zero Zero One
14	Analysis rate	Analysis rate	Operate, maintain of plant and equipment such as generator for site electrification for the purpose stated in the technical specification and Contractor's Method Statement and as per direction of Engineer in Charge.	sum	1.000	100000.001	One Lakh point Zero Zero One	100000.001	One Lakh point Zero Zero One
			Demobilization and clean-up of the site						

15	Analysis rate	Analysis rate	upon completion of the works, as per Technical Specification, Contractor's Method Statement and as per direction of Engineer in Charge.	LS	1.000	80000.001	Eighty Thousand point Zero Zero One	80000.001	Eighty Thousand point Zero Zero One
16	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	150000.001	One Lakh Fifty Thousand point Zero Zero One	150000.001	One Lakh Fifty Thousand point Zero Zero One
							Grand Total:	136252823.634	Thirteen Crore Sixty-Two Lakh Fifty-Two Thousand Eight Hundred and Twenty-Three point Six Three Four

(Package no.-BWDB/Netr/HFMLIP/PW-01)

This Bill of Quantities (Package no.-BWDB/Netr/HFMLIP/PW-01) is Electronically Signed by Mr. FAKHAR UDDIN on behalf of WESTERN ENGINEERING (PVT.) LTD. - M/S. BHAWAL CONSTRUCTION.- M.M. BUILDERS & ENGINEERS LTD. - Joint Venture