

Individual Report

Tender/Proposal Detail			
Tender/Proposal ID :	233210	Invitation Reference No. :	T-3/184, Dated: 08/10/2018.
Closing Date and Time :	12-Nov-2018 12:00	Opening Date and Time :	12-Nov-2018 12:00
Procuring Entity :	Sunamganj O&M Division-2		
Brief :	Construction of (A) Submersible embankment in between Km. 10.600 to 49.426 total 33.849 Km. (B) 7 Nos. Box Drainage Outlet (C) 9 Nos. Irrigation pipe Inlet (D) Re-excavation of 4 Nos. Khal total 7.678 km. at Different Location (E) General item of Works under Dhakua Haor Project in upazilla Sunamganj Sadar and Jamalganj, dist. Sunamganj in c/w "Haor Flood Management and Livelihood Improvement Project (BWDB Part)" under Sunamganj O& M Division-2, BWDB, Sunamganj during the FY 2018-19 & 2019-20. Package No. (BWDB/SUNAM/HFMLIP/PW-01)		

Package No	Package Description
BWDB/SUNAM/HFMLIP/PW-01	Construction of A Submersible embankment in between Km. 10.600 to 49.426 total 33.849 Km. B 7 Nos. Box Drainage Outlet C 9 Nos. Irrigation pipe Inlet D Re-excavation of 4 Nos. Khal total 7.678 km at Different Location E General Work under Dhakua Haor Project in upazilla Sunamganj Sadar and Jamalganj dist. Sunamganj in c/w Haor Flood Management and Livelihood Improvement Project BWDB Part under Sunamganj O& M Division-2 BWDB Sunamganj during the FY 2018-19 & 2019-20.

Ataur Rahman Khan Ltd.- Ashim Singh JV (JVCA)									
Bill of Quantities (Submersible Embankment)									
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)
1	04-150	04-150	Manufacturing and supplying R.C.C. (1:2:4) BM Pillars of size 15cmx 15cmx75cm, with 40cmx40cmx10cm base having 3 nos.10mm dia MS.bar each way at base,4nos.10mm dia vertical bar and 8nos 6mm dia ring,excluding cost of M.S.works for reinforcement but including cost of form works, concreting, plastering at top, finishing surface, curing etc. complete, with inscription of "BWDB", on exposed surface etc. complete as per direction of Engineer in charge.	nos	35.000	782.001	Seven Hundred and Eighty-Two point Zero One	27370.035	Twenty-Seven Thousand Three Hundred and Seventy point Zero Three Five

2	04-160	04-160	Fixing in position B.M. pillars and kilometer posts of size 15cmx15cmx75cm with 40cmx40cmx10cm base, embedding 45cm below G.L. including carriage, earth cutting, back filling, ramming, etc. complete as per direction of Engineer in charge.	nos	69.000	60.001	Sixty point Zero Zero One	4140.069	Four Thousand One Hundred and Forty point Zero Six Nine
3	48-130	48-130	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	203094.000	5.001	Five point Zero Zero One	1015673.094	Ten Lakh Fifteen Thousand Six Hundred and Seventy-Three point Zero Nine Four
4	16-100	16-100	Erection of bamboo profile with full bamboo posts and pegs not less than 60mm in diameter and coir strings etc. complete as per direction of Engineer in charge.	nos	678.000	327.001	Three Hundred and Twenty-Seven point Zero One	221706.678	Two Lakh Twenty-One Thousand Seven Hundred and Six point Six Seven Eight
5	16-120	16-120-10	Earth work by manual labour in constructing/ resectioning of embankment/ canalbank/road etc compacted to 85%/90% maximum dry density at optimum moisture content, with reference to laboratory density test AAHSTO modified hammer, with clayey soil (min 30% clay, 0-40% silt, 0-30% sand) within the initial lead of 30m & all lifts including throwing the spoils to profiles in layers not exceeding 230mm in thickness with clod breaking to a maximum size of 100mm, benching the side slopes, removing roots & stumps of trees of girth upto 200mm from the ground, stripping/ ploughing the base of embankment and borrow pit area, dug bailing, bail out of water, rough dressing including 150mm	Cum	39917.150	220.001	Two Hundred and Twenty point Zero One	8781812.917	Eighty-Seven Lakh Eighty-One Thousand Eight Hundred and Twelve point Nine One Seven

			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 15 m or part thereof beyond the initial lead of 30m up to a maximum of 19 leads (3m neglected) for all kinds of earth work. 1 no Lead (Quoted rate will be applicable for 1 no lead)	pldcum	39917.150	26.001	Twenty-Six point Zero Zero One	1037885.817	Ten Lakh Thirty-Seven Thousand Eight Hundred and Eighty-Five point Eight One Seven
7	16-650	16-650-10	Earth work by Mechanical Excavator (Long Boon) 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, dug bailing, rough dressing including 150mm cambering at the centre of crest etc. complete, including maintenance of the	cum	319337.180	153.001	One Hundred and Fifty-Three point Zero Zero One	48858907.877	Four Crore Eighty-Eight Lakh Fifty-Eight Thousand Nine Hundred and Seven point Eight Seven Seven

			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 to 4 m height with 85% compaction.						
8	16-410	16-410-10	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 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 approved equipment including all ancillary charges for compaction and testing) as per direction of Engineer in charge. 300m to 1.00 km.(85% compaction)	cum	39917.150	398.001	Three Hundred and Ninety-Eight point Zero One	15887065.617	One Crore Fifty-Eight Lakh Eighty-Seven Thousand AND Sixty-Five point Six One Seven
			Royalty of specified earth taken from private land (with prior permission of the						Six Lakh Thirty-Eight Thousand

9	16-300	16-300	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.	cum	39917.150	16.001	Sixteen point Zero Zero One	638714.317	Seven Hundred and Fourteen point Three One Seven
10	48-100	48-100	Fine dressing and close turfing of the slopes and the crest of embankment with 75 mm thick good quality durba or charkanta sods of size 200 mm x 200 mm with all leads and lifts including ramming watering until the turf grows properly, maintaining etc. complete (measurement will be given on well grown grass only) as per direction of Engineer in charge.	Sqm	338490.000	30.001	Thirty point Zero Zero One	10155038.490	One Crore One Lakh Fifty-Five Thousand AND Thirty-Eight point Four Nine
11	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. : Vertical and inclined walls, columns, piers with 60-80mm dia barrack bamboo pins.	Sqm	42.625	1078.001	One Thousand AND Seventy-Eight point Zero One	45949.793	Forty-Five Thousand Nine Hundred and Forty-Nine point Seven Nine Three
12	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	kg	244.140	94.001	Ninety-Four point Zero Zero One	22949.404	Twenty-Two Thousand Nine Hundred and Forty-Nine

			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. 8mm dia to 30mm dia				Zero One		point Four Zero Four
13	76-115	76-115-10	M.S Work for reinforcement with Standard deformed bar $f_y=276 \text{ N/mm}^2$ 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. 6mm dia	kg	26.640	83.001	Eighty-Three point Zero Zero One	2211.147	Two Thousand Two Hundred and Eleven point One Four Seven
14	28-200	28-200-10	Reinforced cement concrete work in leanest mix. 1:1.5:3, with 20mm down graded coarse aggregates and sand of $FM>2.0$ to $FM\leq 2.5$, to attain a minimum 28 day cylinder strength of 22.0 N/mm^2 , 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. with stone chips .	cum	2.663	12708.001	Twelve Thousand Seven Hundred and Eight point Zero Zero One	33841.407	Thirty-Three Thousand Eight Hundred and Forty-One point Four Zero Seven
							Grand Total:	86733266.662	Eight Crore Sixty-Seven Lakh Thirty-Three Thousand Two Hundred and Sixty-Six point Six Six Two

This Bill of Quantities (Submersible Embankment) is Electronically Signed by Mr. Md. Aatur on behalf of Aatur Rahman Khan Ltd.- Ashim Singh JV