

Individual Report

Tender/Proposal Detail			
Tender/Proposal ID :	235750	Invitation Reference No. :	T-3/217, dt.-14/10/2018
Closing Date and Time :	14-Nov-2018 13:00	Opening Date and Time :	14-Nov-2018 13:00
Procuring Entity :	Sunamganj O&M Division		
Brief :	Construction of Submersible Embankment in between km 0.000 to km 37.347, total 34.938 km of Dharmapasha Rui Beel haor sub-project in c/w " Haor Flood Management and Livelihood Improvement Project (BWDB Part)" under Sunamganj O&M Division-1, BWDB, Sunamganj during the FY: 2018-19 & 2019-20.		

Package No	Package Description
BWDB/Sunam/HFMLIP/PW-04	Construction of Submersible Embankment in between km 0.000 to km 37.347 total 34.938 km of Dharmapasha Rui Beel haor sub-project in c/w Haor Flood Management and Livelihood Improvement Project BWDB Part under Sunamganj O&M Division-1 BWDB Sunamganj during the FY 2018-19 & 2019-20.

Ataur Rahman Khan Ltd.- Ashim Singh JV (JVCA)

Bill of Quantities

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	1	1	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.	each	107.000	782.001	Seven Hundred and Eighty-Two point Zero One	83674.107	Eighty-Three Thousand Six Hundred and Seventy-Four point One Zero Seven
			Fixing in position						

2	2	2	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.	each	107.000	60.001	Sixty point Zero Zero One	6420.107	Six Thousand Four Hundred and Twenty point One Zero Seven
3	3	3	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	139752.000	5.001	Five point Zero Zero One	698899.752	Six Lakh Ninety-Eight Thousand Eight Hundred and Ninety-Nine point Seven Five Two
4	4	4	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.	each	700.000	327.001	Three Hundred and Twenty-Seven point Zero Zero One	228900.700	Two Lakh Twenty-Eight Thousand Nine Hundred point Seven
			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				Two Hundred and		One Crore Forty-Five Lakh Forty-One

5	5	5	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 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.	cum	66095.800	220.001	and Twenty point Zero Zero One	14541142.096	Thousand One Hundred and Forty- Two point Zero Nine Six
6	6	6	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. 2 nos Lead.	pldcum	33047.900	52.001	Fifty-Two point Zero Zero One	1718523.848	Seventeen Lakh Eighteen Thousand Five Hundred and Twenty- Three point Eight Four Eight
			Earth work by Mechanical Excavator (Long Boon) in constructing/ re-sectioning 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						

7	7	7	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 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.	cum	528766.400	153.001	One Hundred and Fifty-Three point Zero One	80901787.966	Eight Crore Nine Lakh One Thousand Seven Hundred and Eighty-Seven point Nine Six Six
8	8	8	Extra Rate for every additional shift of Dredged/Excavated earth or shifting of earth by Mechanical Excavator (Long Boom) of 30m or part thereof beyond the initial shift of 30m upto a maximum of 9 shifts for all kind of earthwork shift. (Unit: per shift per cum)	cum	264383.200	39.001	Thirty-Nine point Zero One	10311209.183	One Crore Three Lakh Eleven Thousand Two Hundred and Nine point One Eight Three
			Earth work by carried earth (by truck/boat or any other means) supplied at contractor's own cost (including royalty) in constructing/ re-sectioning of the embankment/ canal bank/ road etc.						

9	9	9	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. 300 m to 1.00 km.	cum	66095.800	401.001	Four Hundred and One point Zero Zero One	26504481.896	Two Crore Sixty-Five Lakh Four Thousand Four Hundred and Eighty-One point Eight Nine Six
10	10	10	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.	cum	594862.200	16.001	Sixteen point Zero Zero One	9518390.062	Ninety-Five Lakh Eighteen Thousand Three Hundred and Ninety point Zero Six Two
			Fine dressing and close turfing of the slopes and the crest of embankment with						

11	11	11	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	349380.000	30.001	Thirty point Zero Zero One	10481749.380	One Crore Four Lakh Eighty-One Thousand Seven Hundred and Forty-Nine point Three Eight
12	12	12	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 dia to 30mm dia.	kg	369.150	94.001	Ninety-Four point Zero Zero One	34700.469	Thirty-Four Thousand Seven Hundred point Four Six Nine
13	13	13	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	105.460	83.001	Eighty-Three point Zero Zero One	8753.285	Eight Thousand Seven Hundred and Fifty-Three point Two Eight Five
			Preparation and mobilization of the Site for Construction of Submersible Embankment or						

14	14	14	<p>other Structural Components in c/w "Haor Flood Management and Livelihood Improved 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 labour sheds(200sqm), CI Sheet Stores(200sqm), supply of wooden & cane seated furniture etc. as specified and as per Contractor's Method Statement and as per direction of Engineer in charge.</p>	LS	1.000	967050.001	<p>Nine Lakh Sixty-Seven Thousand AND Fifty point Zero Zero One</p>	967050.001	<p>Nine Lakh Sixty-Seven Thousand AND Fifty point Zero Zero One</p>
15	15	15	<p>Demobilization and clean-up of the site upon completion of the works, as per Specifications and Contractor's Method Statement and as per direction of Engineer in Charge.</p>	LS	1.000	112344.001	<p>One Lakh Twelve Thousand Three Hundred and Forty-Four point Zero Zero One</p>	112344.001	<p>One Lakh Twelve Thousand Three Hundred and Forty-Four point Zero Zero One</p>
16	16	16	<p>Providing and maintaining adequate portable water supply by installing 6 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.</p>	LS	1.000	111148.001	<p>One Lakh Eleven Thousand One Hundred and Forty-Eight point Zero Zero One</p>	111148.001	<p>One Lakh Eleven Thousand One Hundred and Forty-Eight point Zero Zero One</p>

17	17	17	Mobilize, strengthen required land based construction equipment such as excavator, dump truck, chain dozer, vibro-compactor, and plants such as generator for site electrification, digital camera for taking photographs and digital video camera for recording/Taking photograph all 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.	LS	1.000	92026.001	Ninety-Two Thousand AND Twenty-Six point Zero Zero One	92026.001	Ninety-Two Thousand AND Twenty-Six point Zero Zero One
18	18	18	Operate, maintain of plant and equipment such as generator for site electrification, for the purpose stated in the Technical Specification and in the Contractor?s Method Statement and as per direction of Engineer in charge.	LS	1.000	110909.001	One Lakh Ten Thousand Nine Hundred and Nine point Zero Zero One	110909.001	One Lakh Ten Thousand Nine Hundred and Nine point Zero Zero One
							Grand Total:	156432109.856	Fifteen Crore Sixty-Four Lakh Thirty-Two Thousand One Hundred and Nine point Eight Five Six

This Bill of Quantities is Electronically Signed by Mr. Md. Ataur on behalf of Ataur Rahman Khan Ltd.- Ashim Singh JV