

Individual Report

Tender/Proposal Detail			
Tender/Proposal ID :	156933	Invitation Reference No. :	T-1/80/1 Date- 22-01-2018
Closing Date and Time :	26-Feb-2018 12:00	Opening Date and Time :	26-Feb-2018 12:00
Procuring Entity :	Netrokona O&M Division		
Brief :	Re-sectioning of full embankment of Kangshs River Scheem in between km 2.46 to km 28.4020.90km in upozilla Netrakona Sador and Purbadhola Re-sectioning of submergible embankment of Singer Beel sub-project scheme from km 11.60 to km 15.163.56km in upozilla Barhatta Total24.46km and Construction of 5 vent 1.80 m x1.50 m Kalihar Regulator of Dampara water Management Scheme at km 6.42 in C/W Haor Flood Management and Livelihood Improvement Project BWDB Part under Netrakona O&M Division during the year 2017-18 & 2018-19. Package No.- BWDB/Netr/HFMLIP/PW-03.		

Package No	Package Description
BWDB/Netr/HFMLIP/PW-03.	Re-sectioning of full embankment of Kangshs River Scheem in between km 2.46 to km 28.4020.90km in upozilla Netrakona Sador and Purbadhola Re-sectioning of submergible embankment of Singer Beel sub-project scheme from km 11.60 to km 15.163.56km in upozilla Barhatta Total24.46km and Construction of 5 vent 1.80 m x1.50 m Kalihar Regulator of Dampara water Management Scheme at km 6.42 in C/W Haor Flood Management and Livelihood Improvement Project BWDB Part under Netrakona O&M Division during the year 2017-18 & 2018-19. Package No.-BWDB/Netr/HFMLIP/PW-03.

ARC-LT (JV) (JVCA)

Bill of Quantities

Package No.-BWDB/Netr/HFMLIP/PW-03.

Re-sectioning of full embankment of Kangshs River Scheem in between km 2.46 to km 28.4020.90km in upozilla Netrakona Sador and Purbadhola Re-sectioning of submergible embankment of Singer Beel sub-project scheme from km 11.60 to km 15.163.56km in upozilla Barhatta Total24.46km and Construction of 5 vent 1.80 m x1.50 m Kalihar Regulator of Dampara water Management Scheme at km 6.42 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 other structural components in c/w`Haor Flood Management and Livelihood Improvement						

1	Analysis rate	Analysis rate	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	967050.901	Nine Lakh Sixty-Seven Thousand AND Fifty point Nine Zero One	967050.901	Nine Lakh Sixty-Seven Thousand AND Fifty point Nine Zero One
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	377.000	200.001	Two Hundred point Zero Zero One	75400.377	Seventy-Five Thousand Four Hundred point Three Seven Seven
3	16-650	16-650-	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 in layers not exceeding 230mm in thickness, clod breaking upto a maximum size of 100mm, benching the side slopes,	cu m	218502.050	134.285	One Hundred and Thirty-	20253754.201	Two Crore Ninety-Three Lakh Fifty-Three

3	10-030	10	<p>removing roots and stumps of trees of girth up 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.</p> <p>Embankment by Mech. Equipment ; height 0 to 4 m 85% compaction.</p>	cum	216592.950	134.285	Four point Two Eight Five	29333734.291	Thousand Seven Hundred and Fifty-Four point Two Nine One
4	16-410	16-410-10	<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 in layer not exceeding 230mm in thickness with clod breaking to maximum size of 100mm, benching the side slopes, removing roots and</p>	cum	62455.130	180.001	One Hundred and Eighty point Zero Zero One	11241985.855	One Crore Twelve Lakh Forty-One Thousand Nine Hundred and Eighty-

			<p>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.</p> <p>300m to 1.00 km.(85% compaction)</p>						Five point Eight Five Five
5	16-120	16-120-10	<p>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, dug bailing, bail out of water, rough dressing including</p>	cum	31227.560	150.001	One Hundred and Fifty point Zero Zero One	4684165.228	Forty-Six Lakh Eighty-Four Thousand One Hundred and Sixty-Five point Two Two Eight

			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	pldcum	15613.780	21.011	Twenty-One point Zero One One	328061.132	Three Lakh Twenty-Eight Thousand AND Sixty-One point One Three Two
6	16-190	16-190	(a) Extra lead 3 nos	pldcum	15613.780	31.515	Thirty-One point Five One Five	492068.277	Four Lakh Ninety-Two Thousand AND Sixty-Eight point Two Seven Seven
7	7	48-100	Fine dressing and close turving of the slopes and the crest of 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.	sqm	168036.000	10.001	Ten point Zero Zero One	1680528.036	Sixteen Lakh Eighty Thousand Five Hundred and Twenty-Eight point Zero Three Six
			Construction of B.M. Pillars at site with first class						

8	8	04-120	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	35.000	2500.001	Two Thousand Five Hundred point Zero Zero One	87500.035	Eighty-Seven Thousand Five Hundred point Zero Three Five
9	9	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	37200.000	2.001	Two point Zero Zero One	74437.200	Seventy-Four Thousand Four Hundred and Thirty-Seven point Two
10	10	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 of Engineer in Charge.	Day	60.000	2500.001	Two Thousand Five Hundred point Zero Zero One	150000.060	One Lakh Fifty Thousand point Zero Six
							Grand Total:	49134951.392	Four Crore Ninety-One Lakh Thirty-Four Thousand Nine Hundred and Fifty-One point Three

Package No.-BWDB/Netr/HFMLIP/PW-03.

This Bill of Quantities is Electronically Signed by Mr. F.M on behalf of ARC-LT (JV)

Mohammed Eunus & Brothers (Pvt.) Ltd.

Bill of Quantities

Package No.-BWDB/Netr/HFMLIP/PW-03.

Re-sectioning of full embankment of Kangshs River Scheem in between km 2.46 to km 28.4020.90km in upozilla Netrakona Sador and Purbadhola Re-sectioning of submergible embankment of Singer Beel sub-project scheme from km 11.60 to km 15.163.56km in upozilla Barhatta Total24.46km and Construction of 5 vent 1.80 m x1.50 m Kalihar Regulator of Dampara water Management Scheme at km 6.42 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)
1	Analysis rate	Analysis rate	Preparation of 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.	LS	1.000	967050.901	Nine Lakh Sixty-Seven Thousand AND Fifty point Nine Zero One	967050.901	Nine Lakh Sixty-Seven Thousand AND Fifty point Nine Zero One

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	377.000	290.481	Two Hundred and Ninety point Four Eight One	109511.337	One Lakh Nine Thousand Five Hundred and Eleven point Three Three Seven
3	16-650	16-650-10	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 in layers not exceeding 230mm in thickness, clod breaking upto a maximum size of 100mm, benching the side slopes, removing roots and stumos 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	cum	218592.950	123.321	One Hundred and Twenty-Three point Three Two One	26957101.187	Two Crore Sixty-Nine Lakh Fifty-Seven Thousand One Hundred and One point One Eight Seven

			testing) as per direction of Engineer in charge.						
			Embankment by Mech. Equipment ; height 0 to 4 m 85% compaction.						
4	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 pproved equipment including all ancillary charges for compaction and testing) as per direction of Engineer in charge.	cum	62455.130	340.281	Three Hundred and Forty point Two Eight One	21252294.092	Two Crore Twelve Lakh Fifty-Two Thousand Two Hundred and Ninety-Four point Zero Nine Two

			300m to 1.00 km.(85% compaction)						
5	16-120	16-120-10	<p>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, 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.</p> <p>0 m to 3 m height with 85% compaction</p>	cum	31227.560	182.931	One Hundred and Eighty-Two point Nine Three One	5712488.778	<p>Fifty-Seven Lakh Twelve Thousand Four Hundred and Eighty-Eight point Seven Seven Eight</p>
			Extra rate for every additional lead of 15m or part thereof						Four Lakh

6	16-190	16-190	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	pldcum	15613.780	29.141	Twenty-Nine point One Four One	455001.163	Fifty-Five Thousand AND One point One Six Three
6	16-190	16-190	(a) Extra lead 3 nos	pldcum	15613.780	43.711	Forty-Three point Seven One One	682493.938	Six Lakh Eighty-Two Thousand Four Hundred and Ninety-Three point Nine Three Eight
7	7	48-100	Fine dressing and close turfing of the slopes and the crest of 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.	sqm	168036.000	26.171	Twenty-Six point One Seven One	4397670.156	Forty-Three Lakh Ninety-Seven Thousand Six Hundred and Seventy point One Five Six
8	8	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	35.000	1203.771	One Thousand Two Hundred and Three point Seven Seven One	42131.985	Forty-Two Thousand One Hundred and Thirty-One point Nine Eight Five
			Biological						

9	9	48-130	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	37200.000	3.001	Three point Zero Zero One	111637.200	One Lakh Eleven Thousand Six Hundred and Thirty-Seven point Two
10	10	Analysis rate	Peovide 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 of Engineer in Charge.	Day	60.000	2497.861	Two Thousand Four Hundred and Ninety-Seven point Eight Six One	149871.660	One Lakh Forty-Nine Thousand Eight Hundred and Seventy-One point Six Six
							Grand Total:	60837252.397	Six Crore Eight Lakh Thirty-Seven Thousand Two Hundred and Fifty-Two point Three Nine Seven

Package No.-BWDB/Netr/HFMLIP/PW-03.

This Bill of Quantities is Electronically Signed by Mr. Mohammed Eunus on behalf of Mohammed Eunus & Brothers (Pvt.) Ltd.

**Western Engineering (Pvt.) Ltd.-M/S. BHAWAL CONSTRUCTION-Joint Venture
(JVCA)**

Bill of Quantities

Package No.-BWDB/Netr/HFMLIP/PW-03.

Re-sectioning of full embankment of Kangshs River Scheem in between km 2.46 to km 28.4020.90km in upozilla Netrakona Sador and Purbadhola Re-sectioning of submergible embankment of Singer Beel sub-project scheme from km 11.60 to km 15.163.56km in upozilla Barhatta Total24.46km and Construction of 5 vent 1.80 m x1.50 m Kalihar Regulator of Dampara water Management Scheme at km 6.42 in C/W Haor Flood Management and Livelihood Improvement Project BWDB Part under Netrakona O&M Division during the year 2017-18 & 2018-19.

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1	Analysis rate	Analysis rate	Preparation of 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.	LS	1.000	300000.001	Three Lakh point Zero Zero One	300000.001	Three Lakh point Zero Zero One
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	377.000	261.432	Two Hundred and Sixty-One point Four Three Two	98559.864	Ninety-Eight Thousand Five Hundred and Fifty-Nine point Eight Six Four
			Earth work by Mechanical Excavator (Long Boom) in constructing/re-sectioning of embankment/ canal bank/road etc.compacted to 85%/90% maximum dry desityat						

3	16-650	16-650-10	<p>optimum moisture content, with reference 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 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.</p> <p>Embankment by Mech. Equipment ; height 0 to 4 m 85% compaction.</p>	cum	218592.950	116.297	One Hundred and Sixteen point Two Nine Seven	25421704.306	Two Crore Fifty-Four Lakh Twenty-One Thousand Seven Hundred and Four point Three Zero Six
			<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</p>						

4	16-410	16-410-10	<p>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 pproved equipment including all ancillary charges for compaction and testing) as per direction of Engineer in charge.</p> <p>300m to 1.00 km.(85% compaction)</p>	cum	62455.130	311.652	Three Hundred and Eleven point Six Five Two	19464266.175	One Crore Ninety-Four Lakh Sixty-Four Thousand Two Hundred and Sixty-Six point One Seven Five
			<p>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</p>						

5	16-120	16-120-10	<p>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, 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.</p> <p>0 m to 3 m height with 85% compaction</p>	cum	31227.560	164.637	One Hundred and Sixty-Four point Six Three Seven	5141211.796	Fifty-One Lakh Forty-One Thousand Two Hundred and Eleven point Seven Nine Six
6	16-190	16-190	<p>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</p>	pldcum	15613.780	26.226	Twenty-Six point Two Two Six	409486.994	Four Lakh Nine Thousand Four Hundred and Eighty-Six point Nine Nine Four
6	16-190	16-190	(a) Extra lead 3 nos	pldcum	15613.780	39.339	Thirty-Nine point Three Three Nine	614230.491	Six Lakh Fourteen Thousand Two Hundred and Thirty point Four Nine One
			Fine dressing and close turfing of the slopes and the crest of						

7	7	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.	sqm	168036.000	23.553	Twenty-Three point Five Five Three	3957751.908	Thirty-Nine Lakh Fifty-Seven Thousand Seven Hundred and Fifty-One point Nine Zero Eight
8	8	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	35.000	1083.393	One Thousand AND Eighty-Three point Three Nine Three	37918.755	Thirty-Seven Thousand Nine Hundred and Eighteen point Seven Five Five
9	9	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	37200.000	4.023	Four point Zero Two Three	149655.600	One Lakh Forty-Nine Thousand Six Hundred and Fifty-Five point Six
10	10	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	Day	60.000	2248.074	Two Thousand Two Hundred and Forty-Eight point	134884.440	One Lakh Thirty-Four Thousand Eight Hundred and Eighty-

			Technical Specification, Contractor's Method Statement and as per direction of Engineer in Charge.				Zero Seven Four		Four point Four Four
							Grand Total:	55729670.330	Five Crore Fifty- Seven Lakh Twenty- Nine Thousand Six Hundred and Seventy point Three Three

Package No.-BWDB/Netr/HFMLIP/PW-03.

This Bill of Quantities is Electronically Signed by Mr. FAKHAR on behalf of Western Engineering (Pvt.)
Ltd.-M/S. BHAWAL CONSTRUCTION-Joint Venture