

Individual Report

| Tender/Proposal Detail | | | |
|--------------------------------|---|-----------------------------------|--------------------------------------|
| Tender/Proposal ID : | 76148 | Invitation Reference No. : | T-1/WDB/Kishore/4665 Date 23-11-2016 |
| Closing Date and Time : | 29-Dec-2016 13:30 | Opening Date and Time : | 29-Dec-2016 15:11 |
| Procuring Entity : | Kishoreganj WD Division | | |
| Brief : | <p>The construction of (A) Sub mergible embankment in between km.0.000 to km.56.949 = 3.879 km. & (B) Re-excavation of Drainage khal of Boro Haor (i) Hajir Khali Khal from km 0.08 to km 1.810=1.730 km (ii) Karpasha khal form km. 0.093 to km 1.615=1.522 km. (iii) Dampara khal from km 0.200 to km 3.600=3.400 km (iv) Baniajang khal from km 0.206 to km 7.060=6.854 km (v) Suti Khal from km 0.00 to km 6.100= 6.100 km.(vi) Digha Nadi from km.2.400 to km.8.100=5.700km. & (vii) Old Singua River from km.7.300 to km.18.160 =10.860 km.= Total length = 36.166 km of Boro Haor Sub -Project in C/W Haor flood Management and Livelihood Improvement project Under Kishoreganj W.D Division,BWDB,Kishoreganj During the Financial year 2016-17& 2017-18 . Package No. BWDB/Kish/HFMLIP/PW-07.</p> | | |

| Package No | Package Description |
|-------------------------|---|
| BWDB/Kish/HFMLIP/PW-07. | <p>The construction of (A) Sub mergible embankment in between km.0.000 to km.56.949 = 3.879 km. & (B) Re-excavation of Drainage khal of Boro Haor (i) Hajir Khali Khal from km 0.08 to km 1.810=1.730 km (ii) Karpasha khal form km. 0.093 to km 1.615=1.522 km. (iii) Dampara khal from km 0.200 to km 3.600=3.400 km (iv) Baniajang khal from km 0.206 to km 7.060=6.854 km (v) Suti Khal from km 0.00 to km 6.100= 6.100 km.(vi) Digha Nadi from km.2.400 to km.8.100=5.700km. & (vii) Old Singua River from km.7.300 to km.18.160 =10.860 km.= Total length = 36.166 km of Boro Haor Sub -Project in C/W Haor flood Management and Livelihood Improvement project Under Kishoreganj W.D Division,BWDB,Kishoreganj During the Financial year 2016-17& 2017-18 . Package No. BWDB/Kish/HFMLIP/PW-07.</p> |

azadreaz2015jv
(JVCA)

Bill of Quantities 01

| 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) |
| 01(Submersible Embankment) | 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 | each | 84.000 | 264.268 | Two Hundred and Sixty-Four point Two Six Eight | 22198.512 | Twenty-Two Thousand One Hundred and Ninety-Eight point Five One Two |
| | | | Preparation and mobilization of the Site for Construction of Submersible Embankment or other Structural Components in c/w "Haor Flood Management and Livelihood Improved Improvement Project(BWDB | | | | | | |

| | | | | | | | | | |
|----|------------------------------|------------------------------|--|-----|----------|------------|---|------------|--|
| 02 | Approved analysis rate | Approved analysis rate | 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. | LS | 1.000 | 900000.001 | Nine Lakh point Zero Zero One | 900000.001 | Nine Lakh point Zero Zero One |
| 03 | 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 | Cum | 3808.800 | 118.206 | One Hundred and Eighteen point Two Zero Six | 450223.013 | Four Lakh Fifty Thousand Two Hundred and Twenty- Three point Zero One Three |

| | | | | | | | | | |
|----|--------|---------------|--|-----|----------|---------|--|-------------|---|
| | | | 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." " | | | | | | |
| 04 | 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) direction of Engineer in charge. Earth work by manual labour in all kinds of soil for excavation/ re- excavation of pond/ tank in layers of 150mm including breaking clods, dressing, profiling etc. complete with all leads and lifts as per direction of Engineer in charge. 16-410-10: 300m to 1.00 km. (85% compaction) | Cum | 5078.400 | 268.446 | Two Hundred and Sixty- Eight point Four Six | 1363276.166 | Thirteen Lakh Sixty- Three Thousand Two Hundred and Seventy- Six point One Six Six |
| 05 | 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, (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. | Cum | 3808.800 | 153.304 | One Hundred and Fifty- Three point Three Zero Four | 583904.275 | Five Lakh Eighty- Three Thousand Nine Hundred and Four point Two Seven Five |

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|----|--------|--------|---|--------------------|-----------|--------|------------------------------------|-------------|--|
| | | | 16-120-10: 0 m to 3 m height with 85% compaction. | | | | | | |
| 06 | 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. 3 nos lead. | per 3 nos lead/cum | 3808.800 | 35.389 | Thirty-Five point Three Eight Nine | 134789.623 | One Lakh Thirty-Four Thousand Seven Hundred and Eighty-Nine point Six Two Three |
| 07 | 48-100 | 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 | 38790.000 | 19.457 | Nineteen point Four Five Seven | 754737.030 | Seven Lakh Fifty-Four Thousand Seven Hundred and Thirty-Seven point Zero Three |
| 08 | 48-130 | 48-130 | 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 | 23274.000 | 3.716 | Three point Seven One Six | 86486.184 | Eighty-Six Thousand Four Hundred and Eighty-Six point One Eight Four |
| | | | | | | | Grand Total: | 4295614.804 | Forty-Two Lakh Ninety-Five Thousand Six Hundred and Fourteen point Eight Zero Four |

| S. No. | Mapped Document Name | File Name | File Size(In Kb) |
|--------|-------------------------|--------------------|------------------|
| 1 | analysis of Quoted Rate | Analysis-76148.pdf | 101.74 |

This Bill of Quantities 01 is Electronically Signed by Mr. md on behalf of azadreaz2015jv

| Liton Traders | | | | | | | | | |
|-----------------------------|------------------------|------------------------|---|------------------|----------|--------------------------------|---|---------------------------------|--|
| Bill of Quantities 01 | | | | | | | | | |
| 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) |
| 01(Submersible Embankment) | 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 | each | 84.000 | 214.021 | Two Hundred and Fourteen point Zero Two One | 17977.764 | Seventeen Thousand Nine Hundred and Seventy-Seven point Seven Six Four |
| 02 | Approved analysis rate | Approved analysis rate | Preparation and mobilization of the Site for Construction of Submersible Embankment or 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. | LS | 1.000 | 750000.001 | Seven Lakh Fifty Thousand point Zero One | 750000.001 | Seven Lakh Fifty Thousand point Zero Zero One |
| | | | "Earth work by Mechanical Excavator (Long Boon) in constructing/ resectioning of embankment/canal bank/ road etc. compacted to 85%/90% | | | | | | |

| | | | | | | | | | |
|----|--------|-----------|--|-----|----------|---------|--|-------------|---|
| 03 | 16-650 | 16-650-10 | <p>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 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>"</p> | Cum | 3808.800 | 103.034 | One Hundred and Three point Zero Three Four | 392435.899 | Three Lakh Ninety-Two Thousand Four Hundred and Thirty-Five point Eight Nine Nine |
| 04 | 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) direction of Engineer in charge. Earth work by manual labour in all kinds of soil for excavation/ re-excitation of pond/ tank in layers of 150mm including breaking clods, dressing,</p> | Cum | 5078.400 | 222.783 | Two Hundred and Twenty-Two point Seven Eight Three | 1131381.187 | Eleven Lakh Thirty-One Thousand Three Hundred and Eighty-One point |

| | | | | | | | | | |
|----|--------|-----------|---|--------------------|-----------|---------|---|------------|---|
| | | | profiling etc. complete with all leads and lifts as per direction of Engineer in charge. 16-410-10: 300m to 1.00 km.(85% compaction) | | | | | | One Eight Seven |
| 05 | 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, (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. 16-120-10: 0 m to 3 m height with 85% compaction. | Cum | 3808.800 | 135.363 | One Hundred and Thirty-Five point Three Six Three | 515570.594 | Five Lakh Fifteen Thousand Five Hundred and Seventy point Five Nine Four |
| 06 | 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. 3 nos lead. | per 3 nos lead/cum | 3808.800 | 31.373 | Thirty-One point Three Seven Three | 119493.482 | One Lakh Nineteen Thousand Four Hundred and Ninety-Three point Four Eight Two |
| 07 | 48-100 | 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 turfgrows properly, maintaining etc. complete (measurement will be given onwell grown grass only). as per direction of Engineer in charge." | sqm | 38790.000 | 13.744 | Thirteen point Seven Four Four | 533129.760 | Five Lakh Thirty-Three Thousand One Hundred and Twenty-Nine point Seven Six |

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|----|--------|--------|---|---|-----------|-------|---------------------------|-------------|---|
| 08 | 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 | 23274.000 | 3.149 | Three point One Four Nine | 73289.826 | Seventy-Three Thousand Two Hundred and Eighty-Nine point Eight Two Six |
| | | | | | | | Grand Total: | 3533278.513 | Thirty-Five Lakh Thirty-Three Thousand Two Hundred and Seventy-Eight point Five One Three |

| S. No. | Mapped Document Name | File Name | File Size(In Kb) |
|--------|-------------------------|--------------------|------------------|
| 1 | analysis of Quoted Rate | Analysis-76148.pdf | 100.82 |

This Bill of Quantities 01 is Electronically Signed by Mr. mizanur Rahman on behalf of Liton Traders

| M/S ISMAIL HOSSAIN | | | | | | | | | |
|-----------------------------|--------|--------------------|---|------------------|----------|--------------------------------|--|---------------------------------|---|
| Bill of Quantities 01 | | | | | | | | | |
| 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) |
| 01(Submersible Embankment) | 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 | each | 84.000 | 264.871 | Two Hundred and Sixty-Four point Eight Seven One | 22249.164 | Twenty-Two Thousand Two Hundred and Forty-Nine point One Six Four |
| | | | Preparation and mobilization of the Site for Construction of Submersible Embankment or other Structural Components in c/w "Haor Flood Management and Livelihood Improved Project(BWDB Part) as per Technical Specifications, including land lease, rental | | | | Nine | | |

| | | | | | | | | | |
|----|------------------------|------------------------|--|-----|----------|------------|--|------------|---|
| 02 | Approved analysis rate | Approved analysis rate | 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. | LS | 1.000 | 900000.001 | Lakh point Zero Zero One | 900000.001 | Nine Lakh point Zero Zero One |
| 03 | 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 same for 6 | Cum | 3808.800 | 119.332 | One Hundred and Nineteen point Three Three Two | 454511.722 | Four Lakh Fifty-Four Thousand Five Hundred and Eleven point Seven Two Two |

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|----|--------|-----------|---|-----|----------|---------|--|-------------|---|
| | | | 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. | | | | | | |
| 04 | 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) direction of Engineer in charge. Earth work by manual labour in all kinds of soil for excavation/ re-excitation of pond/ tank in layers of 150mm including breaking clods, dressing, profiling etc. complete with all leads and lifts as per direction of Engineer in charge.</p> <p>16-410-10: 300m to 1.00 km. (85% compaction)</p> | Cum | 5078.400 | 271.012 | Two Hundred and Seventy-One point Zero One Two | 1376307.341 | Thirteen Lakh Seventy-Six Thousand Three Hundred and Seven point Three Four One |
| 05 | 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 ..., (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>16-120-10: 0 m to 3 m height with 85% compaction.</p> | Cum | 3808.800 | 155.828 | One Hundred and Fifty-Five point Eight Two Eight | 593517.686 | Five Lakh Ninety-Three Thousand Five Hundred and Seventeen point Six Eight Six |
| | | | Extra rate for every additional | | | | | | |

| | | | | | | | | | |
|----|--------|--------|--|--------------------|-----------|--------|----------------------------------|-------------|--|
| 06 | 16-190 | 16-190 | 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. 3 nos lead. | per 3 nos lead/cum | 3808.800 | 35.891 | Thirty-Five point Eight Nine One | 136701.641 | One Lakh Thirty-Six Thousand Seven Hundred and One point Six Four One |
| 07 | 48-100 | 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 turfgrows properly, maintaining etc. complete (measurement will be given on well grown grass only). as per direction of Engineer in charge." | sqm | 38790.000 | 19.648 | Nineteen point Six Four Eight | 762145.920 | Seven Lakh Sixty-Two Thousand One Hundred and Forty-Five point Nine Two |
| 08 | 48-130 | 48-130 | 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 | 23274.000 | 3.762 | Three point Seven Six Two | 87556.788 | Eighty-Seven Thousand Five Hundred and Fifty-Six point Seven Eight Eight |
| | | | | | | | Grand Total: | 4332990.263 | Forty-Three Lakh Thirty-Two Thousand Nine Hundred and Ninety point Two Six Three |

| S. No. | Mapped Document Name | File Name | File Size(In Kb) |
|--------|-------------------------|---------------------------------------|------------------|
| 1 | analysis of Quoted Rate | Kishore Gonj-76148 ismail hossain.pdf | 132.05 |

This Bill of Quantities 01 is Electronically Signed by Mr. MD Rony on behalf of M/S ISMAIL HOSSAIN

| M/S. Amin & Co. | | | | | | | | | |
|-----------------------|-------|--------------------|---------------------|------------------|----------|--------------------------|------------------------|---------------------------|-------------------------|
| Bill of Quantities 01 | | | | | | | | | |
| Bill of Quantities | | | | | | | | | |
| Item no. | Group | Item Code (if any) | Description of Item | Measurement Unit | Quantity | Unit Price In figures | Unit Price In Words | Total Price In Figures | Total Price In Words |

| | | any) | | | | (BDT) | in words (BDT) | (BDT) | in words (BDT) |
|-----------------------------|------------------------|------------------------|---|------|--------|-------------|--|-------------|--|
| 01(Submersible Embankment) | 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 | each | 84.000 | 173.732 | One Hundred and Seventy-Three point Seven Three Two | 14593.488 | Fourteen Thousand Five Hundred and Ninety-Three point Four Eight Eight |
| 02 | Approved analysis rate | Approved analysis rate | Preparation and mobilization of the Site for Construction of Submersible Embankment or other Structural Components in c/w "Haor Flood Management and Livelihood Improved 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. | LS | 1.000 | 1099251.461 | Ten Lakh Ninety-Nine Thousand Two Hundred and Fifty-One point Four Six One | 1099251.461 | Ten Lakh Ninety-Nine Thousand Two Hundred and Fifty-One point Four Six One |
| | | | "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 | | | | | | |

| | | | | | | | | | |
|----|--------|-----------|---|-----|----------|---------|---|-------------|--|
| 03 | 16-650 | 16-650-10 | <p>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 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>"</p> | Cum | 3808.800 | 100.643 | One Hundred point Six Four Three | 383329.058 | Three Lakh Eighty-Three Thousand Three Hundred and Twenty-Nine point Zero Five Eight |
| 04 | 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) direction of Engineer in charge. Earth work by manual labour in all kinds of soil for excavation/ re-excitation of pond/ tank in layers of 150mm including breaking clods, dressing, profiling etc. complete with all leads and lifts as per direction of Engineer in charge.</p> <p>16-410-10: 300m to 1.00 km.(85%</p> | Cum | 5078.400 | 233.169 | Two Hundred and Thirty-Three point One Six Nine | 1184125.450 | Eleven Lakh Eighty-Four Thousand One Hundred and Twenty-Five point Four Five |

| | | | | | | | | | |
|----|--------|-----------|--|--------------------|-----------|---------|--|------------|--|
| | | | compaction) | | | | | | |
| 05 | 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, (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>16-120-10: 0 m to 3 m height with 85% compaction.</p> | Cum | 3808.800 | 147.765 | One Hundred and Forty-Seven point Seven Six Five | 562807.332 | Five Lakh Sixty-Two Thousand Eight Hundred and Seven point Three Three Two |
| 06 | 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. 3 nos lead.</p> | per 3 nos lead/cum | 3808.800 | 35.139 | Thirty-Five point One Three Nine | 133837.423 | One Lakh Thirty-Three Thousand Eight Hundred and Thirty-Seven point Four Two Three |
| 07 | 48-100 | 48-100 | <p>"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 turfgrows properly, maintaining etc. complete (measurement will be given on well grown grass only). as per direction of Engineer in charge."</p> | sqm | 38790.000 | 18.166 | Eighteen point One Six Six | 704659.140 | Seven Lakh Four Thousand Six Hundred and Fifty-Nine point One Four |
| | | | <p>Biological protection of bare earth surface by Dholkalmi with minimum 50cm long sapling, planting @ not</p> | | | | Three point | | Eighty Thousand Three Hundred and |

| | | | | | | | | | |
|----|--------|--------|---|---|-----------|-------|---------------------|-------------|---|
| 08 | 48-130 | 48-130 | more than 30 cm apart including supplying, sizing, taping and nursing etc. complete as per direction of the Engineer in charge. | m | 23274.000 | 3.452 | point Four Five Two | 80341.848 | and Forty-One point Eight Four Eight |
| | | | | | | | Grand Total: | 4162945.200 | Forty-One Lakh Sixty-Two Thousand Nine Hundred and Forty-Five point Two |

| S. No. | Mapped Document Name | File Name | File Size(In Kb) |
|--------|-------------------------|---------------------------|------------------|
| 1 | analysis of Quoted Rate | Analysis-76148-BOQ-3.docx | 69.77 |
| 2 | analysis of Quoted Rate | Analysis-76148-BOQ-2.docx | 110.06 |
| 3 | analysis of Quoted Rate | Analysis-76148-BOQ-1.docx | 64.90 |

This Bill of Quantities 01 is Electronically Signed by Mr. Ruhul Amin on behalf of M/S. Amin & Co.

| M/S. Kamrul Enterprise | | | | | | | | | |
|-----------------------------|------------------------|------------------------|--|------------------|----------|-----------------------------------|--|------------------------------------|--|
| Bill of Quantities 01 | | | | | | | | | |
| 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) |
| 01(Submersible Embankment) | 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 | each | 84.000 | 276.767 | Two Hundred and Seventy-Six point Seven Six Seven | 23248.428 | Twenty-Three Thousand Two Hundred and Forty-Eight point Four Two Eight |
| 02 | Approved analysis rate | Approved analysis rate | Preparation and mobilization of the Site for Construction of Submersible Embankment or 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, | LS | 1.000 | 1099248.463 | Ten Lakh Ninety-Nine Thousand Two Hundred and Forty- | 1099248.463 | Ten Lakh Ninety-Nine Thousand Two Hundred and Forty- |

| | | | | | | | | | |
|----|--------|-----------|---|-----|----------|--------|-------------------------------|------------|--|
| | | | 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. | | | | Eight point Four Six Three | | Eight point Four Six Three |
| 03 | 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 same for 6 months after completion, (compaction will be done by the | Cum | 3808.800 | 96.692 | Ninety-Six point Six Nine Two | 368280.490 | Three Lakh Sixty-Eight Thousand Two Hundred and Eighty point Four Nine |

| | | | | | | | | | |
|----|--------|-----------|--|-----|----------|---------|---|-------------|---|
| | | | contractor with approved equipment, including all ancillary charges for compaction and testing) as per direction of Engineer in charge. | | | | | | |
| 04 | 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) direction of Engineer in charge. Earth work by manual labour in all kinds of soil for excavation/ re-excitation of pond/ tank in layers of 150mm including breaking clods, dressing, profiling etc. complete with all leads and lifts as per direction of Engineer in charge.</p> <p>16-410-10: 300m to 1.00 km.(85% compaction)</p> | Cum | 5078.400 | 236.162 | Two Hundred and Thirty-Six point One Six Two | 1199325.101 | Eleven Lakh Ninety-Nine Thousand Three Hundred and Twenty-Five point One Zero One |
| 05 | 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, (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>16-120-10: 0 m to 3 m height with 85% compaction.</p> | Cum | 3808.800 | 135.424 | One Hundred and Thirty-Five point Four Two Four | 515802.931 | Five Lakh Fifteen Thousand Eight Hundred and Two point Nine Three One |
| | | | Extra rate for every additional lead of 15m or part thereof beyond the initial | | | | Thirty- | | One Lakh Nineteen Thousand Four Hundred |

| | | | | | | | | | |
|----|--------|--------|---|--------------------|-----------|--------|--------------------------------|-------------|--|
| 06 | 16-190 | 16-190 | Beyond the initial lead of 30m upto a maximum of 19 leads (3m neglected) for all kinds of earth work. 3 nos lead. | per 3 nos lead/cum | 3808.800 | 31.373 | One point Three Seven Three | 119493.482 | hundred and Ninety-Three point Four Eight Two |
| 07 | 48-100 | 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 turfgrows properly, maintaining etc. complete (measurement will be given onwell grown grass only). as per direction of Engineer in charge." | sqm | 38790.000 | 17.927 | Seventeen point Nine Two Seven | 695388.330 | Six Lakh Ninety-Five Thousand Three Hundred and Eighty-Eight point Three Three |
| 08 | 48-130 | 48-130 | 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 | 23274.000 | 3.349 | Three point Three Four Nine | 77944.626 | Seventy-Seven Thousand Nine Hundred and Forty-Four point Six Two Six |
| | | | | | | | Grand Total: | 4098731.851 | Forty Lakh Ninety-Eight Thousand Seven Hundred and Thirty-One point Eight Five One |

| S. No. | Mapped Document Name | File Name | File Size(In Kb) |
|--------|-------------------------|-----------------------------|------------------|
| 1 | analysis of Quoted Rate | e-Tender ID No 76148 KE.pdf | 718.35 |

This Bill of Quantities 01 is Electronically Signed by Mr. MD. KAMRUL AHSAN on behalf of M/S. Kamrul Enterprise

| Md. Shamim Ahsan | | | | | | | | | |
|-----------------------|-------|--------------------|---------------------|------------------|----------|--------------------------|------------------------|---------------------------|-------------------------|
| Bill of Quantities 01 | | | | | | | | | |
| Bill of Quantities | | | | | | | | | |
| Item no. | Group | Item Code (if any) | Description of Item | Measurement Unit | Quantity | Unit Price In figures | Unit Price In Words | Total Price In Figures | Total Price In Words |

| | | any) | | | | (BDT) | in words (BDT) | (BDT) | in words (BDT) |
|-----------------------------|------------------------|------------------------|---|------|--------|-------------|--|-------------|--|
| 01(Submersible Embankment) | 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 | each | 84.000 | 281.446 | Two Hundred and Eighty-One point Four Six | 23641.464 | Twenty-Three Thousand Six Hundred and Forty-One point Four Six Four |
| 02 | Approved analysis rate | Approved analysis rate | Preparation and mobilization of the Site for Construction of Submersible Embankment or 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. | LS | 1.000 | 1099248.463 | Ten Lakh Ninety-Nine Thousand Two Hundred and Forty-Eight point Four Six Three | 1099248.463 | Ten Lakh Ninety-Nine Thousand Two Hundred and Forty-Eight point Four Six Three |
| | | | "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% | | | | | | |

| | | | | | | | | | |
|----|--------|-----------|---|-----|----------|---------|---|-------------|--|
| 03 | 16-650 | 16-650-10 | 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 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. " | Cum | 3808.800 | 103.869 | One Hundred and Three point Eight Six Nine | 395616.247 | Three Lakh Ninety-Five Thousand Six Hundred and Sixteen point Two Four Seven |
| 04 | 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) direction of Engineer in charge. Earth work by manual labour in all kinds of soil for excavation/ re-excitation of pond/ tank in layers of 150mm including breaking clods, dressing, profiling etc. complete with all leads and lifts as per direction of Engineer in charge. 16-410-10: 300m to 1.00 km.(85% compaction) | Cum | 5078.400 | 266.718 | Two Hundred and Sixty-Six point Seven One Eight | 1354500.691 | Thirteen Lakh Fifty-Four Thousand Five Hundred point Six Nine One |

| | | | | | | | | | |
|----|--------|-----------|--|--------------------|-----------|---------|--|------------|--|
| 05 | 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, (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>16-120-10: 0 m to 3 m height with 85% compaction.</p> | Cum | 3808.800 | 150.651 | One Hundred and Fifty point Six Five One | 573799.529 | Five Lakh Seventy-Three Thousand Seven Hundred and Ninety-Nine point Five Two Nine |
| 06 | 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. 3 nos lead.</p> | per 3 nos lead/cum | 3808.800 | 35.263 | Thirty-Five point Two Six Three | 134309.714 | One Lakh Thirty-Four Thousand Three Hundred and Nine point Seven One Four |
| 07 | 48-100 | 48-100 | <p>"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 turfgrows properly, maintaining etc. complete (measurement will be given on well grown grass only). as per direction of Engineer in charge."</p> | sqm | 38790.000 | 19.409 | Nineteen point Four Zero Nine | 752875.110 | Seven Lakh Fifty-Two Thousand Eight Hundred and Seventy-Five point One One |
| 08 | 48-130 | 48-130 | <p>Biological protection of bare earth surface by Dholkalmi with minimum 50cm long sapling, planting @ not more than 30 cm apart including supplying, sizing,</p> | m | 23274.000 | 3.704 | Three point Seven Zero Four | 86206.896 | Eighty-Six Thousand Two Hundred and Six point |

| | | | | | | | | | |
|--|--|--|--|--|--|--|---------------------|-------------|---|
| | | | taping and nursing etc. complete as per direction of the Engineer in charge. | | | | | | Eight Nine Six |
| | | | | | | | Grand Total: | 4420198.114 | Forty-Four Lakh Twenty Thousand One Hundred and Ninety-Eight point One One Four |

| S. No. | Mapped Document Name | File Name | File Size(In Kb) |
|--------|-------------------------|-----------------------------|------------------|
| 1 | analysis of Quoted Rate | e-Tender ID No 76148 SA.pdf | 717.92 |

This Bill of Quantities 01 is Electronically Signed by Mr. Md. Shamim Ahsan on behalf of Md. Shamim Ahsan

| Mohammed Eunus & Brothers (Pvt.) Ltd. | | | | | | | | | |
|---------------------------------------|------------------------|------------------------|--|------------------|----------|--------------------------------|---|---------------------------------|---|
| Bill of Quantities 01 | | | | | | | | | |
| 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) |
| 01(Submersible Embankment) | 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 | each | 84.000 | 234.999 | Two Hundred and Thirty-Four point Nine Nine Nine | 19739.916 | Nineteen Thousand Seven Hundred and Thirty-Nine point Nine One Six |
| 02 | Approved analysis rate | Approved analysis rate | Preparation and mobilization of the Site for Construction of Submersible Embankment or 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), | LS | 1.000 | 827402.345 | Eight Lakh Twenty-Seven Thousand Four Hundred and Two point Three Four Five | 827402.345 | Eight Lakh Twenty-Seven Thousand Four Hundred and Two point Three Four Five |

| | | | | | | | | | |
|----|--------|---------------|---|-----|----------|---------|--|------------|---|
| | | | 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. | | | | | | |
| 03 | 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 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 | Cum | 3808.800 | 115.383 | One Hundred and Fifteen point Three Eight Three | 439470.770 | Four Lakh Thirty- Nine Thousand Four Hundred and Seventy point Seven Seven |

| | | | | | | | | | |
|----|--------|-----------|---|--------------------|----------|---------|---|-------------|---|
| | | | per direction of Engineer in charge. " | | | | | | |
| 04 | 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) direction of Engineer in charge. Earth work by manual labour in all kinds of soil for excavation/ re-excitation of pond/ tank in layers of 150mm including breaking clods, dressing, profiling etc. complete with all leads and lifts as per direction of Engineer in charge.</p> <p>16-410-10: 300m to 1.00 km. (85% compaction)</p> | Cum | 5078.400 | 278.237 | Two Hundred and Seventy-Eight point Two Three Seven | 1412998.781 | Fourteen Lakh Twelve Thousand Nine Hundred and Ninety-Eight point Seven Eight One |
| 05 | 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 ..., (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>16-120-10: 0 m to 3 m height with 85% compaction.</p> | Cum | 3808.800 | 155.792 | One Hundred and Fifty-Five point Seven Nine Two | 593380.570 | Five Lakh Ninety-Three Thousand Three Hundred and Eighty point Five Seven |
| 06 | 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. 3 nos lead.</p> | per 3 nos lead/cum | 3808.800 | 36.393 | Thirty-Six point Three Nine Three | 138613.658 | One Lakh Thirty-Eight Thousand Six Hundred and Thirteen point Six Five Eight |

| | | | | | | | | | |
|----|--------|--------|--|-----|-----------|--------|-------------------------------|-------------|--|
| 07 | 48-100 | 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 turfgrows properly, maintaining etc. complete (measurement will be given on well grown grass only). as per direction of Engineer in charge." | sqm | 38790.000 | 19.791 | Nineteen point Seven Nine One | 767692.890 | Seven Lakh Sixty-Seven Thousand Six Hundred and Ninety-Two point Eight Nine |
| 08 | 48-130 | 48-130 | 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 | 23274.000 | 3.809 | Three point Eight Zero Nine | 88650.666 | Eighty-Eight Thousand Six Hundred and Fifty point Six Six Six |
| | | | | | | | Grand Total: | 4287949.596 | Forty-Two Lakh Eighty-Seven Thousand Nine Hundred and Forty-Nine point Five Nine Six |

| S. No. | Mapped Document Name | File Name | File Size(In Kb) |
|--------|-------------------------|---------------------------|------------------|
| 1 | analysis of Quoted Rate | Rate Analysis - 76148.pdf | 275.18 |

This Bill of Quantities 01 is Electronically Signed by Mr. Mohammed Eunus on behalf of Mohammed Eunus & Brothers (Pvt.) Ltd.

| RAB-RC (PVT) LIMITED | | | | | | | | | |
|-----------------------|--------|--------------------|--|------------------|----------|--------------------------------|------------------------------|---------------------------------|---------------------------------|
| Bill of Quantities 01 | | | | | | | | | |
| 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) |
| 01(Submersible | 16-100 | 16-100 | Erection of bamboo profile with full bamboo posts and pegs not less than | sqm | 84.000 | 230.134 | Two Hundred and Thirty-Nine | 20112.456 | Twenty Thousand One Hundred and |

| | | | | | | | | | |
|--------------|------------------------|------------------------|---|------|--------|------------|---|------------|---|
| Embankment) | 10-100 | 10-100 | 60mm in diameter and coir strings etc. complete as per direction of Engineer in charge | each | 04.000 | 239.434 | Nine point Four Three Four | 20112.430 | and Twelve point Four Five Six |
| 02 | Approved analysis rate | Approved analysis rate | Preparation and mobilization of the Site for Construction of Submersible Embankment or 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. | LS | 1.000 | 780000.001 | Seven Lakh Eighty Thousand point Zero One | 780000.001 | Seven Lakh Eighty Thousand point Zero One |
| | | | "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 AASTM 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 | | | | | | |

| | | | | | | | | | |
|----|--------|-----------|--|-----|----------|---------|--|-------------|--|
| 03 | 16-650 | 16-650-10 | 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. | Cum | 3808.800 | 111.458 | One Hundred and Eleven point Four Five Eight | 424521.230 | Four Lakh Twenty-Four Thousand Five Hundred and Twenty-One point Two Three |
| 04 | 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) direction of Engineer in charge. Earth work by manual labour in all kinds of soil for excavation/ re-excitation of pond/ tank in layers of 150mm including breaking clods, dressing, profiling etc. complete with all leads and lifts as per direction of Engineer in charge. 16-410-10: 300m to 1.00 km.(85% compaction) | Cum | 5078.400 | 230.009 | Two Hundred and Thirty point Zero Zero Nine | 1168077.706 | Eleven Lakh Sixty-Eight Thousand AND Seventy-Seven point Seven Zero Six |
| | | | Earth work by manual labour in constructing/ resectioning of embankment/canal bank/ road etc. | | | | | | |

| | | | | | | | | | |
|----|--------|-----------|--|--------------------|-----------|---------|---|------------|--|
| 05 | 16-120 | 16-120-10 | <p>compacted to 85%/90% maximum dry density at optimum moisture content, with reference, (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>16-120-10: 0 m to 3 m height with 85% compaction.</p> | Cum | 3808.800 | 142.322 | One Hundred and Forty-Two point Three Two Two | 542076.034 | Five Lakh Forty-Two Thousand AND Seventy-Six point Zero Three Four |
| 06 | 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. 3 nos lead.</p> | per 3 nos lead/cum | 3808.800 | 32.628 | Thirty-Two point Six Two Eight | 124273.526 | One Lakh Twenty-Four Thousand Two Hundred and Seventy-Three point Five Two Six |
| 07 | 48-100 | 48-100 | <p>"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 turfgrows properly, maintaining etc. complete (measurement will be given onwell grown grass only). as per direction of Engineer in charge."</p> | sqm | 38790.000 | 14.222 | Fourteen point Two Two Two | 551671.380 | Five Lakh Fifty-One Thousand Six Hundred and Seventy-One point Three Eight |
| 08 | 48-130 | 48-130 | <p>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.</p> | m | 23274.000 | 3.263 | Three point Two Six Three | 75943.062 | Seventy-Five Thousand Nine Hundred and Forty-Three point Zero Six Two |

| | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--|
| | | | | | | | | | Grand Total: 3686675.395 Thirty-Six Lakh Eighty-Six Thousand Six Hundred and Seventy-Five point Three Nine Five |
|--|--|--|--|--|--|--|--|--|--|

| S. No. | Mapped Document Name | File Name | File Size(In Kb) |
|--------|-------------------------|-----------------------|------------------|
| 1 | analysis of Quoted Rate | Analysis ID-76148.xls | 162.87 |

This Bill of Quantities 01 is Electronically Signed by Mr. Fakhru Amin Buiyan on behalf of RAB-RC (PVT) LIMITED

| |
|-----------------------|
| SA-SI-LT JV (JVCA) |
| Bill of Quantities 01 |

| 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) |
| 01(Submersible Embankment) | 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 | each | 84.000 | 193.953 | One Hundred and Ninety-Three point Nine Five Three | 16292.052 | Sixteen Thousand Two Hundred and Ninety-Two point Zero Five Two |
| 02 | Approved analysis rate | Approved analysis rate | Preparation and mobilization of the Site for Construction of Submersible Embankment or 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), | LS | 1.000 | 967050.847 | Nine Lakh Sixty-Seven Thousand AND Fifty point Eight Four Seven | 967050.847 | Nine Lakh Sixty-Seven Thousand AND Fifty point Eight Four Seven |

| | | | | | | | | | |
|----|--------|-----------|---|-----|----------|---------|---|------------|--|
| | | | supply of wooden & cane seated furniture etc. as specified and as per Contractor's Method Statement and as per direction of Engineer in charge. | | | | | | |
| 03 | 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 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 | Cum | 3808.800 | 114.835 | One Hundred and Fourteen point Eight Three Five | 437383.548 | Four Lakh Thirty-Seven Thousand Three Hundred and Eighty-Three point Five Four Eight |

| | | | | | | | | | |
|----|--------|-----------|--|--------------------|----------|---------|--|-------------|--|
| | | | charge. " | | | | | | |
| 04 | 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) direction of Engineer in charge. Earth work by manual labour in all kinds of soil for excavation/ re-excitation of pond/ tank in layers of 150mm including breaking clods, dressing, profiling etc. complete with all leads and lifts as per direction of Engineer in charge.</p> <p>16-410-10: 300m to 1.00 km.(85% compaction)</p> | Cum | 5078.400 | 248.536 | Two Hundred and Forty-Eight point Five Three Six | 1262165.222 | Twelve Lakh Sixty-Two Thousand One Hundred and Sixty-Five point Two Two Two |
| 05 | 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 ..., (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>16-120-10: 0 m to 3 m height with 85% compaction.</p> | Cum | 3808.800 | 163.139 | One Hundred and Sixty-Three point One Three Nine | 621363.823 | Six Lakh Twenty-One Thousand Three Hundred and Sixty-Three point Eight Two Three |
| 06 | 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. 3 nos lead.</p> | per 3 nos lead/cum | 3808.800 | 39.528 | Thirty-Nine point Five Two Eight | 150554.246 | One Lakh Fifty Thousand Five Hundred and Fifty-Four point Two Four Six |
| | | | "Fine dressing and close turfing of the slopes and the | | | | | | |

| | | | | | | | | | |
|----|--------|--------|---|-----|-----------|--------|--------------------------------|-------------|---|
| 07 | 48-100 | 48-100 | 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 turfgrows properly, maintaining etc. complete (measurement will be given on well grown grass only). as per direction of Engineer in charge." | sqm | 38790.000 | 17.449 | Seventeen point Four Four Nine | 676846.710 | Six Lakh Seventy-Six Thousand Eight Hundred and Forty-Six point Seven One |
| 08 | 48-130 | 48-130 | 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 | 23274.000 | 3.812 | Three point Eight One Two | 88720.488 | Eighty-Eight Thousand Seven Hundred and Twenty point Four Eight Eight |
| | | | | | | | Grand Total: | 4220376.936 | Forty-Two Lakh Twenty Thousand Three Hundred and Seventy-Six point Nine Three Six |

| S. No. | Mapped Document Name | File Name | File Size(In Kb) |
|--------|-------------------------|----------------|------------------|
| 1 | analysis of Quoted Rate | Analysis-2.rar | 1765.46 |
| 2 | analysis of Quoted Rate | Analysis.rar | 1853.84 |

This Bill of Quantities 01 is Electronically Signed by Mrs. Kazi on behalf of SA-SI-LT JV