Individual Report

| Tender/Proposal Detail | | | |
|---|---|---|---|
| **Tender/Proposal ID :** | 74327 | **Invitation Reference No. :** | T-1/WDB/Kishore/3930 Date 30-06-2016 |
| **Closing Date and Time :** | 18-Dec-2016 14:00 | **Opening Date and Time :** | 18-Dec-2016 14:30 |
| **Procuring Entity :** | Kishoreganj WD Division | | |
| **Brief :** | The construction of (A) Sub-Mergible Embankment From km.0.000 to km. 1.697 = 1.697 km, from km. 1.917 to km.2.000 = 0.083 km, from km.2.487 to km 3.077 =0.590 km, from km.7.745 to km.15.239 =7.494 km., from km. 16.881 tokm.18.380 =1.499 km. from km. 18.526 to km.19.377= 0.851km.= Total =12.214 km.(Part-C). (B) Kata Khal Regulator 3V (1.5m x 1.8m ) at km 15.30,(Part-A). of Nunnir Haor Sub -Project in C/W Haor flood Management and Livelihood Improvement project Under Kishoreganj W.D Division,BWDB,Kishoreganj during the Financial year 2016-2017 & 2017-2018.Package No. BWDB/Kish/HFMLIP/PW-05. | | |

| Package No | Package Description |
|---|---|
| Package No. BWDB/Kish/HFMLIP/PW-05. | The construction of (A) Sub-Mergible Embankment From km.0.000 to km. 1.697 = 1.697 km, from km. 1.917 to km.2.000 = 0.083 km, from km.2.487 to km 3.077 =0.590 km, from km.7.745 to km.15.239 =7.494 km., from km. 16.881 tokm.18.380 =1.499 km. from km. 18.526 to km.19.377= 0.851km.= Total =12.214 km.(Part-C). (B) Kata Khal Regulator 3V (1.5m x 1.8m ) at km 15.30,(Part-A). of Nunnir Haor Sub -Project in C/W Haor flood Management and Livelihood Improvement project Under Kishoreganj W.D Division,BWDB,Kishoreganj during the Financial year 2016-2017 & 2017-2018.Package No. BWDB/Kish/HFMLIP/PW-05. |

**M/S Abul Kalam Azad**

**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 | 430.000 | 230.111 | Two Hundred and Thirty point One One One | 98947.730 | Ninety-Eight Thousand Nine Hundred and Forty-Seven point Seven 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% 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 | | | | One | | Forty-Five Lakh Thirteen Thousand |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 02 | 16-650 | 16-650-20 | 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. 16-650-20 Embk. by Mech. Equipment; ht: 4 to 6m & above; 85% comp. " | Cum | 29630.810 | 152.321 | Hundred and Fifty-Two point Three Two One | 4513394.610 | Thousand Three Hundred and Ninety-Four point Six One |
| 03 | 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 includingbreaking 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 | 39507.750 | 285.013 | Two Hundred and Eighty-Five point Zero One Three | 11260222.351 | One Crore Twelve Lakh Sixty Thousand Two Hundred and Twenty-Two point Three Five One |
| 04 | 16-120 | 16-120-10 | Earth work by manual labour in constructing/ resectioning of embankment/ canal bank/ road etc. compacted to 85%/90% maximum dry density at optimum moisture content, with reference to laboratory density test AAHSTO modified hammer, with clayey soil(minm 30% clay, 0-40% silt, 0-30% sand) within the initial lead of 30m and all lifts including throwing the spoils to profiles in layers not exceeding 230mm in thickness with clod breaking to a maximum size of 100mm, benching the side slopes, removing roots and stumps of trees of girth upto 200mm from the ground, stripping/ ploughing the base of | Cum | 29630.810 | 170.683 | One Hundred and Seventy point Six Eight Three | 5057475.543 | Fifty Lakh Fifty-Seven Thousand Four Hundred and Seventy-Five point |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | 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. 16-120-10: 0 m to 3 m height with 85% compaction. | | | | | | Five point Five Four Three |
| 05 | 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 = 3 x 14.57=43.71" | PldCum | 29630.810 | 39.781 | Thirty-Nine point Seven Eight One | 1178743.253 | Eleven Lakh Seventy-Eight Thousand Seven Hundred and Forty-Three point Two Five Three |
| 06 | 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 | 116277.280 | 24.716 | Twenty-Four point Seven One Six | 2873909.252 | Twenty-Eight Lakh Seventy-Three Thousand Nine Hundred and Nine point Two Five Two |
| 07 | 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 | 48856.000 | 4.118 | Four point One One Eight | 201189.008 | Two Lakh One Thousand One Hundred and Eighty-Nine point Zero Zero Eight |
| 08 | 56-100 | 56-100 | Earth work in box cutting up to 1.00 m depth, in all kinds of soil with all leads, removing the spoils to a safe distance, including levelling and dressing, maintaining required cambering etc. complete, as per direction of Engineer in | Cum | 5496.750 | 122.877 | One Hundred and Twenty-Two point Eight Seven Seven | 675424.150 | Six Lakh Seventy-Five Thousand Four Hundred and Twenty-Four point One Five |

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|---|---|---|---|---|---|---|---|---|---|
| | | | charge. | | | | | | Five |
| 09 | 56-110 | 56-110 | Construction of improved road sub-grade of sand (FM>=0.8) in maximum 150mm thick layer including dressing, levelling, ramming, watering, cambering and compacting to attain minimum CBR-8% by..drawing and direction of Engineer in charge (payment shall be made on compacted volume). | Cum | 1099.350 | 718.365 | Seven Hundred and Eighteen point Three Six Five | 789734.563 | Seven Lakh Eighty-Nine Thousand Seven Hundred and Thirty-Four point Five Six Three |
| 10 | Analysis Rate/LGED | Analysis Rate/LGED | Preparetion of Bed by Cutting and filling including watering to bring moisture +- 2% of OMC & compacting by appropiate machanical meands etc to attain minimum compaction 98% oc MDD (standard) to obtain a minimum soaked CBR 4% etc all complete as per direction of the E-I-C. | sqm | 7329.000 | 10.235 | Ten point Two Three Five | 75012.315 | Seventy-Five Thousand AND Twelve point Three One Five |
| 11 | Analysis Rate | Analysis Rate | "Manufacturing and supplying C.C. blocks in leanest mix. 1:2:4. with cement, sand (FM>=1.5) and Stone Chips (40mm down graded) to attain a28 days cylinder strength of 15 N/mm² including grading, washing stonechips, mixing, laying in forms, consolidation, curing for at least 21 days, including preparation of platform, shuttering and stacking in measurablestacks etc. complete including supply of all materials (steel shutter to be used) as per direction of Engineer in charge. Block Size: 30x30x30" | each | 69626.000 | 318.121 | Three Hundred and Eighteen point One Two One | 22149492.746 | Two Crore Twenty-One Lakh Forty-Nine Thousand Four Hundred and Ninety-Two point Seven Four Six |
| 12 | Analysis Rate | Analysis Rate | "Manufacturing and supplying C.C. blocks in leanest mix. 1:2:4 with cement, sand (FM>=1.5) and Stone Chips (40mm down graded) to attain a28 days cylinder strength of 15 N/mm² including grading, washing stonechips, mixing, laying in forms, consolidation, curing for at least 21 days, including preparation of platform, shuttering and stacking in measurablestacks etc. complete including supply of all materials (steel shutter to be used) as per direction of Engineer in charge. Block Size: 100cm x | each | 4886.000 | 947.158 | Nine Hundred and Forty-Seven point One Five Eight | 4627813.988 | Forty-Six Lakh Twenty-Seven Thousand Eight Hundred and Thirteen point Nine Eight Eight |

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|---|---|---|---|---|---|---|---|---|---|
| | | | 65cm x 10cm-15cm" | | | | | | |
| 13 | 24-310 | 24-310-10 | Flush pointing to brick works, in sand cement mortar (sand of FM>=1.3), including scaffolding, curing, raking out joints, clearing the surface etc. complete in all floors including the cost of all materials and as per direction of Engineer in charge.24-310-10 proportion 1:2 | sqm | 7329.000 | 139.763 | One Hundred and Thirty-Nine point Seven Six Three | 1024323.027 | Ten Lakh Twenty-Four Thousand Three Hundred and Twenty-Three point Zero Two Seven |
| 14 | 40-220 | 40-220-20 | Labour charge for protective works in laying CC blocks of different sizes including preparation of base, watering and ramming of base etc. complete as per direction of Engineer in charge. 40-220-20 Beyond 200 m. | Cum | 2276.890 | 1842.833 | One Thousand Eight Hundred and Forty-Two point Eight Three Three | 4195928.029 | Forty-One Lakh Ninety-Five Thousand Nine Hundred and Twenty-Eight point Zero Two Nine |
| 15 | 36-150 | 36-150-10 | "Formwork for centering and water tight shuttering as per drawing with 14 BWG M.S. sheet, fitted and fixed with 40mmx40mmx6mm M.S. angle frame and 25mmx6mm F.I. bar stiffener, with necessary fabrication, welding, making the forms including fitting, fixing of steel forms with necessary ties, battens, struts, nuts & bolts, props etc. as per desired shape and size including levelling and removing the forms after specified period including the cost of all materials as per direction of Engineer in charge. 36-150-10: Vertical and inclined walls, columns, piers with 60-80mm dia barrack bamboo props. " | sqm | 15.820 | 739.036 | Seven Hundred and Thirty-Nine point Zero Three Six | 11691.550 | Eleven Thousand Six Hundred and Ninety-One point Five Five |
| 16 | 76-120 | 76-120-10 | M.S. Work for reinforcement with deformed M.S. bar, fy=414 N/mm², (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. 76-120-10: 8mm dia to 30mm dia | kg | 72.540 | 74.585 | Seventy-Four point Five Eight Five | 5410.396 | Five Thousand Four Hundred and Ten point Three Nine Six |
| | | | M.S Work for | | | | | | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 17 | 76-115 | 76-115-10 | reinforcement with Standard deformed bar fy=276 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. 76-115-10: 6mm dia . | kg | 15.740 | 72.194 | Seventy-Two point One Nine Four | 1136.334 | One Thousand One Hundred and Thirty-Six point Three Three Four |
| | 18 | 28-200 | 28-200-10 | Reinforced cement concrete work in leanest mix. 1:1.5:3, with 20mm down graded coarse aggregates and sand of FM>2.0 to FM<=2.5, to attain a minimum 28 day cylinder strength of 22.0 N/mm², including breaking, screening, grading, washing aggregates with clean water, mixing, laying in forms, consolidation to levels, curing, including supply of all materials, excluding cost of M.S. work for reinforcements and formworks etc. complete and as per direction of Engineer in charge.28-200-10 with stone chips . | cum | 15.830 | 11314.328 | Eleven Thousand Three Hundred and Fourteen point Three Two Eight | 179105.812 | One Lakh Seventy-Nine Thousand One Hundred and Five point Eight One Two |
| | 19 | 04-110 | 04-110 | Fixing in position, boundary pillars/bench mark pillars/K.M. post etc. of size 110cm height, bottom dia 25cm and top dia 20cm, embedded 45cm below G.L. including carriage, earth cutting, filling, ramming, etc. complete as per direction of Engineer in charge | each | 13.000 | 42.797 | Forty-Two point Seven Nine Seven | 556.361 | Five Hundred and Fifty-Six point Three Six One |
| | | | | | | | | **Grand Total:** | 58919511.018 | Five Crore Eighty-Nine Lakh Nineteen Thousand Five Hundred and Eleven point Zero One Eight |

| S. No. | Mapped Document Name | File Name | File Size(In Kb) |
|---|---|---|---|
| 1 | - | Analysis-74327.pdf | 528.79 |

This Bill of Quantities 01 is Electronically Signed by Mr. Abul Kalam Azad Abul Kalam Azad on behalf of M/S Abul Kalam Azad

**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 (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 | 430.000 | 245.472 | Two Hundred and Forty-Five point Four Seven Two | 105552.960 | One Lakh Five Thousand Five Hundred and Fifty-Two point Nine Six |
| 02 | 16-650 | 16-650-20 | "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 charge. 16-650-20 Embk. by Mech. Equipment; ht: 4 to 6m & above; 85% comp. " | Cum | 29630.810 | 133.138 | One Hundred and Thirty-Three point One Three Eight | 3944986.782 | Thirty-Nine Lakh Forty-Four Thousand Nine Hundred and Eighty-Six point Seven Eight Two |
| 03 | 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- | Cum | 39507.750 | 302.527 | Three Hundred and Two point Five | 11952161.084 | One Crore Nineteen Lakh Fifty-Two Thousand One Hundred |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | excavation of pond/ tank in layers of 150mm includingbreaking 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) | | | | point Five Two Seven | | Hundred and Sixty-One point Zero Eight Four |
| 04 | 16-120 | 16-120-10 | Earth work by manual labour in constructing/ resectioning of embankment/ canal bank/ road etc. compacted to 85%/90% maximum dry density at optimum moisture content, with reference to laboratory density test AAHSTO modified hammer, with clayey soil(minm 30% clay, 0-40% silt, 0-30% sand) within the initial lead of 30m and all lifts including throwing the spoils to profiles in layers not exceeding 230mm in thickness with clod breaking to a maximum size of 100mm, benching the side slopes, removing roots and stumps of trees of girth upto 200mm from the ground, stripping/ ploughing the base of embankment and borrow pit area, 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. 16-120-10: 0 m to 3 m height with 85% compaction. | Cum | 29630.810 | 159.073 | One Hundred and Fifty-Nine point Zero Seven Three | 4713461.839 | Forty-Seven Lakh Thirteen Thousand Four Hundred and Sixty-One point Eight Three Nine |
| 05 | 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 = 3 x 14.57=43.71" | PldCum | 29630.810 | 37.647 | Thirty-Seven point Six Four Seven | 1115511.104 | Eleven Lakh Fifteen Thousand Five Hundred and Eleven point One Zero Four |
| | | | Fine dressing and close turfing of the slopes and the crest of embankment with 75mm thick, good quality durba or charkanta sods of size | | | | | | Twenty-Six Lakh Forty Thousand |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 06 | 48-100 | 48-100 | 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 | 116277.280 | 22.708 | Twenty-Two point Seven Zero Eight | 2640424.474 | Four Hundred and Twenty-Four point Four Seven Four |
| 07 | 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 | 48856.000 | 3.842 | Three point Eight Four Two | 187704.752 | One Lakh Eighty-Seven Thousand Seven Hundred and Four point Seven Five Two |
| 08 | 56-100 | 56-100 | Earth work in box cutting up to 1.00 m depth, in all kinds of soil with all leads, removing the spoils to a safe distance, including levelling and dressing, maintaining required cambering etc. complete, as per direction of Engineer in charge. | Cum | 5496.750 | 116.276 | One Hundred and Sixteen point Two Seven Six | 639140.103 | Six Lakh Thirty-Nine Thousand One Hundred and Forty point One Zero Three |
| 09 | 56-110 | 56-110 | Construction of improved road sub-grade of sand (FM>=0.8) in maximum 150mm thick layer including dressing, levelling, ramming, watering, cambering and compacting to attain minimum CBR-8% by..drawing and direction of Engineer in charge (payment shall be made on compacted volume). | Cum | 1099.350 | 648.309 | Six Hundred and Forty-Eight point Three Zero Nine | 712718.499 | Seven Lakh Twelve Thousand Seven Hundred and Eighteen point Four Nine Nine |
| 10 | Analysis Rate/LGED | Analysis Rate/LGED | Preparetion of Bed by Cutting and filling including watering to bring moisture +- 2% of OMC & compacting by appropiate machanical meands etc to attain minimum compaction 98% oc MDD (standard) to obtain a minimum soaked CBR 4% etc all complete as per direction of the E-I-C. | sqm | 7329.000 | 10.254 | Ten point Two Five Four | 75151.566 | Seventy-Five Thousand One Hundred and Fifty-One point Five Six Six |
| 11 | Analysis Rate | Analysis Rate | "Manufacturing and supplying C.C. blocks in leanest mix. 1:2:4. with cement, sand (FM>=1.5) and Stone Chips (40mm down graded) to attain a28 days cylinder strength of 15 N/mm² including grading, washing stonechips, mixing, laying in forms, consolidation, curing for at least 21 days, | each | 69626.000 | 315.818 | Three Hundred and Fifteen point Eight | 21989144.068 | Two Crore Nineteen Lakh Eighty-Nine Thousand One Hundred and |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | including preparation of platform, shuttering and stacking in measurablestacks etc. complete including supply of all materials (steel shutter to be used) as per direction of Engineer in charge. Block Size: 30x30x30" | | | | One Eight | | and Forty-Four point Zero Six Eight |
| 12 | Analysis Rate | Analysis Rate | "Manufacturing and supplying C.C. blocks in leanest mix. 1:2:4 with cement, sand (FM>=1.5) and Stone Chips (40mm down graded) to attain a28 days cylinder strength of 15 N/mm² including grading, washing stonechips, mixing, laying in forms, consolidation, curing for at least 21 days, including preparation of platform, shuttering and stacking in measurablestacks etc. complete including supply of all materials (steel shutter to be used) as per direction of Engineer in charge. Block Size: 100cm x 65cm x 10cm-15cm" | each | 4886.000 | 935.783 | Nine Hundred and Thirty-Five point Seven Eight Three | 4572235.738 | Forty-Five Lakh Seventy-Two Thousand Two Hundred and Thirty-Five point Seven Three Eight |
| 13 | 24-310 | 24-310-10 | Flush pointing to brick works, in sand cement mortar (sand of FM>=1.3), including scaffolding, curing, raking out joints, clearing the surface etc. complete in all floors including the cost of all materials and as per direction of Engineer in charge.24-310-10 proportion 1:2 | sqm | 7329.000 | 139.498 | One Hundred and Thirty-Nine point Four Nine Eight | 1022380.842 | Ten Lakh Twenty-Two Thousand Three Hundred and Eighty point Eight Four Two |
| 14 | 40-220 | 40-220-20 | Labour charge for protective works in laying CC blocks of different sizes including preparation of base, watering and ramming of base etc. complete as per direction of Engineer in charge. 40-220-20 Beyond 200 m. | Cum | 2276.890 | 1743.987 | One Thousand Seven Hundred and Forty-Three point Nine Eight Seven | 3970866.560 | Thirty-Nine Lakh Seventy Thousand Eight Hundred and Sixty-Six point Five Six |
| 15 | 36-150 | 36-150-10 | "Formwork for centering and water tight shuttering as per drawing with 14 BWG M.S. sheet, fitted and fixed with 40mmx40mmx6mm M.S. angle frame and 25mmx6mm F.I. bar stiffener, with necessary fabrication, welding, making the forms including fitting, fixing of steel forms with necessary ties, battens, struts, nuts & bolts, props etc. as per desired shape and size including levelling and | sqm | 15.820 | 757.143 | Seven Hundred and Fifty-Seven point One Four Three | 11978.002 | Eleven Thousand Nine Hundred and Seventy-Eight point Zero |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | removing the forms after specified period including the cost of all materials as per direction of Engineer in charge. 36-150-10: Vertical and inclined walls, columns, piers with 60-80mm dia barrack bamboo props. " | | | | | | Zero Two |
| 16 | 76-120 | 76-120-10 | M.S. Work for reinforcement with deformed M.S. bar, fy=414 N/mm², (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. 76-120-10: 8mm dia to 30mm dia | kg | 72.540 | 69.597 | Sixty-Nine point Five Nine Seven | 5048.566 | Five Thousand AND Forty-Eight point Five Six Six |
| 17 | 76-115 | 76-115-10 | M.S Work for reinforcement with Standard deformed bar fy=276 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. 76-115-10: 6mm dia . | kg | 15.740 | 63.621 | Sixty-Three point Six Two One | 1001.395 | One Thousand AND One point Three Nine Five |
| 18 | 28-200 | 28-200-10 | Reinforced cement concrete work in leanest mix. 1:1.5:3, with 20mm down graded coarse aggregates and sand of FM>2.0 to FM<=2.5, to attain a minimum 28 day cylinder strength of 22.0 N/mm², including breaking, screening, grading, washing aggregates with clean water, mixing, laying in forms, consolidation to levels, curing, including supply of all materials, excluding cost of M.S. work for reinforcements and formworks etc. complete and as per direction of Engineer in charge.28-200-10 with stone chips . | cum | 15.830 | 11514.214 | Eleven Thousand Five Hundred and Fourteen point Two One Four | 182270.008 | One Lakh Eighty-Two Thousand Two Hundred and Seventy point Zero Zero Eight |
| 19 | 04-110 | 04-110 | Fixing in position, boundary pillars/bench mark pillars/K.M. post etc. of size 110cm height, bottom dia 25cm and top dia 20cm, | each | 13.000 | 40.217 | Forty point Two | 522.821 | Five Hundred and Twenty |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 19 | 04-110 | 04-110 | embedded 45cm below G.L. including carriage, earth cutting, filling, ramming, etc. complete as per direction of Engineer in charge | each | 13.000 | 40.217 | One Seven | 522.821 | Twenty-Two point Eight Two One |
| | | | | | | | **Grand Total:** | 57842261.163 | Five Crore Seventy-Eight Lakh Forty-Two Thousand Two Hundred and Sixty-One point One Six Three |

| S. No. | Mapped Document Name | File Name | File Size(In Kb) |
|---|---|---|---|
| 1 | - | Analisis- 74327.pdf | 1135.84 |

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

**M/s. MT & SS Consortium**
**(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 | 430.000 | 281.647 | Two Hundred and Eighty-One point Six Four Seven | 121108.210 | One Lakh Twenty-One Thousand One Hundred and Eight point Two One |
| 02 | 16-650 | 16-650-20 | "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 | Cum | 29630.810 | 143.234 | One Hundred and Forty-Three point Two | 4244139.440 | Forty-Two Lakh Forty-Four Thousand One Hundred and |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | 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. 16-650-20 Embk. by Mech. Equipment; ht: 4 to 6m & above; 85% comp. " | | | | Three Four | | Thirty-Nine point Four Four |
| 03 | 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 includingbreaking 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 | 39507.750 | 336.451 | Three Hundred and Thirty-Six point Four Five One | 13292421.995 | One Crore Thirty-Two Lakh Ninety-Two Thousand Four Hundred and Twenty-One point Nine Nine Five |
| 04 | 16-120 | 16-120-10 | Earth work by manual labour in constructing/ resectioning of embankment/ canal bank/ road etc. compacted to 85%/90% maximum dry density at optimum moisture content, with reference to laboratory density test AAHSTO modified hammer, with clayey soil(minm 30% clay, 0-40% silt, 0-30% sand) within the initial lead of 30m and all lifts including throwing the spoils to profiles in layers not exceeding 230mm in thickness with clod breaking to a maximum size of 100mm, benching the side slopes, removing roots and stumps of trees of girth upto 200mm from the ground, stripping/ ploughing the base of embankment and borrow pit area, dug bailing, bail out of water, rough dressing | Cum | 29630.810 | 177.881 | One Hundred and Seventy-Seven point Eight Eight One | 5270758.114 | Fifty-Two Lakh Seventy Thousand Seven Hundred and Fifty-Eight point One One Four |

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|---|---|---|---|---|---|---|---|---|---|
| | | | 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. 16-120-10: 0 m to 3 m height with 85% compaction. | | | | | | |
| 05 | 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 = 3 x 14.57=43.71" | PldCum | 29630.810 | 42.385 | Forty-Two point Three Eight Five | 1255901.882 | Twelve Lakh Fifty-Five Thousand Nine Hundred and One point Eight Eight Two |
| 06 | 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 | 116277.280 | 25.373 | Twenty-Five point Three Seven Three | 2950303.425 | Twenty-Nine Lakh Fifty Thousand Three Hundred and Three point Four Two Five |
| 07 | 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 | 48856.000 | 4.339 | Four point Three Three Nine | 211986.184 | Two Lakh Eleven Thousand Nine Hundred and Eighty-Six point One Eight Four |
| 08 | 56-100 | 56-100 | Earth work in box cutting up to 1.00 m depth, in all kinds of soil with all leads, removing the spoils to a safe distance, including levelling and dressing, maintaining required cambering etc. complete, as per direction of Engineer in charge. | Cum | 5496.750 | 130.946 | One Hundred and Thirty point Nine Four Six | 719777.426 | Seven Lakh Nineteen Thousand Seven Hundred and Seventy-Seven point Four Two Six |
| | | | Construction of improved road sub-grade of sand (FM>=0.8) in maximum 150mm thick layer including dressing, | | | | Seven Hundred | | Seven Lakh Eighty-One Thousand Four |

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|---|---|---|---|---|---|---|---|---|---|
| 09 | 56-110 | 56-110 | levelling, ramming, watering, cambering and compacting to attain minimum CBR-8% by..drawing and direction of Engineer in charge (payment shall be made on compacted volume). | Cum | 1099.350 | 710.809 | and Ten point Eight Zero Nine | 781427.874 | Four Hundred and Twenty-Seven point Eight Seven Four |
| 10 | Analysis Rate/LGED | Analysis Rate/LGED | Preparetion of Bed by Cutting and filling including watering to bring moisture +- 2% of OMC & compacting by appropiate machanical meands etc to attain minimum compaction 98% oc MDD (standard) to obtain a minimum soaked CBR 4% etc all complete as per direction of the E-I-C. | sqm | 7329.000 | 11.007 | Eleven point Zero Zero Seven | 80670.303 | Eighty Thousand Six Hundred and Seventy point Three Zero Three |
| 11 | Analysis Rate | Analysis Rate | "Manufacturing and supplying C.C. blocks in leanest mix. 1:2:4. with cement, sand (FM>=1.5) and Stone Chips (40mm down graded) to attain a28 days cylinder strength of 15 N/mm² including grading, washing stonechips, mixing, laying in forms, consolidation, curing for at least 21 days, including preparation of platform, shuttering and stacking in measurablestacks etc. complete including supply of all materials (steel shutter to be used) as per direction of Engineer in charge. Block Size: 30x30x30" | each | 69626.000 | 327.196 | Three Hundred and Twenty-Seven point One Nine Six | 22781348.696 | Two Crore Twenty-Seven Lakh Eighty-One Thousand Three Hundred and Forty-Eight point Six Nine Six |
| 12 | Analysis Rate | Analysis Rate | "Manufacturing and supplying C.C. blocks in leanest mix. 1:2:4 with cement, sand (FM>=1.5) and Stone Chips (40mm down graded) to attain a28 days cylinder strength of 15 N/mm² including grading, washing stonechips, mixing, laying in forms, consolidation, curing for at least 21 days, including preparation of platform, shuttering and stacking in measurablestacks etc. complete including supply of all materials (steel shutter to be used) as per direction of Engineer in charge. Block Size: 100cm x 65cm x 10cm-15cm" | each | 4886.000 | 941.955 | Nine Hundred and Forty-One point Nine Five Five | 4602392.130 | Forty-Six Lakh Two Thousand Three Hundred and Ninety-Two point One Three |
| | | | Flush pointing to brick works, in sand cement mortar (sand of FM>=1.3), including scaffolding, curing, raking out joints, | | | | One Hundred and Fifty | | Eleven Lakh Fifty-Four Thousand Five |

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|---|---|---|---|---|---|---|---|---|---|
| 13 | 24-310 | 24-310-10 | clearing the surface etc. complete in all floors including the cost of all materials and as per direction of Engineer in charge.24-310-10 proportion 1:2 | sqm | 7329.000 | 157.529 | and Fifty-Seven point Five Two Nine | 1154530.041 | Five Hundred and Thirty point Zero Four One |
| 14 | 40-220 | 40-220-20 | Labour charge for protective works in laying CC blocks of different sizes including preparation of base, watering and ramming of base etc. complete as per direction of Engineer in charge. 40-220-20 Beyond 200 m. | Cum | 2276.890 | 1965.361 | One Thousand Nine Hundred and Sixty-Five point Three Six One | 4474910.807 | Forty-Four Lakh Seventy-Four Thousand Nine Hundred and Ten point Eight Zero Seven |
| 15 | 36-150 | 36-150-10 | "Formwork for centering and water tight shuttering as per drawing with 14 BWG M.S. sheet, fitted and fixed with 40mmx40mmx6mm M.S. angle frame and 25mmx6mm F.I. bar stiffener, with necessary fabrication, welding, making the forms including fitting, fixing of steel forms with necessary ties, battens, struts, nuts & bolts, props etc. as per desired shape and size including levelling and removing the forms after specified period including the cost of all materials as per direction of Engineer in charge. 36-150-10: Vertical and inclined walls, columns, piers with 60-80mm dia barrack bamboo props. " | sqm | 15.820 | 882.007 | Eight Hundred and Eighty-Two point Zero Zero Seven | 13953.351 | Thirteen Thousand Nine Hundred and Fifty-Three point Three Five One |
| 16 | 76-120 | 76-120-10 | M.S. Work for reinforcement with deformed M.S. bar, fy=414 N/mm², (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. 76-120-10: 8mm dia to 30mm dia | kg | 72.540 | 74.989 | Seventy-Four point Nine Eight Nine | 5439.702 | Five Thousand Four Hundred and Thirty-Nine point Seven Zero Two |
| 17 | 76-115 | 76-115-10 | M.S Work for reinforcement with Standard deformed bar fy=276 N/mm^2 in RCC works including local handling, cutting, forging,bending,cleaning and fabrication with supply of deformed | kg | 15.740 | 72.107 | Seventy-Two point | 1134.964 | One Thousand One Hundred and |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 17 | 76-115 | 76-115-10 | 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. 76-115-10: 6mm dia . | kg | 15.740 | 72.107 | One Zero Seven | 1134.964 | Thirty-Four point Nine Six Four |
| 18 | 28-200 | 28-200-10 | Reinforced cement concrete work in leanest mix. 1:1.5:3, with 20mm down graded coarse aggregates and sand of FM>2.0 to FM<=2.5, to attain a minimum 28 day cylinder strength of 22.0 N/mm², including breaking, screening, grading, washing aggregates with clean water, mixing, laying in forms, consolidation to levels, curing, including supply of all materials, excluding cost of M.S. work for reinforcements and formworks etc. complete and as per direction of Engineer in charge.28-200-10 with stone chips . | cum | 15.830 | 11323.083 | Eleven Thousand Three Hundred and Twenty-Three point Zero Eight Three | 179244.404 | One Lakh Seventy-Nine Thousand Two Hundred and Forty-Four point Four Zero Four |
| 19 | 04-110 | 04-110 | Fixing in position, boundary pillars/bench mark pillars/K.M. post etc. of size 110cm height, bottom dia 25cm and top dia 20cm, embedded 45cm below G.L. including carriage, earth cutting, filling, ramming, etc. complete as per direction of Engineer in charge | each | 13.000 | 46.449 | Forty-Six point Four Four Nine | 603.837 | Six Hundred and Three point Eight Three Seven |
| | | | | | | | **Grand Total:** | 62142052.785 | Six Crore Twenty-One Lakh Forty-Two Thousand AND Fifty-Two point Seven Eight Five |

This Bill of Quantities 01 is Electronically Signed by Mr. Md on behalf of M/s. MT & SS Consortium

**SA-SI & Israt Enterprise 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 | 16-100 | 16-100 | Erection of bamboo profile with full bamboo posts and pegs not less than 60mm in diameter | each | 430.000 | 212.365 | Two Hundred and Twelve | 91316.950 | Ninety-One Thousand Three Hundred |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Embankment ) | 16-100 | 16-100 | and coir strings etc. complete as per direction of Engineer in charge. | each | 430.000 | 212.365 | Twelve point Three Six Five | 91316.950 | Hundred and Sixteen point Nine Five |
| 02 | 16-650 | 16-650-20 | "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 charge. 16-650-20 Embk. by Mech. Equipment; ht: 4 to 6m & above; 85% comp. " | Cum | 29630.810 | 140.139 | One Hundred and Forty point One Three Nine | 4152432.083 | Forty-One Lakh Fifty-Two Thousand Four Hundred and Thirty-Two point Zero Eight Three |
| 03 | 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 includingbreaking 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 | 39507.750 | 284.162 | Two Hundred and Eighty-Four point One Six Two | 11226601.256 | One Crore Twelve Lakh Twenty-Six Thousand Six Hundred and One point Two Five Six |

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|---|---|---|---|---|---|---|---|---|---|
| 04 | 16-120 | 16-120-10 | Earth work by manual labour in constructing/ resectioning of embankment/ canal bank/ road etc. compacted to 85%/90% maximum dry density at optimum moisture content, with reference to laboratory density test AAHSTO modified hammer, with clayey soil(minm 30% clay, 0-40% silt, 0-30% sand) within the initial lead of 30m and all lifts including throwing the spoils to profiles in layers not exceeding 230mm in thickness with clod breaking to a maximum size of 100mm, benching the side slopes, removing roots and stumps of trees of girth upto 200mm from the ground, stripping/ ploughing the base of embankment and borrow pit area, 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. 16-120-10: 0 m to 3 m height with 85% compaction. | Cum | 29630.810 | 176.042 | One Hundred and Seventy-Six point Zero Four Two | 5216267.054 | Fifty-Two Lakh Sixteen Thousand Two Hundred and Sixty-Seven point Zero Five Four |
| 05 | 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 = 3 x 14.57=43.71" | PldCum | 29630.810 | 42.417 | Forty-Two point Four One Seven | 1256850.068 | Twelve Lakh Fifty-Six Thousand Eight Hundred and Fifty point Zero Six Eight |
| 06 | 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 | Sqm | 116277.280 | 26.018 | Twenty-Six point Zero One Eight | 3025302.271 | Thirty Lakh Twenty-Five Thousand Three Hundred and Two point Two Seven One |

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| | | | charge. | | | | | | |
| 07 | 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 | 48856.000 | 4.359 | Four point Three Five Nine | 212963.304 | Two Lakh Twelve Thousand Nine Hundred and Sixty-Three point Three Zero Four |
| 08 | 56-100 | 56-100 | Earth work in box cutting up to 1.00 m depth, in all kinds of soil with all leads, removing the spoils to a safe distance, including levelling and dressing, maintaining required cambering etc. complete, as per direction of Engineer in charge. | Cum | 5496.750 | 130.949 | One Hundred and Thirty point Nine Four Nine | 719793.916 | Seven Lakh Nineteen Thousand Seven Hundred and Ninety-Three point Nine One Six |
| 09 | 56-110 | 56-110 | Construction of improved road sub-grade of sand (FM>=0.8) in maximum 150mm thick layer including dressing, levelling, ramming, watering, cambering and compacting to attain minimum CBR-8% by..drawing and direction of Engineer in charge (payment shall be made on compacted volume). | Cum | 1099.350 | 665.878 | Six Hundred and Sixty-Five point Eight Seven Eight | 732032.979 | Seven Lakh Thirty-Two Thousand AND Thirty-Two point Nine Seven Nine |
| 10 | Analysis Rate/LGED | Analysis Rate/LGED | Preparetion of Bed by Cutting and filling including watering to bring moisture +- 2% of OMC & compacting by appropiate machanical meands etc to attain minimum compaction 98% oc MDD (standard) to obtain a minimum soaked CBR 4% etc all complete as per direction of the E-I-C. | sqm | 7329.000 | 10.486 | Ten point Four Eight Six | 76851.894 | Seventy-Six Thousand Eight Hundred and Fifty-One point Eight Nine Four |
| 11 | Analysis Rate | Analysis Rate | "Manufacturing and supplying C.C. blocks in leanest mix. 1:2:4. with cement, sand (FM>=1.5) and Stone Chips (40mm down graded) to attain a28 days cylinder strength of 15 N/mm² including grading, washing stonechips, mixing, laying in forms, consolidation, curing for at least 21 days, including preparation of platform, shuttering and stacking in measurablestacks etc. complete including supply of all materials (steel shutter to be used) as per direction of Engineer in charge. | each | 69626.000 | 303.243 | Three Hundred and Three point Two Four Three | 21113597.118 | Two Crore Eleven Lakh Thirteen Thousand Five Hundred and Ninety-Seven point One One Eight |

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|---|---|---|---|---|---|---|---|---|---|
| | | | Block Size: 30x30x30" | | | | | | |
| 12 | Analysis Rate | Analysis Rate | "Manufacturing and supplying C.C. blocks in leanest mix. 1:2:4 with cement, sand (FM>=1.5) and Stone Chips (40mm down graded) to attain a28 days cylinder strength of 15 N/mm² including grading, washing stonechips, mixing, laying in forms, consolidation, curing for at least 21 days, including preparation of platform, shuttering and stacking in measurablestacks etc. complete including supply of all materials (steel shutter to be used) as per direction of Engineer in charge. Block Size: 100cm x 65cm x 10cm-15cm" | each | 4886.000 | 874.169 | Eight Hundred and Seventy-Four point One Six Nine | 4271189.734 | Forty-Two Lakh Seventy-One Thousand One Hundred and Eighty-Nine point Seven Three Four |
| 13 | 24-310 | 24-310-10 | Flush pointing to brick works, in sand cement mortar (sand of FM>=1.3), including scaffolding, curing, raking out joints, clearing the surface etc. complete in all floors including the cost of all materials and as per direction of Engineer in charge.24-310-10 proportion 1:2 | sqm | 7329.000 | 146.133 | One Hundred and Forty-Six point One Three Three | 1071008.757 | Ten Lakh Seventy-One Thousand AND Eight point Seven Five Seven |
| 14 | 40-220 | 40-220-20 | Labour charge for protective works in laying CC blocks of different sizes including preparation of base, watering and ramming of base etc. complete as per direction of Engineer in charge. 40-220-20 Beyond 200 m. | Cum | 2276.890 | 1924.336 | One Thousand Nine Hundred and Twenty-Four point Three Three Six | 4381501.395 | Forty-Three Lakh Eighty-One Thousand Five Hundred and One point Three Nine Five |
| 15 | 36-150 | 36-150-10 | "Formwork for centering and water tight shuttering as per drawing with 14 BWG M.S. sheet, fitted and fixed with 40mmx40mmx6mm M.S. angle frame and 25mmx6mm F.I. bar stiffener, with necessary fabrication, welding, making the forms including fitting, fixing of steel forms with necessary ties, battens, struts, nuts & bolts, props etc. as per desired shape and size including levelling and removing the forms after specified period including the cost of all materials as per direction of Engineer in charge. 36-150-10: Vertical and inclined walls, columns, piers | sqm | 15.820 | 788.178 | Seven Hundred and Eighty-Eight point One Seven Eight | 12468.976 | Twelve Thousand Four Hundred and Sixty-Eight point Nine Seven Six |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | with 60-80mm dia barrack bamboo props. " | | | | | | |
| 16 | 76-120 | 76-120-10 | M.S. Work for reinforcement with deformed M.S. bar, fy=414 N/mm², (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. 76-120-10: 8mm dia to 30mm dia | kg | 72.540 | 71.349 | Seventy-One point Three Four Nine | 5175.656 | Five Thousand One Hundred and Seventy-Five point Six Five Six |
| 17 | 76-115 | 76-115-10 | M.S Work for reinforcement with Standard deformed bar fy=276 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. 76-115-10: 6mm dia . | kg | 15.740 | 68.958 | Sixty-Eight point Nine Five Eight | 1085.399 | One Thousand AND Eighty-Five point Three Nine Nine |
| 18 | 28-200 | 28-200-10 | Reinforced cement concrete work in leanest mix. 1:1.5:3, with 20mm down graded coarse aggregates and sand of FM>2.0 to FM<=2.5, to attain a minimum 28 day cylinder strength of 22.0 N/mm², including breaking, screening, grading, washing aggregates with clean water, mixing, laying in forms, consolidation to levels, curing, including supply of all materials, excluding cost of M.S. work for reinforcements and formworks etc. complete and as per direction of Engineer in charge.28-200-10 with stone chips . | cum | 15.830 | 10650.239 | Ten Thousand Six Hundred and Fifty point Two Three Nine | 168593.283 | One Lakh Sixty-Eight Thousand Five Hundred and Ninety-Three point Two Eight Three |
| 19 | 04-110 | 04-110 | Fixing in position, boundary pillars/bench mark pillars/K.M. post etc. of size 110cm height, bottom dia 25cm and top dia 20cm, embedded 45cm below G.L. including carriage, earth cutting, filling, ramming, etc. complete as per direction of Engineer in charge | each | 13.000 | 44.183 | Forty-Four point One Eight Three | 574.379 | Five Hundred and Seventy-Four point Three Seven Nine |
| | | | | | | | | | Five Crore |

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|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | **Grand Total:** | 57735606.472 | Seventy-Seven Lakh Thirty-Five Thousand Six Hundred and Six point Four Seven Two |

| S. No. | Mapped Document Name | File Name | File Size(In Kb) |
|---|---|---|---|
| 1 | - | Analysis Template_ Id No. 74327....pdf | 1211.59 |

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