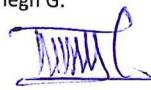


| ITEM NO | DESCRIPTION | UNIT | 2017 2nd Quarter (Only Direct cost) |
|---------|---|----------------|-------------------------------------|
| 1.1 | Load and cart away all demolishing & dismantling material to an appropriate tip. (Manually) | | |
| 1.1.1 | Demolishing the lamera wall | m ² | 96.11 |
| 1.1.2 | Demolishing the existing CIS wall | m ² | 19.11 |
| 1.1.3 | Demolishing of wooden wall | m ² | 108.86 |
| 1.1.4 | Demolishing of gypsum wall | m ² | 54.43 |
| 1.1.5 | Demolishing the CIS roof | m ² | 30.57 |
| 1.1.6 | Demolishing of 7x5 cm zigba purline | ml | 15.29 |
| 1.1.7 | Demolishing of eucalyptus upper & lower chords | ml | 48.69 |
| 1.1.8 | Dimolish RHS purline | ml | 24.03 |
| 1.1.9 | Dimolishing the RHS truss. | ml | 59.60 |
| 1.1.10 | Desmantling Gutter | ml | 19.84 |
| 1.1.11 | Desmantling down pipe | ml | 36.02 |
| 1.1.12 | Demolishing the chipwood ceiling | m ² | 64.03 |
| 1.1.13 | Demolishing the tember ceiling | m ² | 88.93 |
| 1.1.14 | Demolishing the abujedid ceiling | m ² | 22.23 |
| 1.1.15 | Dismantle the metal doors from the wall. | m ² | 113.21 |
| 1.1.16 | Dismantle the metal windows from the wall. | m ² | 101.89 |
| 1.1.17 | Desmantling fascia board | ml | 27.16 |
| 1.1.18 | Desmantling ridge & coppering | ml | 39.69 |
| 1.1.19 | Demolishing the PVC floor tile | m ² | 28.26 |
| 1.1.20 | Demolishing kitchen sink | pcs | 43.24 |
| 1.1.21 | Demolishing toilet WC,HW,turkish seat | pcs | 129.72 |
| 1.1.22 | Desmantling of wooden door & window | m ² | 86.46 |
| 1.2 | Demolishing Work of different structures N.B. price include clearing the working area & dispose debri as indicated the supervisour | | |
| 1.2.1 | Masonry Structure (BGL) | m ³ | 387.93 |
| 1.2.2 | Masonry Structure (AGL) | m ³ | 517.23 |
| 1.2.3 | Demolishing of 25cm thick hardcore | m ² | 36.15 |
| 1.2.4 | Concrete Structures | m ³ | 1,705.15 |
| 1.2.5 | 10cm thick HCB Structure | m ² | 36.90 |
| 1.2.6 | 15cm thick HCB Structure | m ² | .49.04 |
| 1.2.7 | 20cm thick HCB Structure | m ² | 68.65 |
| 1.2.8 | Terrazzo floor | m ² | 76.28 |
| 1.2.9 | Cement screed floor | m ² | 17.16 |
| 1.2.10 | 8cm thick Mass concrete floor | m ² | 22.88 |
| 1.2.11 | 30x120x3cm thick marble tread | pcs | 150.41 |
| 1.2.12 | 15x120x3cm thick marble riser | pcs | 112.81 |
| 1.2.13 | Steel Structure | Kg | 5.78 |
| 1.2.14 | Demolishing the ceramic wall tile | m ² | 76.28 |
| 1.2.15 | Demolishing the ceramic floor tile (6 & 8 mm thick) <i>(From 1st -3rd floor)</i> | m ² | 85.82 |
| 1.2.16 | Concrete Structures | m ³ | 2,151.81 |
| 1.2.17 | 10cm thick HCB Structure | m ² | 51.93 |
| 1.2.18 | 15cm thick HCB Structure | m ² | 66.77 |
| 1.2.19 | 20cm thick HCB Structure | m ² | 93.47 |
| 1.2.20 | Terrazzo floor | m ² | 100.00 |
| 1.2.21 | Cement screed floor | m ² | 22.50 |
| 1.2.22 | 30x120x3cm thick marble tread | m ² | 185.98 |
| 1.2.23 | 15x120x3cm thick marble riser | m ² | 139.49 |
| 1.2.24 | Steel Structure | kg | 7.45 |
| 1.2.25 | Demolishing the ceramic wall tile | m ² | 100.00 |
| 1.2.26 | Demolishing the ceramic floor tile (6 & 8 mm thick) <i>(From 4th -7th floor)</i> | m ² | 112.50 |
| 1.2.27 | Concrete Structures | m ³ | 2,685.42 |
| 1.2.28 | 10cm thick HCB Structure | m ² | 53.75 |
| 1.2.29 | 15cm thick HCB Structure | m ² | 69.10 |
| 1.2.30 | 20cm thick HCB Structure | m ² | 96.74 |

Prepared by:- Mulu T. 

Checked by:- Gezahegn G.



Approved by:- Hirut A.



| ITEM NO | DESCRIPTION | UNIT | 2017 1st Quarter (Only Direct cost) |
|------------|---|----------------|-------------------------------------|
| 1.2.27 | Terrazzo floor | m ² | 107.49 |
| 1.2.28 | Cement screed floor | m ² | 24.19 |
| 1.2.29 | 30x120x3cm thick marble tread | m ² | 215.76 |
| 1.2.30 | 15x120x3cm thick marble riser | m ² | 161.82 |
| 1.2.31 | Steel Structure | kg | 11.30 |
| 1.2.32 | Demolishing the ceramic wall tile | m ² | 123.71 |
| 1.2.33 | Demolishing the ceramic floor tile (6 & 8 mm thick) (From 8th -12th floor) | m ² | 139.18 |
| 1.2.32 | Concrete Structures | m ³ | 3,219.03 |
| 1.2.33 | 10cm thick HCB Structure | m ² | 76.76 |
| 1.2.34 | 15cm thick HCB Structure | m ² | 84.35 |
| 1.2.35 | 20cm thick HCB Structure | m ² | 118.09 |
| 1.2.36 | Terrazzo floor | m ² | 131.21 |
| 1.2.37 | Cement screed floor | m ² | 29.52 |
| 1.2.38 | 30x120x3cm thick marble tread | m ² | 251.33 |
| 1.2.39 | 15x120x3cm thick marble riser | pcs | 188.50 |
| 1.2.40 | Steel Structure | kg | 11.32 |
| 1.2.41 | Demolishing the ceramic wall tile | m ² | 147.43 |
| 1.2.42 | Demolishing the ceramic floor tile (6 & 8 mm thick) (From 13th -20th floor) | m ² | 165.86 |
| 1.2.41 | Concrete Structures | m ³ | 3,752.64 |
| 1.2.42 | 10cm thick HCB Structure | m ² | 77.46 |
| 1.2.43 | 15cm thick HCB Structure | m ² | 99.60 |
| 1.2.44 | 20cm thick HCB Structure | m ² | 139.43 |
| 1.2.45 | Terrazzo floor | m ² | 154.93 |
| 1.2.46 | Cement screed floor | m ² | 34.86 |
| 1.2.47 | 30x120x3cm thick marble tread | m ² | 286.91 |
| 1.2.48 | 15x120x3cm thick marble riser | pcs | 215.18 |
| 1.2.49 | Steel Structure | kg | 12.99 |
| 1.2.50 | Demolishing the ceramic wall tile | m ² | 171.14 |
| 1.2.51 | Demolishing the ceramic floor tile (6 & 8 mm thick) | m ² | 192.54 |
| 2 | Excavation and earth work /የእራት ቁጥር / | | |
| 2.1 | Site clearance and excavation (mechanized) | | |
| 2.1.1 | 20cm. Clearing on wet & black soil. | m ² | 65.64 |
| 2.2 | Bulk excavation in loose & dry soil | | |
| 2.2.1 | to a depth not exceeding 1.5m | m ³ | 183.70 |
| 2.2.2 | to a depth exceeding 1.50m but not exceeding 3.00m | m ³ | 225.18 |
| 2.2.3 | to a depth exceeding 3.00m but not exceeding 4.50m | m ³ | 272.68 |
| 2.2.4 | to a depth exceeding 4.50m but not exceeding 6.00m | m ³ | 311.63 |
| 2.2.5 | to a depth exceeding 6.00m but not exceeding 7.50m | m ³ | 363.57 |
| 2.2.6 | to a depth exceeding 7.50m but not exceeding 9.00m | m ³ | 436.28 |
| 2.2.7 | to a depth exceeding 9.00m but not exceeding 10.50m | m ³ | 484.76 |
| 2.3 | Pit excavation in loose & dry soil | | |
| 2.3.1 | to a depth not exceeding 1500cm loose and dry soil. | m ³ | 207.75 |
| 2.3.2 | to a depth exceeding 1500cm but not exceeding 3000mm | m ³ | 237.43 |
| 2.3.3 | to a depth exceeding 3000cm but not exceeding 4500mm | m ³ | 277.00 |
| 2.3.4 | to a depth exceeding 4500cm but not exceeding 6000mm | m ³ | 332.41 |
| 2.3.5 | to a depth exceeding 6000cm but not exceeding 7500mm | m ³ | 415.51 |
| 2.3.6 | to a depth exceeding 7500cm but not exceeding 9000mm | m ³ | 524.85 |
| 2.3.7 | to a depth exceeding 9000cm but not exceeding 10500mm | m ³ | 712.30 |
| 2.4 | Bulk excavation in soft rock | | |
| 2.4.1 | not exceeding 1.5m | m ³ | 413.50 |
| 2.4.2 | Over 1.5.0m,not exceeding 3m | m ³ | 486.99 |
| 2.4.3 | Over 3.0m,not exceeding 4.5m | m ³ | 590.77 |
| 2.4.4 | Over 4.5m,not exceeding 6.0m | m ³ | 843.96 |
| 2.4.5 | Over 6.0m,not exceeding 7.5m | m ³ | 1,205.65 |
| 2.4.6 | Over 7.5m,not exceeding 9.0m | m ³ | 1,722.36 |
| 2.4.7 | Over 9.0m,not exceeding 10.5m | m ³ | 2,460.51 |

Prepared by:- Mulu T. 

Checked by:- Gezabegn G.

Approved by:- Hirut A.



| ITEM NO | DESCRIPTION | UNIT | 2017 1st Quarter (Only Direct cost) |
|------------|--|----------------|-------------------------------------|
| 2.5 | Pit excavation in soft rock | | |
| 2.5.1 | not exceeding 1.5m | m ³ | 514.58 |
| 2.5.2 | Over 1.5.0m,not exceeding 3m | m ³ | 565.47 |
| 2.5.3 | Over 3.0m,not exceeding 4.5m | m ³ | 700.10 |
| 2.5.4 | Over 4.5.0m,not exceeding 6m | m ³ | 1,000.15 |
| 2.5.5 | Over 6m,not exceeding 7.5m | m ³ | 1,428.78 |
| 2.5.6 | Over 7.5m,not exceeding 9m | m ³ | 2,041.12 |
| 2.5.7 | Over 9m,not exceeding 10.5m | m ³ | 2,915.88 |
| 2.6 | Bulk excavation in hard rock | | |
| 2.6.1 | not exceeding 1.50m | m ³ | 876.59 |
| 2.6.2 | Over 1.5m,not exceeding 3m | m ³ | 1,093.22 |
| 2.6.3 | Over 3.0m,not exceeding 4.5m | m ³ | 1,314.09 |
| 2.6.4 | Over 4.5m,not exceeding 6.0m | m ³ | 1,788.96 |
| 2.6.5 | Over 6.0m,not exceeding 7.5m | m ³ | 2,236.20 |
| 2.6.6 | Over 7.5m,not exceeding 9.0m | m ³ | 2,795.25 |
| 2.6.7 | Over 9.0m,not exceeding 10.5m | m ³ | 3,288.53 |
| 2.7 | Pit excavation in hard rock | | |
| 2.7.1 | not exceeding 1.50m | m ³ | 1,029.15 |
| 2.7.2 | Over 1.5m,not exceeding 3m | m ³ | 1,272.30 |
| 2.7.3 | Over 3.0m,not exceeding 4.5m | m ³ | 1,653.99 |
| 2.7.4 | Over 4.5m,not exceeding 6m | m ³ | 2,250.33 |
| 2.7.5 | Over 6.0m,not exceeding 7.5m | m ³ | 3,214.76 |
| 2.7.6 | Over 7.5m,not exceeding 9m | m ³ | 4,592.51 |
| 2.7.7 | Over 9m,not exceeding 10.5m | m ³ | 6,560.73 |
| 2.8 | Back fill | | |
| 2.8.1 | Back fill selected excavated mats. from the site.(mechanized) | m ³ | 681.75 |
| 2.8.2 | Back fill selected excavated mats. from out side the site. (Upto 20km from Quarry site as long as Project Site) (Mechanized) | m ³ | 1,822.66 |
| 2.8.3 | Back fill selected excavated mats. from out side the site. (Upto 15km from Quarry site as long as Project Site) (Mechanized) | m ³ | 1,564.81 |
| 2.8.4 | Back fill selected excavated mats. from out side the site. (Upto 10km from Quarry site as long as Project Site) (Mechanized) | m ³ | 1,398.23 |
| 2.8.5 | Back fill selected excavated mats. from out side the site. (Upto 5km from Quarry site as long as Project Site) (Mechanized) | m ³ | 1,231.65 |
| 2.8.6 | 25cm. thick basaltic hard core. (Mechanized) | m ² | 643.37 |
| 3 | EXCAVATION AND EARTH WORK. (manual) | | |
| | 20cm. Clearing on wet & black soil. | m ² | 65.64 |
| 3.1 | Bulk excav.in loose and dry soil. | | |
| 3.1.1 | to a depth not exceeding 1500mm | m ³ | 478.83 |
| 3.1.2 | to a depth exceeding 1500mm but not exceeding 3000mm | m ³ | 552.50 |
| 3.1.3 | to a depth exceeding 3000mm but not exceeding 4500mm | m ³ | 624.56 |
| 3.2 | Bulk excav.in soft rock. | | |
| 3.2.1 | not exceeding 1.5m | m ³ | 958.94 |
| 3.2.2 | Over 1.5.0m,not exceeding 3m | m ³ | 1,078.81 |
| 3.2.3 | Over 3.0m,not exceeding 4.5m | m ³ | 1,327.76 |
| 3.3 | Bulk excav.in hard rock. | | |
| 3.3.1 | not exceeding 1.50m | m ³ | 1,726.09 |
| 3.3.2 | Over 1.5m,not exceeding 3m | m ³ | 2,024.65 |
| 3.3.3 | Over 3.0m,not exceeding 4.5m | m ³ | 3,114.84 |
| 3.4 | Pit & Trench excav. in loose and dry soil. | | |
| 3.4.1 | not exceeding 1500cm | m ³ | 532.04 |
| 3.4.2 | to a depth exceeding 1500cm but not exceeding 3000mm | m ³ | 652.95 |
| 3.4.3 | to a depth exceeding 3000cm but not exceeding 4500mm | m ³ | 897.81 |
| 3.5 | Pit & Trench excav. in soft rock | | |
| 3.5.1 | not exceeding 1.5m | m ³ | 1,150.73 |
| 3.5.2 | Over 1.5.0m,not exceeding 3m | m ³ | 1,438.41 |
| 3.5.3 | Over 3.0m,not exceeding 4.5m | m ³ | 1,726.09 |

Prepared by:- Mulu T. 

Checked by:- Gezahagn G. 

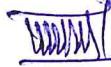
Approved by:- Hirut A. 

| ITEM NO | DESCRIPTION | UNIT | 2017 1st Quarter (Only Direct cost) |
|------------|--|----------------|-------------------------------------|
| 3.6 | Pit Excavation in hard rock | | |
| 3.6.1 | not exceeding 1.5m | m ³ | 1,917.88 |
| 3.6.2 | Over 1.5m,not exceeding 3m | m ³ | 2,214.50 |
| 3.6.3 | Over 3m,not exceeding 4.5m | m ³ | 3,856.47 |
| 3.6 | Trench Excavation in hard rock | | |
| 3.6.1 | not exceeding 1.5m | m ³ | 2,212.94 |
| 3.6.2 | Over 1.5m,not exceeding 3m | m ³ | 2,976.02 |
| 3.6.3 | Over 3m,not exceeding 4.5m | m ³ | 5,076.74 |
| 3.7 | Back fill | | |
| 3.7.1 | Back fill selected excavated mats. from the site. (Manually) | m ³ | 592.82 |
| 3.7.2 | Back fill selected excavated mats. from out side the site. (Upto 20km from Quarry site as long as Project Site) (Manually) | m ³ | 1,811.53 |
| 3.7.3 | Back fill selected excavated mats. from out side the site. (Upto 15km from Quarry site as long as Project Site) (Manually) | m ³ | 1,553.68 |
| 3.7.4 | Back fill selected excavated mats. from out side the site. (Upto 10km from Quarry site as long as Project Site) (Manually) | m ³ | 1,387.10 |
| 3.7.5 | Back fill selected excavated mats. from out side the site. (Upto 5km from Quarry site as long as Project Site) (Manually) | m ³ | 1,220.53 |
| 3.7.3 | Load and Cart away surplus excavated materials to 5km | m ³ | 339.27 |
| 3.7.4 | Load and Cart away surplus excavated materials to 10km | m ³ | 339.27 |
| 3.7.5 | Load and Cart away surplus excavated materials to 15km | m ³ | 444.67 |
| 3.7.6 | Load and Cart away surplus excavated materials to 20km | m ³ | 550.07 |
| 3.7.6 | 25cm. thick basaltic hard core.(basaltic stone) (Manually) | m ² | 652.32 |
| 3.7.7 | Supply, Spread & Compact Red Ash. | m ³ | 2,108.12 |
| 4 | CONCRETE WORK | | |
| | SUB STRUCTURE | | |
| a | C-7 Lean Concrete (Hand mix) (C-7) | m ² | 392.44 |
| b | C-5 Lean Concrete (Hand mix) (C-5) | m ² | 369.99 |
| c | C-15 10cm thick mass concrete pavement cost include hard core & 7cm selected material. | m ² | 1,908.37 |
| d | Mortar production (1:3) | m ³ | 8,525.49 |
| e | Light Weight Concrete 1:2:5 | m ³ | 7,861.99 |
| f | 10cm Thick C-15 mass Concrete | m ² | 965.60 |
| g | Supply & Apply polymer modified Semi elastic cementitious coating or equivalent water proofing | m ² | 827.83 |
| h | Supply & Apply 4mm thick approved quality water proof membrane | m ² | 1,382.61 |
| i | 10mm thick stayroroam expansion joint between ground floor slab & beam. | ml | 117.64 |
| j | 20mm thick stayroroam expansion joint between ground floor slab & beam. | ml | 144.79 |
| k | GRP Water Tanker with all fitting accessories | m ³ | 70,000.00 |
| | SUB STRUCTURE | | |
| 4.1 | R.C. C-15 280 kg of cement per m3 with drum mixer | | |
| 4.1.1 | C-15 Concrete (Mechanical Mix) 1:2:4 with admixture | m ³ | 10,039.96 |
| 4.1.2 | C-15 Concrete (Mechanical Mix) 1:2:4 for Footing ,Beam and slab | m ³ | 9,655.96 |
| 4.1.3 | C-15 Concrete (Mechanical Mix) 1:2:4 for Column ,shear wall | m ³ | 10,052.51 |
| 4.2 | R.C. C-20 336 kg of cement per m3 with drum mixer | | |
| 4.2.1 | C-20 Concrete (Mechanical Mix) 1:2:3 with admixture | m ³ | 10,739.53 |
| 4.2.2 | C-20 Concrete (Mechanical Mix) 1:2:3 for Footing ,Beam and slab | m ³ | 10,355.53 |
| 4.2.3 | C-20 Concrete (Mechanical Mix) 1:2:3 for Column ,shear wall | m ³ | 10,751.90 |
| 4.3 | R.C. C-25 378 kg of cement per m3 with drum mixer | | |
| 4.3.1 | C-25 Concrete (Mechanical Mix) 1:2:3 with admixture | m ³ | 11,342.83 |
| 4.3.2 | C-25 Concrete (Mechanical Mix) 1:2:3 for Footing ,Beam and slab | m ³ | 10,958.83 |
| 4.3.3 | C-25 Concrete (Mechanical Mix) 1:2:3 for Column ,shear wall | m ³ | 11,355.20 |
| 4.3.4 | C-25 Concrete (Mechanical Mix) 1:2:3 for 10cm thick slab | m ² | 1,095.88 |
| 4.4 | R.C. C-30 420 kg of cement per m3 with drum mixer | | |
| 4.4.1 | C-30 Concrete (Mechanical Mix) 1:2:3 with admixture | m ³ | 12,042.22 |
| 4.4.2 | C-30 Concrete (Mechanical Mix) 1:2:3 for Footing ,Beam and slab | m ³ | 11,658.22 |
| 4.4.3 | C-30 Concrete (Mechanical Mix) 1:2:3 for Column ,shear wall | m ³ | 12,054.59 |

Prepared by:- Mulu T. 

Checked by:- Gezahagn G.

Approved by- Hirut A.



| ITEM NO | DESCRIPTION | UNIT | 2017 1st Quarter (Only Direct cost) |
|---------|---|----------------|-------------------------------------|
| | SUPER STRUCTURE | | |
| 4.7 | R.C. C-25 378 kg of cement per m3 with drum mixer | | |
| 4.7.1 | C-25 Concrete (Mechanical Mix) 1:2:3 with admixture | m ³ | 11,689.44 |
| 4.7.2 | C-25 Concrete (Mechanical Mix) 1:2:3 for Beam and slab | m ³ | 11,305.44 |
| 4.7.3 | C-25 Concrete (Mechanical Mix) 1:2:3 for Column ,shear wall | m ³ | 11,759.47 |
| 4.7.4 | C-25 Concrete (Mechanical Mix) 1:2:3 for Stair case | m ³ | 12,083.77 |
| 4.7.5 | C-25 Concrete (Mechanical Mix) 1:2:3 for 15cm thick slab | m ² | 1,643.82 |
| 4.7.6 | C-25 Concrete (Mechanical Mix) 1:2:3 for 18cm thick slab | m ² | 1,972.59 |
| 4.8 | R.C. C-30 420 kg of cement per m3 with drum mixer | | |
| 4.8.1 | C-30 Concrete (Mechanical Mix) 1:2:3 with admixture | m ³ | 12,388.83 |
| 4.8.2 | C-30 Concrete (Mechanical Mix) 1:2:3 for Beam and slab | m ³ | 12,004.83 |
| 4.8.3 | C-30 Concrete (Mechanical Mix) 1:2:3 for Column ,shear wall | m ³ | 12,458.86 |
| 4.8.4 | C-30 Concrete (Mechanical Mix) 1:2:3 for Stair case | m ³ | 12,783.17 |
| | READY MIX CONCRETE WITH STATIONARY PUMP | | |
| 4.13.6 | Supply and cast Reinforced concrete quality C-25,378 Kg of cement/ m ³ with water tight chemical in accordance with manufacturerTechnical data sheet instruction, filled into from work and vibrated around rod reinforcement (formwork and reinforcement measured separately). Ready-Mix To connect stationery Pump. Unit price Shall include Water tight & Concrete bondage chemicals as well as all the necessary works. | m ³ | 12,440.57 |
| 4.13.7 | Supply and cast Reinforced concrete quality C-30, 420 Kg of cement/ m ³ with water tight chemical in accordance with manufacturerTechnical data sheet instruction, filled into from work and vibrated around rod reinforcement (formwork and reinforcement measured separately). Ready-Mix To connect stationery Pump. Unit price Shall include Water tight & Concrete bondage chemicals as well as all the necessary works. | m ³ | 13,140.57 |
| 4.13.7 | Supply and cast Reinforced concrete quality C-40, 504 Kg of cement/ m ³ with water tight chemical in accordance with manufacturerTechnical data sheet instruction, filled into from work and vibrated around rod reinforcement (formwork and reinforcement measured separately). Ready-Mix To connect stationery Pump. Unit price Shall include Water tight & Concrete bondage chemicals as well as all the necessary works. | m ³ | 14,440.57 |
| | READY MIX CONCRETE WITHOUT STATIONARY PUMP | | |
| 4.13.6 | Supply and cast Reinforced concrete quality C-25,378 Kg of cement/ m ³ with water tight chemical in accordance with manufacturerTechnical data sheet instruction, filled into from work and vibrated around rod reinforcement (formwork and reinforcement measured separately) Ready-Mix. Unit price Shall include Water tight & Concrete bondage chemicals as well as all the necessary works. | m ³ | 12,140.57 |
| 4.13.7 | Supply and cast Reinforced concrete quality C-30, 420 Kg of cement/ m ³ with water tight chemical in accordance with manufacturerTechnical data sheet instruction, filled into from work and vibrated around rod reinforcement (formwork and reinforcement measured separately) Ready-Mix . Unit price Shall include Water tight & Concrete bondage chemicals as well as all the necessary works. | m ³ | 12,840.57 |
| 4.13.7 | Supply and cast Reinforced concrete quality C-40, 504 Kg of cement/ m ³ with water tight chemical in accordance with manufacturerTechnical data sheet instruction, filled into from work and vibrated around rod reinforcement (formwork and reinforcement measured separately) Ready-Mix. Unit price Shall include Water tight & Concrete bondage chemicals as well as all the necessary works. | m ³ | 14,140.57 |
| 4.14 | Form work | | |
| 4.14.1 | Wooden form work For Beam, Footing & Column. sub structure | m ² | 715.63 |
| 4.14.2 | Wooden form work For Super structure column ,Floor beam & slab. | m ² | 753.45 |
| 4.14.3 | 18mm thick Fair Faced Form work (high quality playwood) | m ² | 1,059.54 |

Prepared by:- Mulu T. 

Checked by:- Gezahégn G.



Approved by:- Hirut A. 

| ITEM NO | DESCRIPTION | UNIT | 2017 1st Quarter (Only Direct cost) |
|-------------|---|----------------|-------------------------------------|
| 4.15 | STEEL REINFORCEMENT | | |
| 4.16.1 | Local Re-Bar Grade 75: Dia. 6mm (Sub structure) | kg | 182.62 |
| 4.16.2 | Local Re-Bar Grade 75: Dia. 8mm (Sub structure) | kg | 151.40 |
| 4.16.3 | Local Re-Bar Grade 75: Dia. 10mm (Sub structure) | kg | 151.38 |
| 4.16.4 | Local Re-Bar Grade 75: Dia. 12mm (Sub structure) | kg | 146.01 |
| 4.16.5 | Local Re-Bar Grade 75: Dia. 14mm (Sub structure) | kg | 146.09 |
| 4.16.6 | Local Re-Bar Grade 75: Dia. 16mm (Sub structure) | kg | 146.07 |
| 4.16.7 | Local Re-Bar Grade 75: Dia. 20mm (Sub structure) | kg | 147.61 |
| 4.16.8 | Local Re-Bar Grade 75: Dia. 24mm (Sub structure) | kg | 143.63 |
| 4.16.2 | Local Re-Bar Grade 75: Dia. 32mm (Sub structure) | kg | 161.37 |
| 4.16.3 | Local Re-Bar Grade 75: Dia. 6mm (Super structure) | kg | 187.99 |
| 4.16.4 | Local Re-Bar Grade 75: Dia. 8mm (Super structure) | kg | 156.78 |
| 4.16.5 | Local Re-Bar Grade 75: Dia. 10mm (Super structure) | kg | 156.75 |
| 4.16.6 | Local Re-Bar Grade 75: Dia. 12mm (Super structure) | kg | 148.04 |
| 4.16.7 | Local Re-Bar Grade 75: Dia. 14mm (Super structure) | kg | 148.12 |
| 4.16.8 | Local Re-Bar Grade 75: Dia. 16mm (Super structure) | kg | 148.10 |
| 4.16.9 | Local Re-Bar Grade 75: Dia. 20mm (Super structure) | kg | 149.63 |
| 4.16.10 | Local Re-Bar Grade 75: Dia. 24mm (Super structure) | kg | 145.66 |
| 4.16.12 | Local Re-Bar Grade 75: Dia. 32mm (Super structure) | kg | 163.39 |
| 4.16.14 | Imported Re-Bar Grade 75: Dia. 8mm (Sub structure) | kg | 162.28 |
| 4.16.15 | Imported Re-Bar Grade 75: Dia. 10mm (Sub structure) | kg | 162.28 |
| 4.16.16 | Imported Re-Bar Grade 75: Dia. 12mm (Sub structure) | kg | 156.95 |
| 4.16.17 | Imported Re-Bar Grade 75: Dia. 14mm (Sub structure) | kg | 156.95 |
| 4.16.18 | Imported Re-Bar Grade 75: Dia. 16mm (Sub structure) | kg | 156.95 |
| 4.16.19 | Imported Re-Bar Grade 75: Dia. 20mm (Sub structure) | kg | 156.95 |
| 4.16.20 | Imported Re-Bar Grade 75: Dia. 24mm (Sub structure) | kg | 156.95 |
| 4.16.22 | Imported Re-Bar Grade 75: Dia. 32mm (Sub structure) | kg | 156.95 |
| 4.16.24 | Imported Re-Bar Grade 75: Dia. 8mm (Super structure) | kg | 167.65 |
| 4.16.25 | Imported Re-Bar Grade 75: Dia. 10mm (Super structure) | kg | 167.65 |
| 4.16.26 | Imported Re-Bar Grade 75: Dia. 12mm (Super structure) | kg | 158.97 |
| 4.16.27 | Imported Re-Bar Grade 75: Dia. 14mm (Super structure) | kg | 158.97 |
| 4.16.28 | Imported Re-Bar Grade 75: Dia. 16mm (Super structure) | kg | 158.97 |
| 4.16.29 | Imported Re-Bar Grade 75: Dia. 20mm (Super structure) | kg | 158.97 |
| 4.16.30 | Imported Re-Bar Grade 75: Dia. 24mm (Super structure) | kg | 158.97 |
| 4.16.32 | Imported Re-Bar Grade 75: Dia. 32mm (Super structure) | kg | 158.97 |
| 5 | Masonry & block work | | |
| 5.10 | 40cm. thick masonry foundation (A.G.L) Cement Mortar 1:3. | m ³ | 4,954.45 |
| 5.20 | 50cm. thick masonry foundation (A.G.L) Cement Mortar 1:3. | m ³ | 4,885.25 |
| 5.30 | 60cm. thick masonry foundation (B.G.L) Cement Mortar 1:3. | m ³ | 4,833.80 |
| 5.40 | 40cm. thick One Side Roughly Dressed Stone masonry (A.G.L) Cement Mortar 1:3. | m ³ | 5,379.73 |
| 5.50 | 50cm. thick One Side Roughly Dressed Stone masonry (A.G.L) Cement Mortar 1:3. | m ³ | 5,296.27 |
| 5.60 | 60cm. thick One Side Roughly Dressed Stone masonry (A.G.L) Cement Mortar 1:3. | m ³ | 5,235.86 |
| 5.70 | 50cm. thick masonry foundation (B.G.L) Cement Mortar 1:3. | m ³ | 4,575.37 |
| 5.80 | 40cm. thick masonry foundation (B.G.L) Cement Mortar 1:3. | m ³ | 4,805.09 |
| 5.90 | 400mm thick Finely dressed elevation wall Cement Mortar 1:3. | m ² | 2,247.82 |
| 5.10 | 500mm thick Finely dressed elevation wall Cement Mortar 1:3. | m ² | 3,022.02 |
| 5.13 | 10 cm. thick class-c HCB Wall Both Sides Left For Plastering. | m ² | 704.69 |
| 5.14 | 10 cm. thick class-c Solid CB Wall Both Sides Left For Plastering. | m ² | 761.13 |
| 5.15 | 15 cm. thick class-c HCB Wall Both Sides Left For Plastering. | m ² | 875.51 |
| 5.16 | 15 cm. thick class-c Solid CB Wall Both Sides Left For Plastering. | m ² | 927.64 |
| 5.17 | 20 cm. thick class-c HCB Wall Both Sides Left For Pointing | m ² | 1,025.36 |
| 5.18 | 20 cm. thick class-c Solid CB Wall Both Sides Left For Plastering. | m ² | 1,112.98 |
| 5.19 | 10 cm. thick class-b HCB Wall Both Sides Left For Plastering. | m ² | 801.11 |
| 5.20 | 10 cm. thick class-b Solid CB Wall Both Sides Left For Plastering. | m ² | 906.67 |
| 5.21 | 15 cm. thick class-b HCB Wall Both Sides Left For Plastering. | m ² | 999.07 |

Prepared by:- Mulu T. 

Checked by:- Gezahegn G.

Approved by:- Hirut A.



| ITEM NO | DESCRIPTION | UNIT | 2017 1st Quarter (Only Direct cost) |
|---------|---|----------------|-------------------------------------|
| 5.22 | 15 cm. thick class-b Solid CB Wall Both Sides Left For Plastering. | m ² | 1,211.25 |
| 5.23 | 20 cm.thick class-b HCB Wall Both Sides Left For Pointing | m ² | 1,323.15 |
| 5.24 | 20 cm. thick class-b Solid CB Wall Both Sides Left For Plastering. | m ² | 1,553.89 |
| 5.25 | 10 cm. thick class-a HCB Wall Both Sides Left For Plastering. | m ² | 1,005.91 |
| 5.26 | 10 cm. thick class-a Solid CB Wall Both Sides Left For Plastering. | m ² | 1,208.20 |
| 5.27 | 15 cm. thick class-a HCB Wall Both Sides Left For Plastering. | m ² | 1,292.74 |
| 5.28 | 15 cm. thick class-a Solid CB Wall Both Sides Left For Plastering. | m ² | 1,572.28 |
| 5.29 | 20 cm.thick class-a HCB Wall Both Sides Left For Pointing | m ² | 1,372.19 |
| 5.30 | 20 cm. thick class-a Solid CB Wall Both Sides Left For Plastering. | m ² | 1,997.50 |
| 5.31 | 40 cm.thick Dressed Stone Masonry Wall one Side well dressed & the other plastered | m ² | 3,870.77 |
| 5.32 | 250mm .thick Double Brick Wall | m ² | 3,474.91 |
| 5.33 | 120mm .thick Single Brick Wall | m ² | 1,807.29 |
| 5.35 | Chika wall with all wood work /አንድት በቻቃቄ ማድባት / | m ² | 787.53 |
| 5.36 | Eucalyptus wood wall with all wood work /አንድት ማድባት / | m ² | 481.53 |
| 5.37 | 2.5cm thick Timber wall with 10cm & 6cm dia. Eucalyptus and all wood work/አንድ ጥዔር ማድባት/ | m ² | 1,107.74 |
| 5.38 | G32 CIS with Euculyptus /አላጥር የሚሆን ቅርቡ እናንድት ማድባት/ | m ² | 1,149.86 |
| 5.39 | 8mm thick Chipwood wall with Eucalyptus dia.10cm and 5x7cm shashemene batten. | m ² | 813.52 |
| 5.40 | 18mm thick Laminated MDF Wall with 5x7cm Shashemene batten wood work and all necessary work. | m ² | 1,890.38 |
| 5.41 | Only 18mm thick Laminated MDF Wall. | m ² | 1,479.81 |
| 5.42 | 30x30x2mm RHS wall with 4mm clear glass. | m ² | 2,948.36 |
| 5.43 | 20x20mm and 1.5mm thick Wire mesh wall Welded on the frame | m ² | 1,046.12 |
| 5.44 | Barbed wire fence with 40x40x3mm Angle Iron Frame | m ² | 786.35 |
| 5.45 | Supply & lay class A galvanized 800*1000*2.5cm hexagonal Mesh rock size 100- 250 for 1m ³ as directed by the engineer. (Gabion box 1mx1mx1m) | m ³ | 4,436.62 |
| 5.46 | Supply & lay class A galvanized 800*1000*2.5cm hexagonal Mesh rock size 100- 250 for 2m ³ as directed by the engineer. (Gabion box 2mx1mx1m) | m ³ | 3,836.62 |

Prepared by:- Mulu T. 

Checked by:- Gezahegn G. 

Approved by:- Hirut A. 

