



በአዲስ አበባ ከተማ አስተዳደር የዲዛይንና ግንባታ ሥራዎች ቢሮ
City Government of Addis Ababa Design &
Construction Works Bureau



Date 29/01/2017

Your Ref. _____

Our Ref. 2/አ/ዘ/ዲ/ወ/ደ/የ/ዲ/ወ/ደ/

Dedicated to the betterment of our city

ለም/ቢሮ ኃላፊ የኮንትራት አስተዳደር ዘርፍ

ለም/ቢሮ ኃላፊ የዲዛይን ዝግጅትና ምህንድስና ግዥ ዘርፍ

ለልደታ ክፍለ ከተማ ጽ/ቤት

ለየካ ክፍለ ከተማ ጽ/ቤት

ለቦሌ ክፍለ ከተማ ጽ/ቤት

ለኮልፌ ቀራንዮ ክፍለ ከተማ ጽ/ቤት

ለቂርቆስ ክፍለ ከተማ ጽ/ቤት

ለንፋስ ስልክ ላፍቶ ክፍለ ከተማ ጽ/ቤት

ለአራዳ ክፍለ ከተማ ጽ/ቤት

ለጉለሌ ክፍለ ከተማ ጽ/ቤት

ለአዲስ ከተማ ክፍለ ከተማ ጽ/ቤት

ለአቃቂ ቃሊቲ ክፍለ ከተማ ጽ/ቤት

ለለሚ ኩራ ክፍለ ከተማ ጽ/ቤት

ለቤቶች ልማት ኮርፖሬሽን

ለቤቶች ልማትና አስተዳደር ቢሮ

ለውሃና ፍሳሽ አገልግሎት

ለመንገዶች ባለሥልጣን

ለመሬት ልማትና አስተዳደር ቢሮ

ለአካባቢ ጥበቃ ባለሥልጣን

ለከተማ ውበትና አረንጓዴ ልማት ቢሮ

ለትራንስፖርት ቢሮ

ለግንባታ ፈቃድና ቁጥጥር ባለሥልጣን

አዲስ አበባ



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በርዕስ ጽ/ቤት
የአዲስ አበባ ከተማ
አስተዳደር የዲዛይንና
ግንባታ ሥራዎች ቢሮ

Date 29/01/2017

Your Ref.

Our Ref. 20/xx/xxxxx/n

ጉዳዩ፡- የ2017 በጀት ዓመት 1ኛ ሩብ ዓመት የኮንስትራክሽን

ሥራዎች የቀጥተኛ ዋጋ (Direct Cost) ይመለከታል

ከላይ በርዕሱ እንደተጠቀሰው በአዲስ አበባ ከተማ አስተዳደር የዲሳይንና ግንባታ ሥራዎች ቢሮ በዓዋጅ ቁጥር 74/2014 በተሰጠው ሥልጣን መሰረት ወቅታዊ የግንባታ ስራዎች ቀጥተኛ ዋጋ በማጥናት ለሚመለከታቸው ተቋማት እያሰራጨ ይገኛል።

በዚህ መሰረት በያዝነው በጀት ዓመት 1ኛ ሩብ ዓመት በቢሮው አማካኝነት ተዘጋጅቶ የጸደቀውን የግንባታ ሥራዎች ቀጥተኛ ዋጋ (Direct Cost) ከዚህ ቀጥሎ በተገለጸው በቢሮ ፎረ ገጽ መጠቀም የምትችሉ መሆኑን እንገልጿለን።

FACE BOOK:- Addis Ababa Design & Constructon works bureau

2.TELEGRAM:- Addis Ababa Design & Constructon works bureau

3.TWITTER:- Addis Ababa Design & Constructon works bureau

ከሠላምታ ጋር

7A04

- ለቢሮ ኃላፊ
- ለም/ቢሮ/ኃ/ኮ/ኢ/ል/ቁ/ዘርፍ
- የኮ/ግ/አቅ/ግ/ዳይሬክተር
- ለኮንስትራክሽን ግንባታ ግብአት ዋጋ ትመጥና ትንበያ ቡድን መሪ

2/7/0.



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 11/19/1966 F32
 11/19/1966 F32
 11/19/1966 F32
 11/19/1966 F32

Dedicated for the betterment of our city

Abstract



በአዲስ አበባ ከተማ አስተዳደር የዲዛይንና ግንባታ ሥራዎች ቢሮ

City Government of Addis Ababa Design &
Construction Works Bureau



ለከተማችን ጤናማነት አገልግሎት

Dedicated for the betterment of our city

ለከተማችን ጤናማነት አገልግሎት

የ2017 ዓ.ም የ1ኛ ሩብ ዓመት የግንባታ ስራዎች ቀጥተኛ ዋጋ (DIRECT COST) ጥናት



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14659



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@AddisCity



Addis Ababa Design and
Construction Works Bureau



addisdesignandconstruction@gmail .c

መግቢያ፡-

በአዲስ አበባ ከተማ አስተዳደር በኮንስትራክሽን ቢሮ በአዋጅ ቁጥር በተሰጠው ስልጣን መሰረት የኮንስትራክሽን ግብዓት ቁርጥ ዋጋ ተዘዋዋሪ ወጪ (Overhead) እና ትርፍ (Profit) ተሰልቶ ጭምር በባለድርሻ አካላት የሚተላለፍ ቢሆንም ይህንን የቁርጥ ዋጋ በተለይ የተደራጁ ማህበራት የሚጠቀሙት ከመሆኑ አንፃር የኮንስትራክሽን ኢንዱስትሪውን እድገትና የማህበራቱን አቅም ከመገንባት አንፃር ለረጅም ጊዜ ወቅታዊነቱን ሚዛናዊነትን ያማክሰ በቁርጥ ዋጋ ለሚሰሩ ሰራዎች የተዘዋዋሪ (Overhead) 7% እና ትርፍ (Profit) 8% በማድረግ የገንባታ ስራ ነጠላ ዋጋ ጥናት ቢሮው ሲደረግ ቆይቶአል።

ሆኖም ለተለያዩ የገንባታ ስራዎች እንደፐርፔክቲቭ ስፋት፣ የተቋራጩ አቅምና ደረጃ እንዲሁም ልዩ ልዩ ነባራዊ ሁኔታዎች የተዘዋዋሪ (Overhead) እና ትርፍ (Profit) አሰራር የሚለያይ በመሆኑ በያዝነው በጀት አመት ጥናቱ ተጥተኛ ወጪ (Direct Cost) ብቻ ያካተተ ሲሆን ተቋማት ግን እንደፐርፔክቲቭ ሁኔታ ከዚህ ቀጥሎ በተዘረዘረው መግለጫ አሰራር መሰረት በመጠቀም (Overhead) እና ትርፍ (Profit) ተክለው የገንባታ ስራ ነጠላ ዋጋ መትከል የሚቻልበት ሁኔታ መፍጠር አስፈላጊ በመሆኑ ቢሮው በዚህ መሰረት ተፈጻሚ እንዲሆን ውሳኔ ሳይ ደርሶአል። በመሆኑም ከዚህ በመቀጠል በዝርዝር በተቀመጠው የአሰራር መግለጫ መሰረት ባለድርሻ አካላት የገንባታ ስራ ነጠላ ዋጋ ማስፈጸም የሚችሉበት ሁኔታ እንዲፈጸር ተደርጎአል።

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1. ተዘዋዋሪ ዋጋ /ወጪ/ (O)

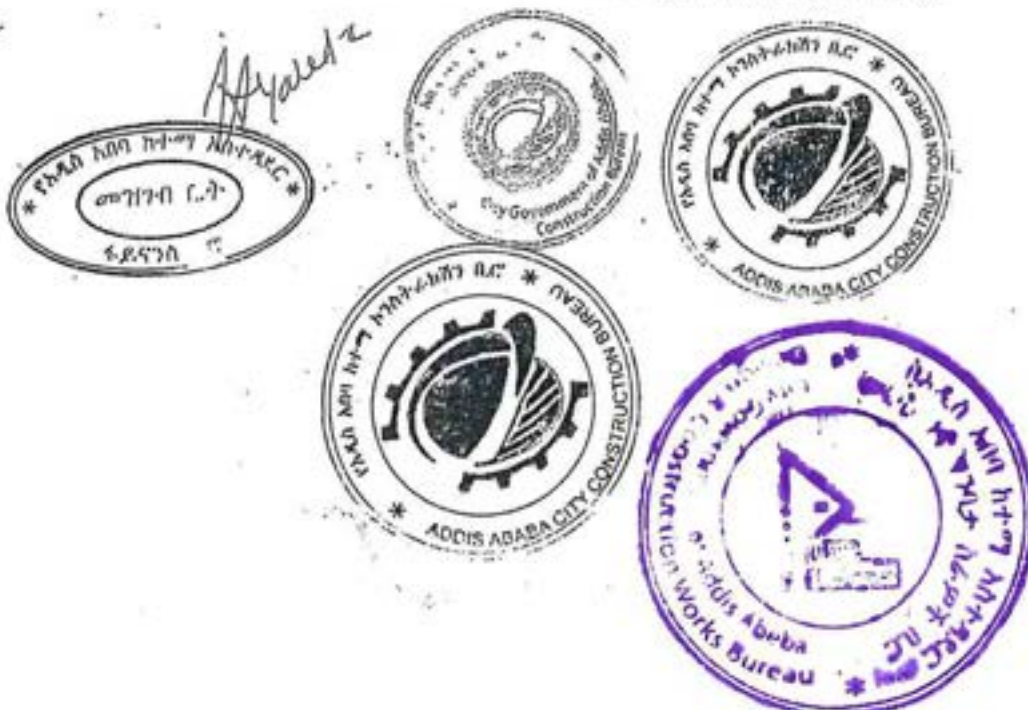
ተዘዋዋሪ ወጪ እንደ የጽ/ቤት ኪራይ፣ የጽ/ቤት ዕቃ ዕልተት፣ የሠራተኞች ደመወዝ፣ የፖስታ መላላኪያ፣ የመብራት፣ የስልክ፣ የውሃ፣ የውሎ አበል፣ ወዘተ የመሳሰሉትን ወጪዎች ለመሸፈን የሚወጣ ክፍያ ነው። እንደ የድርጅቱ አቅምና ደረጃ እንዲሁም በእድህረት በሚገኙ ፕሮጀክቶች ብዛት፣ መጠን አቅምና ደረጃ ተዘዋዋሪ ወጪ ዋጋ ፐርሰንት ይለያያል። ተዛማጅ ዋጋ /ወጪ/ በሁለት ይከፈላል፡- እነርሱም የዋና መስሪያ ቤት እና የፕሮጀክት ላይት በመባል ይታወቃሉ።

- ለደረጃ 3 እና ከዚያ በላይ ላሉ ሥራ ተቋራጮች እስከ 10% የቀጥተኛ ወጪ /Direct Cost/ ድረስ ይሰላል።
- ለደረጃ 4፣ 5 እና 6 ሥራ ተቋራጮች እስከ 8% የቀጥተኛ ወጪ /Direct Cost/ ድረስ ይሰላል።
- ከደረጃ 6 በታች ላሉ ሥራ ተቋራጮች እስከ 6% ድረስ ይሰላል።

ጥልቅ የሆነ ሥራ ለመስራት አባሪ የተደረገውን የተዛማጅ ወጪዎችን ዝርዝር መጠቀም ይቻላል።

2. ትርፍ (P)

- የፕሮጀክት ዋጋቸው ከ5,000,000.00 ብር በታች ለሆኑ 13% የቀጥተኛ የሥራ ዋጋ /ወጪ/ ትርፍ ይሰላል።
- የፕሮጀክት ዋጋቸው ከ5,000,000.00 ብር እስከ 15,000,000.00 ብር ለሆኑ 11% የቀጥተኛ የሥራ ዋጋ /ወጪ/ ትርፍ ይሰላል።
- የፕሮጀክት ዋጋቸው ከ15,000,000.00 ብር እስከ 30,000,000.00 ብር ለሆኑ 10% የቀጥተኛ የሥራ ዋጋ /ወጪ/ ትርፍ ይሰላል።
- የፕሮጀክት ዋጋቸው ከ30,000,000.00 ብር እስከ 50,000,000.00 ብር ለሆኑ 10% የቀጥተኛ የሥራ ዋጋ /ወጪ/ ትርፍ ይሰላል።
- ከ50,000,000.00 ብር በላይ ለሆኑ 7% የቀጥተኛ የሥራ ዋጋ /ወጪ/ ትርፍ ይሰላል።



ITEM NO	DESCRIPTION	UNIT	2017 1st Quarter (Only Direct cost)
1.1	Load and cart away all demolishing & dismantling material to an appropriate tip. (Manually)		
1.1.1	Demolishing the lamara wall	m ²	81.07
1.1.2	Demolishing the existing CIS wall	m ²	16.23
1.1.3	Demolishing of wooden wall	m ²	93.21
1.1.4	Demolishing of gypsum wall	m ²	46.60
1.1.5	Demolishing the CIS roof	m ²	25.97
1.1.6	Demolishing of 7x5 cm zigba purline	ml	12.99
1.1.7	Demolishing of eucalyptus upper & lower chords	ml	42.45
1.1.8	Dimolish RHS purline	ml	20.27
1.1.9	Dimolishing the RHS truss.	ml	51.53
1.1.10	Desmantling Gutter	ml	17.59
1.1.11	Desmantling down pipe	ml	32.64
1.1.12	Demolishing the chipwood ceiling	m ²	55.75
1.1.13	Demolishing the tember ceiling	m ²	77.44
1.1.14	Demolishing the abujudid ceiling	m ²	19.36
1.1.15	Dismantle the metal doors from the wall.	m ²	96.19
1.1.16	Dismantle the metal windows from the wall.	m ²	86.57
1.1.17	Desmantling fascia board	ml	23.90
1.1.18	Desmantling ridge & copping	ml	35.18
1.1.19	Demolishing the PVC floor tile	m ²	24.30
1.1.20	Demolishing kitchen sink	pcs	34.64
1.1.21	Demolishing toilet WC,HVV,turkish seat	pcs	103.91
1.1.22	Desmantling of wooden door & window	m ²	74.86
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	344.33
1.2.2	Masonry Structure (AGL)	m ³	459.10
1.2.3	Demolishing of 25cm thick hardcore	m ³	30.24
1.2.4	Concrete Structures	m ³	1,914.01
1.2.5	10cm thick HCB Structure	m ²	31.66
1.2.6	15cm thick HCB Structure	m ²	42.22
1.2.7	20cm thick HCB Structure	m ²	59.10
1.2.8	Terrazzo floor	m ²	65.67
1.2.9	Cement screed floor	m ²	14.78
1.2.10	8cm thick Mass concrete floor	m ²	19.70
1.2.11	30x120x3cm thick marble tread	pcs	122.31
1.2.12	15x120x3cm thick marble riser	pcs	91.73
1.2.13	Steel Structure	Kg	5.15
1.2.14	Demolishing the ceramic wall tile	m ²	65.67
1.2.15	Demolishing the ceramic floor tile (6 & 8 mm thick)	m ²	73.88
	(From 1st -3rd floor)		
1.2.14	Concrete Structures	m ³	2,564.94
1.2.15	10cm thick HCB Structure	m ²	44.57
1.2.16	15cm thick HCB Structure	m ²	57.31
1.2.17	20cm thick HCB Structure	m ²	80.23
1.2.18	Terrazzo floor	m ²	88.25
1.2.19	Cement screed floor	m ²	19.86
1.2.20	30x120x3cm thick marble tread	m ²	156.19
1.2.21	15x120x3cm thick marble riser	m ²	117.14
1.2.22	Steel Structure	kg	6.74
1.2.23	Demolishing the ceramic wall tile	m ²	88.25
1.2.24	Demolishing the ceramic floor tile (6 & 8 mm thick)	m ²	99.29
	(From 4th -7th floor)		
1.2.23	Concrete Structures	m ³	3,242.54
1.2.24	10cm thick HCB Structure	m ²	48.40
1.2.25	15cm thick HCB Structure	m ²	62.22
1.2.26	20cm thick HCB Structure	m ²	87.11

Prepared by:- Surafel A.

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	96.79
1.2.28	Cement screed floor	m ²	21.78
1.2.29	30x120x3cm thick marble tread	m ²	188.73
1.2.30	15x120x3cm thick marble riser	m ²	141.55
1.2.31	Steel Structure	kg	9.89
1.2.32	Demolishing the ceramic wall tile	m ²	110.84
1.2.33	Demolishing the ceramic floor tile (6 & 8 mm thick)	m ²	124.70
	(From 8th -12th floor)		
1.2.32	Concrete Structures	m ³	3,920.14
1.2.33	10cm thick HCB Structure	m ²	69.84
1.2.34	15cm thick HCB Structure	m ²	76.74
1.2.35	20cm thick HCB Structure	m ²	107.44
1.2.36	Terrazzo floor	m ²	119.38
1.2.37	Cement screed floor	m ²	26.86
1.2.38	30x120x3cm thick marble tread	m ²	222.61
1.2.39	15x120x3cm thick marble riser	m ²	166.96
1.2.40	Steel Structure	pcs	10.04
1.2.41	Demolishing the ceramic wall tile	kg	133.43
1.2.42	Demolishing the ceramic floor tile (6 & 8 mm thick)	m ²	150.11
	(From 13th -20th floor)		
1.2.41	Concrete Structures	m ³	4,597.74
1.2.42	10cm thick HCB Structure	m ²	70.98
1.2.43	15cm thick HCB Structure	m ²	91.26
1.2.44	20cm thick HCB Structure	m ²	127.77
1.2.45	Terrazzo floor	m ²	141.96
1.2.46	Cement screed floor	m ²	31.94
1.2.47	30x120x3cm thick marble tread	m ²	256.49
1.2.48	15x120x3cm thick marble riser	m ²	192.37
1.2.49	Steel Structure	pcs	11.63
1.2.50	Demolishing the ceramic wall tile	kg	156.01
1.2.51	Demolishing the ceramic floor tile (6 & 8 mm thick)	m ²	175.52
2	Excavation and earth work /የአፈር ቁፋር /		
2.1	Site clearance and excavation (mechanized)		
2.1.1	20cm. Clearing on wet & black soil.	m ²	57.49
2.2	Bulk excavation in loose & dry soil		
2.2.1	to a depth not exceeding 1.5m	m ³	175.74
2.2.2	to a depth exceeding 1.50m but not exceeding 3.00m	m ³	215.42
2.2.3	to a depth exceeding 3.00m but not exceeding 4.50m	m ³	260.86
2.2.4	to a depth exceeding 4.50m but not exceeding 6.00m	m ³	298.13
2.2.5	to a depth exceeding 6.00m but not exceeding 7.50m	m ³	347.81
2.2.6	to a depth exceeding 7.50m but not exceeding 9.00m	m ³	417.38
2.2.7	to a depth exceeding 9.00m but not exceeding 10.50m	m ³	463.75
2.3	Pit excavation in loose & dry soil		
2.3.1	to a depth not exceeding 1500cm loose and dry soil.	m ³	198.75
2.3.2	to a depth exceeding 1500cm but not exceeding 3000mm	m ³	227.14
2.3.3	to a depth exceeding 3000cm but not exceeding 4500mm	m ³	265.00
2.3.4	to a depth exceeding 4500cm but not exceeding 6000mm	m ³	318.00
2.3.5	to a depth exceeding 6000cm but not exceeding 7500mm	m ³	397.50
2.3.6	to a depth exceeding 7500cm but not exceeding 9000mm	m ³	502.11
2.3.7	to a depth exceeding 9000cm but not exceeding 10500mm	m ³	681.43
2.4	Bulk excavation in soft rock		
2.4.1	not exceeding 1.5m	m ³	413.03
2.4.2	Over 1.5.0m,not exceeding 3m	m ³	451.78
2.4.3	Over 3.0m,not exceeding 4.5m	m ³	547.91
2.4.4	Over 4.5m,not exceeding 6.0m	m ³	782.73
2.4.5	Over 6.0m,not exceeding 7.5m	m ³	1,118.18
2.4.6	Over 7.5m,not exceeding 9.0m	m ³	1,597.41
2.4.7	Over 9.0m,not exceeding 10.5m	m ³	2,282.01

Prepared by:- Surafel A.

Checked by:- Geremariam 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	514.00
2.5.2	Over 1.5.0m,not exceeding 3m	m ³	564.83
2.5.3	Over 3.0m,not exceeding 4.5m	m ³	699.32
2.5.4	Over 4.5.0m,not exceeding 6m	m ³	999.02
2.5.5	Over 6m,not exceeding 7.5m	m ³	1,427.17
2.5.6	Over 7.5m,not exceeding 9m	m ³	2,038.82
2.5.7	Over 9m,not exceeding 10.5m	m ³	2,912.60
2.6	Bulk excavation in hard rock		
2.6.1	not exceeding1.50m	m ³	813.20
2.6.2	Over 1.5m,not exceeding 3m	m ³	1,014.10
2.6.3	Over 3.0m,not exceeding 4.5m	m ³	1,219.04
2.6.4	Over 4.5m,not exceeding 6.0m	m ³	1,659.59
2.6.5	Over 6.0m,not exceeding 7.5m	m ³	2,074.48
2.6.6	Over 7.5m,not exceeding 9.0m	m ³	2,593.11
2.6.7	Over 9.0m,not exceeding 10.5m	m ³	3,050.71
2.7	Pit excavation in hard rock		
2.7.1	not exceeding1.50m	m ³	1,027.99
2.7.2	Over 1.5m,not exceeding 3m	m ³	1,270.87
2.7.3	Over 3.0m,not exceeding 4.5m	m ³	1,652.13
2.7.4	Over 4.5m,not exceeding 6m	m ³	2,247.80
2.7.5	Over 6.0m,not exceeding 7.5m	m ³	3,211.14
2.7.6	Over 7.5m,not exceeding 9m	m ³	4,587.35
2.7.7	Over 9m,not exceeding 10.5m	m ³	6,553.35
2.8	Back fill		
2.8.1	Back fill selected excavated mats. from the site.(mechanized)	m ³	672.01
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	1,870.97
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	1,591.20
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	1,525.49
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	1,376.21
2.8.6	25cm. thick basaltic hard core. (Mechanized)	m ²	659.51
3	EXCAVATION AND EARTH WORK. (manual)		
	20cm. Clearing on wet & black soil.	m ²	57.49
3.1	Bulk excav.in loose and dry soil.		
3.1.1	to a depth not exceeding 1500mm	m ³	422.53
3.1.2	to a depth exceeding 1500mm but not exceeding 3000mm	m ³	487.53
3.1.3	to a depth exceeding 3000mm but not exceeding 4500mm	m ³	551.12
3.2	Bulk excav.in soft rock.		
3.2.1	not exceeding 1.5m	m ³	858.50
3.2.2	Over 1.5.0m,not exceeding 3m	m ³	965.81
3.2.3	Over 3.0m,not exceeding 4.5m	m ³	1,188.69
3.3	Bulk excav.in hard rock.		
3.3.1	not exceeding1.50m	m ³	1,545.30
3.3.2	Over 1.5m,not exceeding 3m	m ³	1,804.98
3.3.3	Over 3.0m,not exceeding 4.5m	m ³	2,776.90
3.4	Pit & Trench excav. in loose and dry soil.		
3.4.1	not exceeding 1500cm	m ³	469.48
3.4.2	to a depth exceeding 1500cm but not exceeding 3000mm	m ³	576.18
3.4.3	to a depth exceeding 3000cm but not exceeding 4500mm	m ³	792.24
3.5	Pit & Trench excav. in soft rock		
3.5.1	not exceeding 1.5m	m ³	1,030.20
3.5.2	Over 1.5.0m,not exceeding 3m	m ³	1,287.75
3.5.3	Over 3.0m,not exceeding 4.5m	m ³	1,545.30

Prepared by:- Surafel A.

Checked by:- Gezahegn G.

Approved by:- Hirut A.

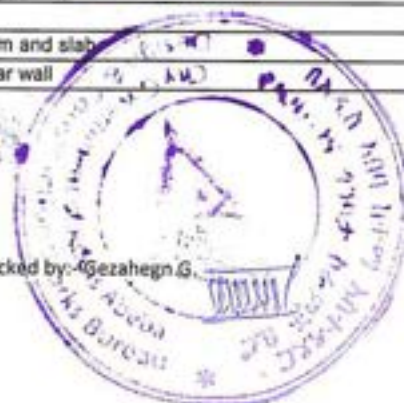


ITEM NO	DESCRIPTION	UNIT	2017 1st Quarter (Only Direct cost)
3.6	Pit Excavation in hard rock		
3.6.1	not exceeding 1.5m	m ³	1,717.00
3.6.2	Over 1.5m, not exceeding 3m	m ³	2,039.98
3.6.3	Over 3m, not exceeding 4.5m	m ³	3,438.07
3.6	Trench Excavation in hard rock		
3.6.1	not exceeding 1.5m	m ³	1,981.15
3.6.2	Over 1.5m, not exceeding 3m	m ³	2,664.31
3.6.3	Over 3m, not exceeding 4.5m	m ³	4,544.99
3.7	Back fill		
3.7.1	Back fill selected excavated mats. from the site. (Manualy)	m ³	584.35
3.7.2	Back fill selected excavated mats. from out side the site. (Upto 20km from Quarry site as long as Project Site) (Manualy)	m ³	1,860.37
3.7.3	Back fill selected excavated mats. from out side the site. (Upto 15km from Quarry site as long as Project Site) (Manualy)	m ³	1,580.61
3.7.4	Back fill selected excavated mats. from out side the site. (Upto 10km from Quarry site as long as Project Site) (Manualy)	m ³	1,514.90
3.7.5	Back fill selected excavated mats. from out side the site. (Upto 5km from Quarry site as long as Project Site) (Manualy)	m ³	1,365.61
3.7.3	Cart away surplus excavated materials to 5km	m ³	248.67
3.7.4	Cart away surplus excavated materials to 10km	m ³	287.30
3.7.5	Cart away surplus excavated materials to 15km	m ³	373.22
3.7.6	Cart away surplus excavated materials to 20km	m ³	469.38
3.7.6	25cm. thick basaltic hard core.(basaltic stone) (Manualy)	m ²	668.03
3.7.7	Supply, Spread & Compact Red Ash.	m ³	2,058.47
4	CONCRETE WORK		
	SUB STRUCTURE		
a	C-7 Lean Concrete (Hand mix) (C-7)	m ²	393.12
b	C-5 Lean Concrete (Hand mix) (C-5)	m ²	377.13
c	C-15 10cm thick mass concrete pavement cost include hard core & 7cm selected material.	m ²	1,908.58
d	Mortar production (1:3)	m ³	8,846.72
e	Light Weight Concrete 1:2:5	m ³	8,142.42
f	10cm Thick C-15 mass Concrete	m ²	949.49
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	109.83
j	20mm thick stayroroam expansion joint between ground floor slab & beam.	ml	134.94
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	9,878.85
4.1.2	C-15 Concrete (Mechanical Mix) 1:2:4 for Footing ,Beam and slab	m ³	9,494.85
4.1.3	C-15 Concrete (Mechanical Mix) 1:2:4 for Column ,shear wall	m ³	9,845.00
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	10,524.34
4.2.2	C-20 Concrete (Mechanical Mix) 1:2:3 for Footing ,Beam and slab	m ³	10,140.34
4.2.3	C-20 Concrete (Mechanical Mix) 1:2:3 for Column ,shear wall	m ³	10,490.32
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	11,038.25
4.3.2	C-25 Concrete (Mechanical Mix) 1:2:3 for Footing ,Beam and slab	m ³	10,654.25
4.3.3	C-25 Concrete (Mechanical Mix) 1:2:3 for Column ,shear wall	m ³	11,004.22
4.3.4	C-25 Concrete (Mechanical Mix) 1:2:3 for 10cm thick slab	m ²	1,065.42
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	11,683.57
4.4.2	C-30 Concrete (Mechanical Mix) 1:2:3 for Footing ,Beam and slab	m ³	11,299.57
4.4.3	C-30 Concrete (Mechanical Mix) 1:2:3 for Column ,shear wall	m ³	11,649.54

Prepared by:- Surafel A.

Checked by:- Gezahegn 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	11,380.68
4.7.2	C-25 Concrete (Mechanical Mix) 1:2:3 for Beam and slab	m ³	10,996.68
4.7.3	C-25 Concrete (Mechanical Mix) 1:2:3 for Column ,shear wall	m ³	11,397.56
4.7.4	C-25 Concrete (Mechanical Mix) 1:2:3 for Stair case	m ³	11,683.90
4.7.5	C-25 Concrete (Mechanical Mix) 1:2:3 for 15cm thick slab	m ²	1,598.14
4.7.6	C-25 Concrete (Mechanical Mix) 1:2:3 for 18cm thick slab	m ²	1,917.76
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	12,026.00
4.8.2	C-30 Concrete (Mechanical Mix) 1:2:3 for Beam and slab	m ³	11,642.00
4.8.3	C-30 Concrete (Mechanical Mix) 1:2:3 for Column ,shear wall	m ³	12,042.88
4.8.4	C-30 Concrete (Mechanical Mix) 1:2:3 for Stair case	m ³	12,329.23
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	14,965.78
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	15,445.78
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	16,260.78
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	14,490.78
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	14,970.78
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	15,785.78
4.14	Form work		
4.14.1	Wooden form work For Beam, Footing & Column.sub structure	m ²	730.15
4.14.2	Wooden form work For Super structure column ,Floor beam & slab.	m ²	765.53
4.14.3	18mm thick Fair Faced Form work (high quality plywood)	m ²	1,084.66



Prepared by:- Surafel A.

Checked by:- Gezahegn 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	173.87
4.16.2	Local Re-Bar Grade 75: Dia. 8mm (Sub structure)	kg	156.82
4.16.3	Local Re-Bar Grade 75: Dia. 10mm (Sub structure)	kg	156.78
4.16.4	Local Re-Bar Grade 75: Dia. 12mm (Sub structure)	kg	151.70
4.16.5	Local Re-Bar Grade 75: Dia. 14mm (Sub structure)	kg	151.84
4.16.6	Local Re-Bar Grade 75: Dia. 16mm (Sub structure)	kg	151.81
4.16.7	Local Re-Bar Grade 75: Dia. 20mm (Sub structure)	kg	151.88
4.16.8	Local Re-Bar Grade 75: Dia. 24mm (Sub structure)	kg	151.81
4.16.2	Local Re-Bar Grade 75: Dia. 32mm (Sub structure)	kg	161.00
4.16.3	Local Re-Bar Grade 75: Dia. 6mm (Super structure)	kg	178.91
4.16.4	Local Re-Bar Grade 75: Dia. 8mm (Super structure)	kg	161.87
4.16.5	Local Re-Bar Grade 75: Dia. 10mm (Super structure)	kg	161.83
4.16.6	Local Re-Bar Grade 75: Dia. 12mm (Super structure)	kg	153.62
4.16.7	Local Re-Bar Grade 75: Dia. 14mm (Super structure)	kg	153.76
4.16.8	Local Re-Bar Grade 75: Dia. 16mm (Super structure)	kg	153.73
4.16.9	Local Re-Bar Grade 75: Dia. 20mm (Super structure)	kg	153.80
4.16.10	Local Re-Bar Grade 75: Dia. 24mm (Super structure)	kg	153.73
4.16.12	Local Re-Bar Grade 75: Dia. 32mm (Super structure)	kg	162.92
4.16.14	Imported Re-Bar Grade 75: Dia. 8mm (Sub structure)	kg	167.45
4.16.15	Imported Re-Bar Grade 75: Dia. 10mm (Sub structure)	kg	167.45
4.16.16	Imported Re-Bar Grade 75: Dia. 12mm (Sub structure)	kg	162.44
4.16.17	Imported Re-Bar Grade 75: Dia. 14mm (Sub structure)	kg	162.44
4.16.18	Imported Re-Bar Grade 75: Dia. 16mm (Sub structure)	kg	162.44
4.16.19	Imported Re-Bar Grade 75: Dia. 20mm (Sub structure)	kg	162.44
4.16.20	Imported Re-Bar Grade 75: Dia. 24mm (Sub structure)	kg	162.44
4.16.22	Imported Re-Bar Grade 75: Dia. 32mm (Sub structure)	kg	162.44
4.16.24	Imported Re-Bar Grade 75: Dia. 8mm (Super structure)	kg	172.50
4.16.25	Imported Re-Bar Grade 75: Dia. 10mm (Super structure)	kg	172.50
4.16.26	Imported Re-Bar Grade 75: Dia. 12mm (Super structure)	kg	164.36
4.16.27	Imported Re-Bar Grade 75: Dia. 14mm (Super structure)	kg	164.36
4.16.28	Imported Re-Bar Grade 75: Dia. 16mm (Super structure)	kg	164.36
4.16.29	Imported Re-Bar Grade 75: Dia. 20mm (Super structure)	kg	164.36
4.16.30	Imported Re-Bar Grade 75: Dia. 24mm (Super structure)	kg	164.36
4.16.32	Imported Re-Bar Grade 75: Dia. 32mm (Super structure)	kg	164.36
5	Masonry & block work		
5.10	40cm. thick masonry foundation (A.G.L) Cement Mortar 1:3.	m ³	4,884.38
5.20	50cm. thick masonry foundation (A.G.L) Cement Mortar 1:3.	m ³	4,821.44
5.30	60cm. thick masonry foundation (B.G.L) Cement Mortar 1:3.	m ³	4,774.63
5.40	40cm. thick One Side Roughly Dressed Stone masonry (A.G.L) Cement Mortar 1:3.	m ³	5,270.13
5.50	50cm. thick One Side Roughly Dressed Stone masonry (A.G.L) Cement Mortar 1:3.	m ³	5,194.20
5.60	60cm. thick One Side Roughly Dressed Stone masonry (A.G.L) Cement Mortar 1:3.	m ³	5,139.25
5.70	50cm. thick masonry foundation (B.G.L) Cement Mortar 1:3.	m ³	4,776.33
5.80	40cm. thick masonry foundation (B.G.L) Cement Mortar 1:3.	m ³	4,604.74
5.90	400mm thick Finely dressed elevation wall Cement Mortar 1:3.	m ²	2,157.02
5.10	500mm thick Finely dressed elevation wall Cement Mortar 1:3.	m ²	3,017.25
5.13	10 cm. thick class-c HCB Wall Both Sides Left For Plastering.	m ²	731.61
5.14	10 cm. thick class-c Solid CB Wall Both Sides Left For Plastering.	m ²	788.41
5.15	15 cm. thick class-c HCB Wall Both Sides Left For Plastering.	m ²	909.41
5.16	15 cm. thick class-c Solid CB Wall Both Sides Left For Plastering.	m ²	961.22
5.17	20 cm. thick class-c HCB Wall Both Sides Left For Pointing.	m ²	1,059.32
5.18	20 cm. thick class-c Solid CB Wall Both Sides Left For Plastering.	m ²	1,140.95
5.19	10 cm. thick class-b HCB Wall Both Sides Left For Plastering.	m ²	851.43
5.20	10 cm. thick class-b Solid CB Wall Both Sides Left For Plastering.	m ²	967.28
5.21	15 cm. thick class-b HCB Wall Both Sides Left For Plastering.	m ²	1,048.90

Prepared by:- Surafel A.

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	1,287.14
5.23	20 cm.thick class-b HCB Wall Both Sides Left For Pointing	m ²	1,423.34
5.24	20 cm. thick class-b Solid CB Wall Both Sides Left For Plastering.	m ²	1,657.61
5.25	10 cm. thick class-a HCB Wall Both Sides Left For Plastering.	m ²	1,083.31
5.26	10 cm. thick class-a Solid CB Wall Both Sides Left For Plastering.	m ²	1,312.55
5.27	15 cm. thick class-a HCB Wall Both Sides Left For Plastering.	m ²	1,394.99
5.28	15 cm. thick class-a Solid CB Wall Both Sides Left For Plastering.	m ²	1,711.87
5.29	20 cm.thick class-a HCB Wall Both Sides Left For Pointing	m ²	1,482.64
5.30	20 cm. thick class-a Solid CB Wall Both Sides Left For Plastering.	m ²	2,141.97
5.31	40 cm.thick Dressed Stone Masonry Wall one Side well dressed & the other plastered	m ²	3,750.01
5.32	250mm .thick Double Brick Wall	m ²	3,509.92
5.33	120mm .thick Single Brick Wall	m ²	1,804.19
5.35	Chika wall with all wood work /እንጨት በጭቃ ገድግዳ /	m ²	728.27
5.36	Eucalyptus wood wall with all wood work /እንጨት ገድግዳ /	m ²	432.20
5.37	2.5cm thick Timber wall with 10cm & 6cm dia. Eucalyptus and all wood work/ሳንታ ግፅግዳ ገድግዳ/	m ²	1,301.33
5.38	G32 CIS with Eucalyptus /ለአጥር የግሪን ቆርቆሮ እንጨት ገድግዳ/	m ²	1,126.96
5.39	8mm thick Chipwood wall with Eucalyptus dia.10cm and 5x7cm shashemene batten.	m ²	902.86
5.40	18mm thick Laminated MDF Wall with 5x7cm Shashemene batten wood work and all necessary work.	m ²	2,040.47
5.41	Only 18mm thick Laminated MDF Wall.	m ²	1,496.59
5.42	30x30x2mm RHS wall with 4mm clear glass.	m ²	2,972.43
5.43	20x20mm and 1.5mm thick Wire mesh wall Welded on the frame	m ²	1,129.51
5.44	Barbed wire fence with 40x40x3mm Angle Iron Frame	m ²	753.42
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	4,206.32
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	3,606.32



Prepared by:- Surafel A.

Checked by:- Gezahegn G.

Approved by:- Hirut A.

Roof work		unit	2017 1st quarter (Only Direct cost)
6			
6.1	EGA roof coover the price includes J-bolt		
6.1.1	Galvanized EGA 300 roof cover		
1	0.30 mm thick	m ²	1,607.44
2	0.35 mm thick	m ²	1,775.81
3	0.40 mm thick	m ²	1,802.28
4	0.50 mm thick	m ²	1,930.21
5	0.60 mm thick	m ²	2,246.41
6	0.70 mm thick	m ²	2,476.19
7	0.80 mm thick	m ²	2,817.19
8	1.00 mm thick	m ²	3,385.65
6.1.2	Galvanized EGA 400 roof cover		
1	0.30 mm thick	m ²	1,607.44
2	0.35 mm thick	m ²	1,815.09
3	0.40 mm thick	m ²	1,831.93
4	0.50 mm thick	m ²	1,931.45
5	0.60 mm thick	m ²	2,309.92
6	0.70 mm thick	m ²	2,651.12
7	0.80 mm thick	m ²	2,883.41
8	1.00 mm thick	m ²	3,455.80
1	EGA 0.4mm thick (G-28) Coated roof cover	m ²	1,597.10
3	EGA 0.4mm thick (G-28) Coated For Wall	m ²	1,565.49
6.2	Gutter/ገረገሳ		
	Galvanized metal sheet gutter ገረገሳ		
6.2.1	G- 28 of devt. Length 33 cm	ml	434.42
6.2.2	G- 30 of devt. Length 33 cm	ml	332.42
6.2.3	G- 28 of devt. Length 40 cm	ml	589.64
6.2.4	G- 30 of devt. Length 40 cm	ml	434.42
6.2.5	G- 28 of devt. Length 50 cm	ml	589.64
6.2.6	G- 30 of devt. Length 50 cm	ml	434.42
6.2.7	G- 28 of devt. Length 67 cm	ml	758.16
6.2.8	G- 30 of devt. Length 67 cm	ml	554.16
6.2.9	G- 28 of devt. Length 100 cm	ml	1,005.73
6.2.10	G- 30 of devt. Length 100 cm	ml	740.42
6.3	Galvanized steel rectangular down pipe ለገረገሳ		
6.3.1	G- 28 of devt. Length 33 cm	ml	445.09
6.3.2	G- 30 of devt. Length 33 cm	ml	343.09
6.3.3	G- 28 of devt. Length 40 cm	ml	615.88
6.3.4	G- 30 of devt. Length 40 cm	ml	432.66
6.3.5	G- 28 of devt. Length 50 cm	ml	629.45
6.3.6	G- 30 of devt. Length 50 cm	ml	445.23
6.4	PVC down pipe		
6.4.1	PVC down pipe Dia.75mm	ml	303.23
6.4.2	PVC down pipe Dia.110mm	ml	416.10
6.4.3	PVC down pipe Dia.160mm	ml	710.94
6.5	UPVC down pipe		
6.5.1	Down pipe,UPVC,Dia.110mm PN 6	ml	578.52
6.5.2	Down pipe,UPVC,Dia.200mm PN 6	ml	1,525.32
6.6	Galvanized steel flashing		
6.6.1	G-30 deve.length 50cm	ml	635.96
6.6.2	G-30 deve.length 67cm	ml	730.13
6.6.3	G-30 deve.length 100cm	ml	921.87
6.6.4	G-28 deve.length 50cm	ml	795.74
6.6.5	G-28 deve.length 67cm	ml	969.22
6.6.6	G-28 deve.length 100cm	ml	1,243.53
6.7	Galvanized steel copping		
6.7.1	G-28 deve.length 25cm	ml	361.85
6.7.2	G-30 deve.length 25cm	ml	286.46
6.7.3	G-28 deve.length 33cm	ml	441.68
6.7.4	G-30 deve.length 33cm	ml	339.68
6.7.5	G-28 deve.length 50cm	ml	598.89
6.7.6	G-30 deve.length 50cm	ml	441.68



Checked by:- Tedi M.

Checked by:- Gezahegn G.

Approved by:- Hirut A.

6	Roof work	unit	2017 1st quarter (Only Direct cost)
6.8	Galvanized steel roof ridge		
6.8.1	G-28 deve.length 33cm	ml	423.20
6.8.2	G-30 deve.length 33cm	ml	321.20
6.8.3	G-28 deve.length 50cm	ml	578.42
6.8.4	G-30 deve.length 50cm	ml	423.20
6.9	CIS Roofing		
6.9.1	G28 CIS Roofing (Without Truss & Purlin)	m ²	1,217.43
6.9.2	G30 CIS Roofing (Without Truss & Purlin)	m ²	1,035.58
6.9.3	G32 CIS Roofing (Without Truss & Purlin)	m ²	823.78
6.9.4	G35 CIS Roofing (Without Truss & Purlin)	m ²	571.13
6.9.5	Aspesto roof cover	m ²	485.10
6.9.6	Euro tile roof cover	m ²	417.76
6.9.7	Grass roof cover	m ²	392.49
6.9.8	2mm thick Transparent fiber Roof cover	m ²	594.32
6.9.9	Only 1mm thick Sheet metal roof cover	m ²	1,422.94
6.9.10	G-32 CIS roof with Shashemene Zigba purline (4x5cm)	m ²	1,151.89
6.9.11	Tsid Timber cladding 1cm for decorating roof purlin ለጥል ጣል ፕሮጀክት	m ²	1,640.81
6.9.12	Light Weight Concrete 1:2:5 for roof	m ³	7,903.90



Checked by:- Tedi M.

Checked by:- Gezahegn G.

Approved b:-Hirut A.

7	CARPENTRY AND JOINERY		2017 1st quarter (only Direct cost)
	Ceiling	Unit	
7.1	Abujedy ceiling with 5x4cm Shashemene batten	m ²	771.70
7.2	Fyzt ceiling 5x4cm Shashemene batten	m ²	1,049.86
7.3	Parquet ceiling 5x4cm Shashemene batten	m ²	2,538.33
7.4	1cm thick Timber ceiling /ጣፊፋ ክርሊ/ 5x4cm Shashemene batten	m ²	1,291.91
7.5	Purline ceiling 5x4cm Shashemene batten	m ²	935.12
7.6	Playwood ceiling /Compersato/ 5x4cm Shashemene batten	m ²	902.12
7.7	Rush ceiling /ገንዘፍ ክርሊ/ Compersato 5x4cm Shashemene batten	m ²	759.12
7.8	Ceiling made with plastic sack/ጣፋፊፍ ክርሊ/ 5x4cm Shashemene batten	m ²	720.70
7.9	Ceiling made with sack /ጽጌ/ 5x4cm Shashemene batten	m ²	720.70
7.10	8mm. thick chipwood Ceiling with 5x4cm Shashemene batten	m ²	1,602.06
7.11	Armstrong acoustical ceiling With Suspender and all accessories	m ²	1,885.51
7.12	Mineral fiber acoustic ceiling With all accessories	m ²	1,385.10
7.13	supply & fix local gypsum ceiling with out batten	m ²	702.98
7.14	PVC ceiling (laminated/imported) with 5x4cm Shashemene batten & corner list	m ²	1,542.37
7.17	25 cm. Wide Kemero Facia Board	ml	723.73
7.18	30 cm. Wide Kemero Facia Board	ml	733.29
	Wooden truss & purlin		
7.19	10-12 cm. dia. Vertical Chords Eucalyptus Wood.	ml	148.86
7.20	8-10 cm. dia. Vertical & Diagonal member Eucalyptus Wood.	ml	152.86
7.21	Diam. 6 cm thick eucalyptus purlin	ml	88.14
7.22	50 X 70mm. Tid (Shashemene) Wood Roof Purlin	ml	297.74
	Doors		
7.22	40mm thick Mahogany plywood smooth finish flush wooden door /ተጥፎፋ ብር /	m ²	10,434.78
7.24	40mm thick Smooth MDF board made imported wooden door (best quality)	m ²	10,869.57
7.25	40mm thick Antique MDF board wooden door	m ²	10,434.78
7.26	Solid wooden door 40mm thick (best quality standard)	m ²	26,956.52
7.27	1cm thick timber door with 5cm wide fascia board /ጣፋፍ ፐርላን ጣፋፍ ብር ጣፋፍ ብር /	m ²	2,869.28
7.28	3cm thick timber door /ፐርላን ጣፋፍ ብር ጣፋፍ ብር /	m ²	3,050.53
7.29	1cm thick timber window /ጣፋፍ ፐርላን ጣፋፍ ጣፋፍ ብር /	m ²	2,182.90
7.30	3cm thick timber window /ፐርላን ጣፋፍ ጣፋፍ ጣፋፍ ብር /	m ²	2,495.40
7.31	3cm thick timber window with 4mm thick glass /ፐርላን ጣፋፍ ጣፋፍ ጣፋፍ ብር /	m ²	4,893.25
7.32	G-32 CIS door with all wood work /ፐርላን ብር /	m ²	1,334.77
7.33	G-32 CIS window with all wood work /ፐርላን ብር /	m ²	1,368.64
7.34	1cm Timber /Tsid/ door /ፐርላን ብር /	m ²	1,732.07
7.35	1cm Timber /Tsid/ window /ፐርላን ብር /	m ²	1,993.57



Checked by:- Teodrose M.

Checked by:- Gezahegn G.

Approved by:- Hirut A.

8	METAL WORK	unit	2017 1st quarter (only Direct cost)
8.1	Fully metal doors of 38mm LTZ without grill (1.5mm thick)	m ²	5,232.75
8.2	Partially glazed metal doors of 38LTZ without grill	m ²	4,928.40
8.3	Partially glazed metal doors of 38mm LTZ with grill (1.5mm thick)	m ²	5,283.36
8.4	Metal Windows of 38LTZ without grill (1.5mm thick)	m ²	3,270.29
8.5	Metal Windows of 38LTZ (1.5mm thick) with grill	m ²	5,169.13
8.6	Double leaf metal doors of 38mmLTZ without grill (1.5mm thick)	m ²	4,557.14
8.7	Double leaf metal doors of 38mmLTZ with grill (1.5mm thick)	m ²	5,152.38
8.8	Fully metal doors of 28mm LTZ without grill (1.2mm thick)	m ²	5,174.96
8.9	Partially glazed metal doors of 28mm LTZ without grill (1.2mm thick)	m ²	4,558.24
8.10	Partially glazed metal doors of 28mm LTZ with grill (1.2mm thick)	m ²	5,050.46
8.11	Metal Windows of 28LTZ without grill (1.2mm thick)	m ²	2,925.02
8.12	Metal Windows of 28LTZ with grill (1.2mm thick)	m ²	3,654.28
8.13	Double leaf metal doors of 28mmLTZ without grill (1.2mm thick)	m ²	4,264.05
8.14	Double leaf metal doors of 28mmLTZ with grill (1.2mm thick)	m ²	4,851.35
8.15	Main gate door covered with sheet metal /የኖ የገቢ ብር ባለ ንጥ/	m ²	8,212.65
8.16	Sliding door & window. Price shall include Angle iron 40X40X3mm Bottom rail & RHS 50X50X2.5mm Top rail.	m ²	3,008.38
8.17	Sheet metal partition wall (1mm thick Lamera) with RHS 30x30x2.5	m ²	3,052.92
8.18	Only 1mm thick Sheet metal (Lamera) partition wall	m ²	1,694.72
8.19	Supply & fix 1.6mm thick Aluminium frame window with 6mm thick clear glazed with all necessary accessories	m ²	13,200.00
8.20	Supply & fix 1.6mm thick Aluminium frame window with 6mm thick double clear glazed with all necessary accessories	m ²	18,500.00
8.21	1.6mm thick Aluminium framed window with 6mm thick clear glazed with all necessary accessories	m ²	13,310.00
8.22	1.6mm thick Aluminium frame window with 6mm thick double clear glazed with all necessary accessories	m ²	22,700.00
8.23	Aluminium sun breaker with all necessary accessories	m ²	5,790.00
8.24	1.6mm thick Aluminium Curtain wall 6mm thick clear glass with all necessary accessories (External)	m ²	14,560.00
8.25	1.6mm thick Aluminium Curtain wall 6mm thick clear glass with all necessary accessories (External)	m ²	16,580.00
8.26	1.6mm Aluminium partition wall with 6mm thick frosted clear glass with all necessary accessories.	m ²	14,100.00
8.27	1.4mm Aluminium partition wall with 6mm thick frosted clear glass with all necessary accessories.	m ²	13,850.00
8.28	2mm Aluminium partition wall with 6mm thick frosted clear glass with all necessary accessories.	m ²	14,950.00
8.29	1.6mm thick Aluminium frame door with 6mm thick clear glass with all necessary accessories.	m ²	13,950.00
8.30	1.6mm thick Aluminium frame door with 4mm thick clear glass with all necessary accessories.	m ²	13,650.00
8.31	1.6mm thick Aluminium frame window with 4mm thick clear glass with all necessary accessories.	m ²	11,950.00
8.32	1.6mm thick Aluminium frame door with 5mm thick clear glass with all necessary accessories.	m ²	12,900.00
8.33	1.6mm thick Aluminium frame window with 5mm thick clear glass with all necessary accessories.	m ²	12,100.00
8.34	2mm thick Aluminium frame door with 6mm thick clear glass with all necessary accessories.	m ²	15,910.00
8.35	Rolling shutter door shall be built up from interlocking lath sections of aluminium alloy conforming to 53000 (NE) or 64430 (HE30) of IS : 733. the lath sections shall be from 18 gauge (1.25 mm) section with 76mm profile height for curtains. The lath section shall be rolled so as to have interlocking curls at both edges and a deep corrugation at the centre with a bridge depth of 16 mm to provide sufficient curtain stiffness for resisting manual pressure & normal wind pressure.	m ²	21,749.13
STEEL STRUCTURE WORK			
REINFORCEMENT BAR			
8.39	Supply and fix Different size and thickness Steel Roof Truss & Purlin With RHS. price shall include three coat anti-rust and the necessary works and materials to full fill the job.	kg	243.50
8.40	Supply and fix Different size and thickness Metal hand rail made of RHS, CHS and SHS , price shall include three coat anti-rust and the necessary works and materials to full fill the job.	kg	228.51
8.41	dia. 16 mm. deformed bars dev. Length 400mm (J-bolt)	Pcs	140.91
8.42	dia. 12 mm. deformed bars dev. Length 100mm (J-bolt)	Pcs	14.29
8.43	dia. 14 mm. deformed bars dev. Length 160mm (J-bolt)	Pcs	42.50
8.44	dia. 20 mm. Anchor bolt dev. Length 400mm	Pcs	257.46

Checked by:- Teodrose M.

Checked by:- Gezahegn G.



Approved by:- Hirut A.

9	FINISHING WORKS	Unit	2017, 1st Quarter Direct Cost Only
9.1	PLASTERING		
9.1.2	3 Coats of cement plastering (1:3) (To internal wall)	m ²	555.41
9.1.3	3 Coats of cement plastering (1:3) (To external wall)	m ²	556.34
9.1.4	3 Coats of cement plastering to exposed beams and columns.	m ²	597.53
9.1.5	3 Coats of cement plastering to Slab soffit beams soffit	m ²	678.08
9.1.6	2 Coats of cement plastering internal vertical surface.	m ²	435.10
9.1.7	2 Coats of cement plastering External vertical surface.	m ²	435.10
9.1.8	cement wash vertical surface.	m ²	189.95
9.1.9	2 Coats of cement plastering Exposed column and beam	m ²	435.36
9.1.10	2 Coats of cement plastering concrete soffit	m ²	536.25
9.1.11	Final Coat of cement Rendering .	m ²	126.63
9.1.12	Final Coat of cement plastering vertical and exposed column and beam	m ²	119.00
9.1.13	Final Coat of cement plastering concrete soffit	m ²	162.17
9.1.14	Final Coat of Gypsum plastering Soffit	m ²	173.95
9.1.15	Final Coat of Gypsum plastering Vertical wall and Exposed column and beam	m ²	144.06
9.1.16	Final Coat of Gypsum plastering external Vertical wall and Exposed column and beam	m ²	130.78
9.2	POINTING		
9.2.1	Cement pointing to H.C.B.wall surface (1:3).	m ²	137.59
9.2.2	Cement pointing to Brick.wall surface (1:3).	m ²	220.40
9.2.3	Cement pointing to stonemasonry.wall surface (1:3).	m ²	245.18
9.3	FLOORING		
9.3.1	2mm. thick PVC flooring, with Adhesive glue	m ²	1,369.14
9.3.2	2mm thick monolithic PVC tile, with Adhesive glue	m ²	1,464.08
9.3.3	10cmx10cmx10cm Cable Stone	m ²	1,316.03
9.3.4	3cm. Thick cement screed flooring	m ²	479.37
9.3.5	5cm. Thick cement screed flooring	m ²	708.76
9.3.6	10 mm thick Ceramic floor tile with Adhesive powder (Local)	m ²	1,409.87
9.3.7	8mm thick Ceramic floor tile with Adhesive powder (Local)	m ²	1,358.87
9.3.10	6mm thick Porcelain floor tile with adhesive powder	m ²	2,508.44
9.3.12	9mm thick Porcelain floor tile with adhesive powder	m ²	2,735.44
9.3.13	10mm thick Porcelain floor tile adhesive powder	m ²	2,837.44
9.3.14	supply and apply 2mm thick Epoxy resins floor topping with one coat primer coating.	m ²	3,217.39
9.3.15	supply and apply 3mm thick Epoxy resins floor topping with one coat primer coating.	m ²	3,600.00
9.3.16	Terrazzo tile flooring size 40cm x 40cmx40mm thick for pedestrian (1:3)	m ²	1,416.64
9.3.17	Terrazzo tile flooring(1:3) 30mm thick(Local)	m ²	1,283.60
9.3.18	Terrazzo tile flooring(1:3) 20mm thick (Local)	m ²	1,221.51
9.3.20	2cm thick Granite flooring (1:3)(Local).	m ²	7,347.82
9.3.21	3cm thick Granite flooring (1:3).(Local)	m ²	7,355.50
9.3.22	2cm thick Marble flooring (1:3).(Local)	m ²	6,692.55
9.3.23	3cm thick Marble flooring (1:3)(Local).	m ²	7,347.91



Prepared by :- Betelihem A.

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Checked by :- Gezahegn G.

Gezahegn G.

Approved by:-Hirut Ayalew

Hirut

9	FINISHING WORKS	Unit	2017, 1st Quarter Direct Cost Only
9.4	WALL TILE CLADDING		
9.4.1	6mm thick white glazed Ceramic wall tile. (Cement mortar ratio1:2).(Local)	m ²	1,452.49
9.4.2	8mm thick Ceramic wall tiles with adhesive powder (Local)	m ²	1,507.03
9.4.3	Supply and fix lay glass mosaic to external wall . Price includes adhesive powder bedding & white cement grouting.	m ²	8,731.68
9.4.4	20mm thick Marble wall Cladding (Cement mortar ratio1:2).(Local)	m ²	8,018.29
9.4.6	20mm thick Granite wall Cladding (Cement mortar ratio1:2).(Local)	m ²	8,366.76
9.4.15	2mm PVC wall tile type cladding by Animal glue	m ²	1,141.98
9.4.16	Aluminium cladding 4mm thick . with out frame.	m ²	3,069.29
9.5	WINDOW SILL(Local)		
9.5.1	30mm. Thick & 220mm width Marble window sill (1:3) on HCB.	ml	1,804.00
9.5.2	30mm. Thick & 280mm width Marble window sill (1:3) on HCB.	ml	2,202.28
9.5.3	30mm. Thick & 300mm width Marble window sill (1:3) on HCB.	ml	2,401.42
9.5.4	30mm. Thick & 470mm width Marble window sill (1:3) on HCB.	ml	3,529.87
9.5.5	30mm. Thick & 520mm width Marble window sill (1:3) on HCB.	ml	3,662.62
9.6	THREAD		
9.6.1	MARBLE THREAD (Local)		
9.6.1.1	280mm wide & 30mm. thick marble threads.(1:3)	ml	2,225.62
9.6.1.2	300mm wide & 30mm. thick marble threads.(1:3)	ml	2,361.04
9.6.1.3	330mm wide & 30mm. thick marble threads.(1:3)	ml	2,564.16
9.6.1.4	280mm wide & 20mm. thick marble threads.(1:3)	ml	2,008.96
9.6.1.5	300mm wide & 20mm. thick marble threads.(1:3)	ml	2,128.90
9.6.1.6	330mm wide & 20mm. thick marble threads.(1:3)	ml	2,308.80
9.6.2	GRANITE THREAD (Local)		
9.6.2.1	280mm. wide & 30mm thick Granite Treads .(1:3)	ml	2,328.37
9.6.2.2	300mm. wide & 30mm thick Granite Treads .(1:3)	ml	2,473.92
9.6.2.3	330mm. wide & 30mm thick Granite Tread .(1:3)	ml	2,692.23
9.6.2.4	280mm. wide & 20mm. thick Granite Tread .(1:3)	ml	2,299.50
9.6.2.5	300mm. wide & 20mm. thick Granite Tread .(1:3)	ml	2,442.97
9.6.2.6	330mm. wide & 20mm. thick Granite Tread .(1:3)	ml	2,658.19
9.6.3	TERRAZZO THREAD(Local)		
9.6.3.1	280mm. wide & 30mm. thick Terrazo threads.(1:3)	ml	430.10
9.6.3.2	300mm. wide & 30mm. thick Terrazo threads.(1:3)	ml	439.05
9.6.3.3	340mm. wide & 30mm. thick Terrazo threads.(1:3)	ml	452.47
9.6.3.4	280mm. wide & 20mm. thick Terrazo threads.(1:3)	ml	409.14
9.6.3.5	300mm. wide & 20mm. thick Terrazo threads.(1:3)	ml	416.59
9.6.3.6	330mm. wide & 20mm. thick Terrazo threads.(1:3)	ml	427.76
9.7	RISER		
9.7.1	MARBLE RISER (Local)		
9.7.1.1	130mm wide & 20mm. thick marble riser. (1:3).	ml	977.04
9.7.1.2	150mm wide & 20mm. thick marble riser. (1:3).	ml	1,100.51
9.7.2	GRANITE RISER (Local)		
9.7.2.1	130mm wide & 20mm. thick Granite riser .(1:3)	ml	1,265.80
9.7.2.2	150mm wide & 20mm. thick Granite riser .(1:3)	ml	1,415.80
9.7.3	TERRAZZO RISER (Local)		
9.7.3.1	130mm wide & 30mm. Thick Terrazo riser. (1:3).	ml	234.17
9.7.3.2	130mm wide & 20mm. Thick Terrazo riser. (1:3).	ml	225.65
9.7.3.3	150mm wide & 20mm. Thick Terrazo riser. (1:3).	ml	237.52

Prepared by :- Betelihem A.

Betelihem A.

Checked by :- Gezaneh G.



Approved by:-Hirut Ayalew

Hirut Ayalew

9	FINISHING WORKS	Unit	2017, 1st Quarter Direct Cost Only
9.8	Threshold (Local)		
9.8.1	Marble threshold		
9.8.1.1	20mm. Thick & 200mm wide Marble threshold.(1:3)	ml	1,440.50
9.8.1.2	20mm. thick & 250mm wide Marble threshold.(1:3)	ml	1,779.81
9.8.2	Granite threshold		
9.8.2.1	20mm. thick & 200mm wide Granite threshold.(1:3)	ml	1,627.22
9.8.2.2	20mm. thick & 250mm wide Granite threshold.(1:3)	ml	1,943.63
9.8.3	Terrazzo threshold		
9.8.3.1	20mm. thick & 200mm w.Terrazzo threshold. (1:3).	ml	282.55
9.8.3.2	20mm. thick & 250mm w. terrazzo threshold.(1:3)	ml	373.72
9.9	Skirting(Local)		
9.9.1	10cm. high PVC skirting 2mm thick	ml	179.53
9.9.2	20mm. thick terrazzo skirting.(Local)	ml	111.80
9.9.5	10cm high 10mm thick Porcelain skirting	ml	341.19
9.9.7	100mm. high wooden skirting. (Local wood)	ml	354.10
9.9.8	10cm high 2cm thick granite skirting (Local)	ml	818.59
9.9.10	20mm Thick, 10cm high Marble skirting (Local)	ml	803.23
9.10	Copping(Local)		
	Marble copping		
9.10.1	300mm wide & 30mm. thick marble copping.(1:3)	ml	2,336.04
9.10.2	450mm wide & 30mm. thick marble copping.(1:3)	ml	3,351.64
9.10.3	300mm wide & 20mm. thick marble copping.(1:3)	ml	2,103.90
9.10.4	450mm wide & 20mm. thick marble copping.(1:3)	ml	3,003.43
9.11	Terrazzo copping		
9.11.1	300mm wide & 30mm. thick terrazzo copping.(1:3)	ml	445.08
9.11.2	450mm wide & 30mm. thick terrazzo copping.(1:3)	ml	515.38
9.11.3	300mm wide & 20mm. thick terrazzo copping.(1:3)	ml	419.51
9.11.4	450mm wide & 20mm. thick terrazzo copping.(1:3)	ml	477.04
	Ceramic flooring With Cement sand mortar(Local)		
1	10mm thick Ceramic floor with cement sand mortar (Local)	m ²	1,340.58
2	9mm thick Ceramic floor tile with cement sand mortar (Local)	m ²	1,309.98
3	8mm thick Ceramic floor tile with cement sand mortar (Local)	m ²	1,289.58
	Porceling flooring with cement sand mortar		
4	8mm thick Porcelain floor tile with cement sand mortar	m ²	2,319.39
5	9mm thick Porcelain floor tile with cement sand mortar	m ²	2,426.51
6	10mm thick Porcelain floor tile with cement sand mortar	m ²	2,533.98
	SPC floor		
7	SPC floor with foam	m ²	1450
8	SPC floor with out foam	m ²	1350
	flamed Grinite(Local)		
9	Flamed Grinite floor tile with cement sand mortar (Local)	m ²	8485.73



Prepared by :- Betelihem A.

Betelihem A.

Checked by :- Gezahegn G.

Gezahegn G.

Approved by:-Hirut Ayalew

Hirut Ayalew

10.0	PAINTING	UNIT	2017E.C 1ST QUARTER (ONLY DIRECT COST)
10.1	SUPER PLASTIC PAINT		
10.1.1	Three coats of plastic paint to wall. Internal	m ²	150.78
10.1.2	Three coats of plastic paint to wall. External	m ²	153.98
10.1.3	Three coats of plastic paint to tyrolean & rendered wall. External	m ²	169.23
10.1.4	Three coats of plastic paint to Exposed column and beam	m ²	157.19
10.1.5	Three coats of plastic paint to chipwood ceiling.	m ²	158.68
10.1.6	Three coats of plastic paint to Plastered ceiling.	m ²	172.18
10.1.7	Three coats of plastic paint to fyzit ceiling.	m ²	155.51
10.1.8	Three coats of plastic paint to abujudid ceiling.	m ²	153.86
10.2	OIL (SYNTHETIC) PAINT		
10.2.1	Three coats of Oil (synthetic) paint to wall. Internal	m ²	205.08
10.2.2	Three coats of Oil (synthetic) paint to wall. External	m ²	206.91
10.2.3	Three coats of Oil (synthetic) paint to Exposed column and beam	m ²	206.91
10.2.4	Three coats of synthetic paint to plastered soffit surface.	m ²	224.58
10.2.5	One coats of antirust two coats of synthetic enamel paint to ribbed sheet soffit	m ²	197.20
10.2.6	One coats of antirust two coats of synthetic enamel paint to metal surface	m ²	177.40
10.2.7	Three coats of varnish paint to wooden vertical surface	m ²	200.63
10.2.8	Three coats of varnish paint to wooden soffit	m ²	220.43
10.2.9	Two coats of Mica paint to internal plastered surface	m ²	199.63
10.2.10	Two coats of Mica paint to external plastered surface	m ²	207.88
10.2.11	Two coats of special aluminum paint to metal vertical surface.	m ²	221.28
10.2.12	Two coats of special antirust paint to GCIS & EGA roof cover	m ²	122.82
10.3	QUARTZ PAINT		
10.3.1	Quartz paint to Plastered surface	m ²	498.88
10.3.2	Mineral paint (marma coat and cera coat)	m ²	106.36
10.3.3	Lime paint ለፕራ- ቀለም የተቀባ/	m ²	87.65
10.3.4	Supply and apply GRANITE PAINTING On external plastered wall surface. Price includes final coat of gypsum, primer painting, three coat of varnish and all the nessarry works.	m ²	691.98
10.3.5	Prepare the surface and apply Contextra (Texura Sparol) paint to plastered HCB wall surface. Price shall include premium acrylic wall putty, two coats of wall primer, two coats of perfix acrylic emulsion color by the enginers approval, two coats of clear weather guard and product must be browed from ISO 9001,14001 and 45001 certified company and it shall be confirmed by the Engineer.	m ²	745.05
10.4	JOTUN PAINTING		
	Pure water based paints that can be applicable on Concrete, blockwork,plastered/rendered surfaces, cement board with alkali resistant primers. VOC content shall be as per ISO 11890-1/2. Final finish shall be matte finish with color subjected to Architect's approval. Full technical datasheet and quality assurance documents shall be submitted along with material submittal and work methodologies. Sample paints on rendered wall to be presented for Designer's and Consultant's approval.		
10.4.1	Apply three coats of plastic emulsion paint to the internal HCB wall.(Type: Jotun or equivalent)	m ²	306.13
10.4.2	Apply three coats of plastic emulsion paint to gypsum board partition wall.(Type: Jotun or equivalent)	m ²	306.13
10.4.3	Ditto to plastered concrete slab soffits.(Type: Jotun or equivalent)	m ²	320.05
10.4.4	Provide sytnthetic paint to walls of wet areas.	m ²	303.35
10.4.5	Apply three coats of plastic emulsion paint to ceiling on wet areas.(Type: Jotun or equivalent)		333.96
10.4.6	Provide three coats of plastic emulsion paint to suspended gypsum ceiling (Type: Jotun or equivalent)		347.88

Prepared by:- Henok Abebe



Checked by:- Getachew Getachew



Approved by:- Hirut Ayalew



10.5	GLAZING		
10.5.1	Supply and fix 3mm clear glass.	m ²	1,315.68
10.5.2	Supply and fix 4mm clear glass.	m ²	1,540.46
10.5.3	Supply and fix 5mm clear glass.	m ²	1,963.85
10.5.4	Supply and fix 6mm clear glass.	m ²	2,513.85
10.5.5	Supply and fix 4mm Figured glass.	m ²	1,803.85
10.5.6	Supply and fix 5mm Figured glass.	m ²	1,923.42
10.5.7	Supply and fix 6mm Figured glass.	m ²	2,066.89
10.5.8	Supply and fix 3mm Frosted glass.	m ²	2,066.89
10.5.9	Supply and fix 4mm Frosted glass.	m ²	2,066.89
10.5.10	Supply and fix 5mm Frosted glass.	m ²	2,545.15
10.5.11	Supply and fix 6mm Frosted glass.	m ²	2,832.11
10.5.12	Supply and fix 4mm Tinted glass.	m ²	1,971.24
10.5.13	Supply and fix 5mm Tinted glass.	m ²	2,258.20
10.5.14	Supply and fix 6mm Tinted glass.	m ²	2,832.11
10.5.15	Supply and fix 4mm Reflected glass.	m ²	1,779.94
10.5.16	Supply and fix 5mm Reflected glass.	m ²	2,353.85
10.5.17	Supply and fix 6mm Reflected glass.	m ²	3,692.98
10.5.18	Supply and fix 6mm Laminated or security glass	m ²	3,501.68
10.5.19	Supply and fix 5mm Wired glass	m ²	2,066.89



Prepared by :- Henok Abebe

Checked by:- Gezahegn Getachew

Approved by:-Hirut Ayalew

	ELECTRICAL WORK	UNIT	2017 E.C 1ST QUARTER (ONLY DIRECT COST)
1.00	ELECTRICAL WORK		
a	KWHm Board (by EEPCo)		
b	1 pcs KWHm; 20/60A-1P 11 KW	No.	6,060.00
c	1 pcs KWHm; 10/30A-1P 7 KW	No.	1,515.00
d	1 pcs KWHm; 15/30A-3P 15 KW	No.	45,450.00
e	1 pcs KWHm; 30/60A-3P 20 KW	No.	55,550.00
f	S/100 A/R 28KW - 45KW	No.	80,800.00
2.00	B)Surface mounted distribution board of metal inclosure MDB-LP with lockable door, complete with bus bar terminals 320A/3ph,neutral and earth bars, and consisting of :-		-
2.10	V) Floor standing distribution board of metal inclosure MDB-EV with lockable door, complete with bus bar terminals 2500A/3ph,neutral and earth bars, and consisting of :-		-
	1 pc main ACB of 2000A/3ph		-
	1 pc RCD of 300mA/4pole		-
	2 pc MCCB of 500A/3ph		-
	3 pc MCCB of 320A/3ph		-
	1 pc MCCB of 250A/3ph		-
	25% reserve pitches	No.	255,620.89
2.30	A) Floor standing Factory made indoor distribution board with IP 44 with lockable door of hinged joints,including three phase bars of 800 Amp rating with separate neutral and earthing bars,connection and mounting accessories; complete with mounting rails for circuit breakers and labels to be made circuit numbers and spare spaces for future expansions of three modules minimum, TRI poles. All internal connections made in compliance with appropriate local and international standards to which references need to be made accordingly. and The distribution pillar shall be on the concrete pad with all necessary accessories Central Main Distribution Board, CMDDB and consisting of :-		
	1 pc main MCCB of 630A/3ph		
	1 pc MCCB of 400A/3ph		
	1 pc MCCB of 250A/3ph		
	1 pc MCB of 40A/3ph		
	1pc surge arrestor of 100KA		
	3Pcs ammeters: 0-630A		
	3Pcs current transformers: 630/5A		
	1pc of voltmeter with selector switch (0-500V)		
	with 4P+E busbar 800A		
	1pc factory made drawing pocket and marking tags for all outgoing.all complete with 40% reserve spaces.	No.	125,966.60
2.40	B)Surface mounted distribution board of metal inclosure MDB-LP with lockable door, complete with bus bar terminals 320A/3ph,neutral and earth bars, and consisting of :-		-
	1 pc main MCCB of 250A/3ph		-
	1 pc RCD of 100mA/4pole		-
	4 pcs MCB of 25A/3ph		-
	1 pc MCB of 32A/3ph		-
	1 pc MCB of 40A/3ph		-
	2 pc MCB of 80A/3ph		-
	25% reserve pitches	No.	53,985.87



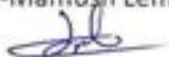
Prepared by :-Mamush Lema

Checked by:- Gezahegn Getachew

Approved by:- Hirut Ayalew

	ELECTRICAL WORK	UNIT	2017 E.C 1ST QUARTER (ONLY DIRECT COST)
2.50	C)Surface mounted distribution board of metal inclosure SDB-LP/GF/A with lockable door, complete with bus bar terminals 100A/3ph,neutral and earth bars, and consisting of :-		-
	1 pc main MCB of 80A/3ph		-
	1 pc RCD of 100mA/4pole		-
	6 pcs MCB of 10A/1ph		-
	2 pc MCB of 16A/1ph		-
	5 pc MCB of 25A/1ph		-
	2 pc MCB of 40A/3ph		-
	25% reserve pitches	No.	37,761.66
			-
2.60	D)Surface mounted distribution board of metal inclosure SDB-LP/GF/B with lockable door, complete with bus bar terminals 100A/3ph,neutral and earth bars, and consisting of :-		-
	1 pc main MCB of 80A/3ph		-
	1 pc RCD of 100mA/4pole		-
	22 pcs MCB of 10A/1ph		-
	7 pc MCB of 16A/1ph		-
	2 pc MCB of 40A/3ph		-
	25% reserve pitches	No.	63,702.69
			-
2.70	E) Flush mounted distribution board of metal inclosure SDB-SH1/GF = SDB-		-
	1 pc main MCB of 25A/1ph, with 25A/1ph digital kilo watt meter		-
	1 pc RCD of 30mA/2pole		-
	1 pc MCB of 10A/1ph		-
	1 pc MCB of 16A/1ph		-
	25% reserve pitches	No.	29,394.17
			-
2.80	F)Surface mounted distribution board of metal inclosure SDB-LP/1BF/A with lockable door, complete with bus bar terminals 32A/3ph,neutral and earth bars, and consisting of :-		-
	1 pc main MCB of 25A/3ph		-
	1 pc RCD of 30mA/4pole		-
	8 pcs MCB of 10A/1ph		-
	4 pc MCB of 16A/1ph		-
	25% reserve pitches	No.	29,512.30
			-
2.90	G)Surface mounted distribution board of metal inclosure SDB-LP/1BF/B with lockable door, complete with bus bar terminals 40A/3ph,neutral and earth bars, and consisting of :-		-
	1 pc main MCB of 32A/3ph		-
	1 pc RCD of 30mA/4pole		-
	9 pcs MCB of 10A/1ph		-
	4 pc MCB of 16A/1ph		-
	3 pc MCB of 25A/1ph		-
	25% reserve pitches	No.	30,480.30
			-
2.10	H) Flush mounted distribution board of metal inclosure SDB-SH1/1BF = SDB-SH3/1BF with lockable door, complete with bus bar terminals 32A/1ph,neutral and earth bars, and consisting of :-		-
	1 pc main MCB of 25A/1ph, with 25A/1ph digital kilo watt meter		-
	1 pc RCD of 30mA/2pole		-

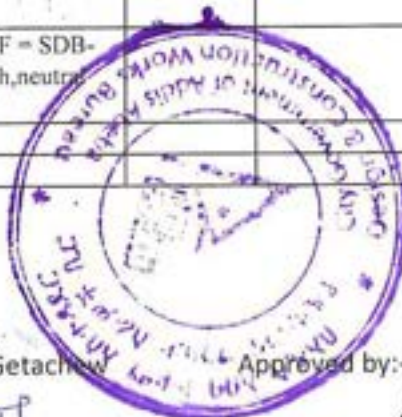
Prepared by :-Mamush Lema



Checked by:- Gezahegn Getachew



Approved by:- Hirut Ayalew

	ELECTRICAL WORK	UNIT	2017 E.C 1ST QUARTER (ONLY DIRECT COST)
	1 pc MCB of 10A/1ph		-
	1 pc MCB of 16A/1ph		-
	25% reserve pitches	No.	26,780.95
			-
2.11	I)Surface mounted distribution board of metal inclosure SDB-LP/2BF/A with lockable door, complete with bus bar terminals 32A/3ph,neutral and earth bars, and consisting of :-		-
	1 pc main MCB of 25A/3ph		-
	1 pc RCD of 30mA/4pole		-
	7 pcs MCB of 10A/1ph		-
	4 pc MCB of 16A/1ph		-
	25% reserve pitches	No.	19,045.44
			-
2.12	J)Surface mounted distribution board of metal inclosure SDB-LP/2BF/B with lockable door, complete with bus bar terminals 32A/3ph,neutral and earth bars, and consisting of :-		-
	1 pc main MCB of 25A/3ph		-
	1 pc RCD of 30mA/4pole		-
	9 pcs MCB of 10A/1ph		-
	4 pc MCB of 16A/1ph		-
	3 pc MCB of 25A/1ph		-
	25% reserve pitches	No.	30,480.30
			-
2.13	K)Surface mounted distribution board of metal inclosure SDB-LP/3BF with lockable door, complete with bus bar terminals 32A/3ph,neutral and earth bars, and consisting of :-		-
	1 pc main MCB of 25A/3ph		-
	1 pc RCD of 30mA/4pole		-
	13 pcs MCB of 10A/1ph		-
	4 pc MCB of 16A/1ph		-
	25% reserve pitches	No.	30,722.30
			-
2.14	L)Surface mounted distribution board of metal inclosure SDB-KCH/3BF with lockable door, complete with bus bar terminals 50A/3ph,neutral and earth bars, and consisting of :-		-
	1 pc main MCB of 40A/3ph		-
	1 pc RCD of 30mA/4pole		-
	4 pcs MCB of 10A/1ph		-
	7 pc MCB of 16A/1ph		-
	1 pc MCB of 20A/1ph		-
	1 pc MCB of 25A/1ph		-
	1 pc MCB of 20A/3ph		-
	25% reserve pitches	No.	30,678.30
			-
2.15	M)Surface mounted distribution board of metal inclosure MDB-UPS with lockable door, complete with bus bar terminals 50A/3ph,neutral and earth bars, and consisting of :-		-
	1 pc main MCB of 40A/3ph		-
	1 pc RCD of 30mA/4pole		-
	3 pcs MCB of 16A/1ph		-
	8 pcs MCB of 20A/1ph		-



Prepared by :-Mamush Lema

Checked by:- Gezahegn Getachew

Approved by:- Hirut Ayalew

	ELECTRICAL WORK	UNIT	2017 E.C 1ST QUARTER (ONLY DIRECT COST)
	2 pcs MCB of 25A/3ph		-
	25% reserve pitches	No.	31,085.30
			-
2.16	N) Flush mounted distribution board of metal inclosure SDB-UPS/GF = SDB-UPS/3BF with lockable door, complete with bus bar terminals 32A/1ph,neutral and earth bars, and consisting of :-		-
	1 pc main MCB of 25A/1ph		-
	1 pc RCD of 30mA/2pole		-
	14 pcs MCB of 16A/1ph		-
	25% reserve pitches	No.	29,299.47
			-
2.17	O)Surface mounted distribution board of metal inclosure MDB-MP with lockable door, complete with bus bar terminals 500A/3ph,neutral and earth bars, and consisting of :-		-
	1 pc main MCCB of 400A/3ph		-
	1 pc RCD of 300mA/4pole		-
	1 pcs MCCB of 250A/3ph		-
	2 pcs MCCB of 63A/3ph		-
	3 pcs MCB of 40A/3ph		-
	25% reserve pitches	No.	69,392.08
			-
2.18	P)Surface mounted distribution board of metal inclosure SDB-MP/1BF/A with lockable door, complete with bus bar terminals 80A/3ph,neutral and earth bars, and consisting of :-		-
	1 pc main MCCB of 63A/3ph		-
	1 pc RCD of 30mA/4pole		-
	7 pcs RCBO of 20A/3ph, Icu 6KA		-
	4 pcs RCBO of 32A/3ph, Icu 6KA		-
	25% reserve pitches	No.	44,043.30
			-
2.19	Q)Surface mounted distribution board of metal inclosure SDB-MP/1BF/B with lockable door, complete with bus bar terminals 50A/3ph,neutral and earth bars, and consisting of :-		-
	1 pc main MCCB of 40A/3ph		-
	1 pc RCD of 30mA/4pole		-
	6 pcs RCBO of 20A/3ph, Icu 6KA		-
	2 pcs RCBO of 32A/3ph, Icu 6KA		-
	25% reserve pitches	No.	33,354.17
			-
2.30	R)Surface mounted distribution board of metal inclosure SDB-MP/2BF/A with lockable door, complete with bus bar terminals 80A/3ph,neutral and earth bars, and consisting of :-		-
	1 pc main MCCB of 63A/3ph		-
	1 pc RCD of 30mA/4pole		-
	6 pcs RCBO of 20A/3ph, Icu 6KA		-
	4 pcs RCBO of 32A/3ph, Icu 6KA		-
	25% reserve pitches	No.	36,676.17
			-
2.31	S)Surface mounted distribution board of metal inclosure SDB-MP/2BF/B with lockable door, complete with bus bar terminals 50A/3ph,neutral and earth bars, and consisting of :-		-
	1 pc main MCCB of 40A/3ph		-
	1 pc RCD of 30mA/4pole		-
	6 pcs RCBO of 20A/3ph, Icu 6KA		-
	2 pcs RCBO of 32A/3ph, Icu 6KA		-
	25% reserve pitches	No.	39,133.47
			-

Prepared by :-Mamush Lema

Checked by :- Gezahegn Getachew

Approved by:- Hirut Ayalew

	ELECTRICAL WORK	UNIT	2017 E.C 1ST QUARTER (ONLY DIRECT COST)
2.32	T)Surface mounted distribution board of metal inclosure SDB-MP/3BF with lockable door, complete with bus bar terminals 50A/3ph,neutral and earth bars, and consisting of :-		-
	1 pc main MCCB of 40A/3ph		-
	1 pc RCD of 30mA/4pole		-
	2 pcs RCBO of 10A/1ph, Icu 6KA		-
	6 pcs RCBO of 20A/3ph, Icu 6KA		-
	2 pcs RCBO of 32A/3ph, Icu 6KA		-
	25% reserve pitches	No.	42,261.30
			-
2.33	U)Surface mounted distribution board of metal inclosure SDB-PUMP with lockable door, complete with bus bar terminals 320A/3ph,neutral and earth bars, and consisting of :-		-
	1 pc main MCCB of 250A/3ph		-
	1 pc RCD of 100mA/4pole		-
	2 pcs RCBO of 20A/3ph, Icu 6KA		-
	1 pc RCBO of 32A/3ph, Icu 6KA		-
	1 pc RCBO of 200A/3ph, Icu 6KA		-
	1 pc MCB of 16A/1ph		-
	1 pc MCB of 10A/1ph		-
	25% reserve pitches	No.	50,925.47
			-
2.34	W)Surface mounted distribution board of metal inclosure SDB-EV/GF with lockable door, complete with bus bar terminals 400A/3ph,neutral and earth bars, and consisting of :-		-
	1 pc main MCCB of 320A/3ph		-
	1 pc RCD of 100mA/4pole		-
	8 pcs MCB of 50A/3ph		-
	25% reserve pitches	No.	70,390.69
			-
2.35	X)Surface mounted distribution board of metal inclosure SDB-EV/1BF/A with lockable door, complete with bus bar terminals 630A/3ph,neutral and earth bars, and consisting of :-		-
	1 pc main MCCB of 500A/3ph		-
	1 pc RCD of 100mA/4pole		-
	12 pcs MCB of 50A/3ph		-
	25% reserve pitches	No.	74,086.69
			-
2.36	Y)Surface mounted distribution board of metal inclosure SDB-EV/1BF/B with lockable door, complete with bus bar terminals 320A/3ph,neutral and earth bars, and consisting of :-		-
	1 pc main MCCB of 250A/3ph		-
	1 pc RCD of 100mA/4pole		-
	6 pcs MCB of 50A/3ph		-
	25% reserve pitches	No.	39,155.47
			-
2.37	Z)Surface mounted distribution board of metal inclosure SDB-EV/2BF/A with lockable door, complete with bus bar terminals 630A/3ph,neutral and earth bars, and consisting of :-		-
	1 pc main MCCB of 500A/3ph		-
	1 pc RCD of 100mA/4pole		-
	12 pcs MCB of 50A/3ph		-
	25% reserve pitches	No.	74,086.69
			-
2.38	A-A)Surface mounted distribution board of metal inclosure SDB-EV/2BF/B with lockable door, complete with bus bar terminals 400A/3ph,neutral and earth bars, and consisting of :-		-

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Checked by:- Gezahegn Getachew

Approved by:- Hirut Ayalew

	ELECTRICAL WORK	UNIT	2017 E.C 1ST QUARTER (ONLY DIRECT COST)
	1 pc main MCCB of 320A/3ph		-
	1 pc RCD of 100mA/4pole		
	7 pcs MCB of 50A/3ph		
	25% reserve pitches	No.	42,418.17
2.39	A-B) Surface mounted distribution board of metal inclosure SDB-EV/3BF with lockable door, complete with bus bar terminals 400A/3ph, neutral and earth bars, and consisting of :-		
	1 pc main MCCB of 320A/3ph		
	8 pcs MCB of 50A/3ph		
	25% reserve pitches	No.	43,342.17
2.40	A) Floor standing Factory made indoor distribution board with IP 44 with lockable door of hinged joints, including three phase bars of 800 Amp rating with separate neutral and earthing bars, connection and mounting accessories; complete with mounting rails for circuit breakers and labels to be made circuit numbers and spare spaces for future expansions of three modules minimum, TRI poles. All internal connections made in compliance with appropriate local and international standards to which references need to be made accordingly. and The distribution pillar shall be on the concrete pad with all necessary accessories Central Main Distribution Board, CMDB and consisting of :-		
	1 pc main MCCB of 630A/3ph		
	1 pc MCCB of 500A/3ph		
	1 pc MCCB of 160A/3ph		
	1 pc MCB of 50A/3ph		
	1pc surge arrestor of 100KA		
	3Pcs ammeters: 0-630A		
	3Pcs current transformers: 630/5A		
	1pc of voltmeter with selector switch (0-500V)		
	with 4P+E busbar 800A		
	1pc factory made drawing pocket and marking tags for all outgoing, all complete with 40% reserve spaces.	No.	93,652.43
2.41	B) Floor standing distribution board of metal inclosure MDB-EV/1BF with lockable door, complete with bus bar terminals 1600A/3ph, neutral and earth bars, and consisting of :-		
	1 pc main MCCB of 1250A/3ph		
	1 pc RCD of 500mA/4pole		
	10 pcs MCB of 40A/1ph		
	10 pcs MCB of 50A/3ph		
	1 pc main MCCB of 250A/3ph		
	1 pc main MCCB of 500A/3ph		
	40% reserve pitches	No.	145,019.08
2.42	C) Surface mounted distribution board of metal inclosure SDB-EV/2BF with lockable door, complete with bus bar terminals 630A/3ph, neutral and earth bars, and consisting of :-		
	1 pc RCD of 100mA/4pole		
	10 pcs MCB of 40A/1ph		
	10 pcs MCB of 63A/3ph		
	25% reserve pitches	No.	99,512.56

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	ELECTRICAL WORK	UNIT	2017 E.C 1ST QUARTER (ONLY DIRECT COST)
2.43	D)Surface mounted distribution board of metal inclosure SDB-EV/3BF with lockable door, complete with bus bar terminals 320A/3ph,neutral and earth bars, and consisting of :-		
	1 pc main MCCB of 250A/3ph		
	1 pc RCD of 100mA/4pole		
	5 pcs MCB of 40A/1ph		
	5 pcs MCB of 63A/3ph		
	25% reserve pitches	No.	46,134.82
2.44	E)Surface mounted distribution board of metal inclosure MDB-LP with lockable door, complete with bus bar terminals 200A/3ph,neutral and earth bars, and consisting of :-		
	1 pc main MCCB of 160A/3ph		
	1 pc RCD of 100mA/4pole		
	5 pcs MCB of 10A/13ph		
	1 pcs MCB of 16A/13ph		
	5 pc MCB of 25A/3ph		
	1 pc MCB of 40A/3ph		
	1 pcs MCB of 50A/3ph		
	1 pc MCB of 63A/3ph		
	25% reserve pitches	No.	45,078.34
2.45	F)Surface mounted distribution board of metal inclosure SDB-LP/GF/A with lockable door, complete with bus bar terminals 80A/3ph,neutral and earth bars, and consisting of :-		
	1 pc main MCB of 63A/3ph		
	1 pc RCD of 100mA/4pole		
	3 pcs MCB of 10A/1ph		
	2 pc MCB of 16A/1ph		
	2 pc MCB of 40A/3ph		
	25% reserve pitches	No.	34,131.30
2.46	G)Surface mounted distribution board of metal inclosure SDB-LP/GF/B with lockable door, complete with bus bar terminals 63A/3ph,neutral and earth bars, and consisting of :-		
	1 pc main MCB of 50A/3ph		
	1 pc RCD of 100mA/4pole		
	6 pcs MCB of 10A/1ph		
	1 pc MCB of 40A/3ph		
	25% reserve pitches	No.	36,092.30
2.47	H)Surface mounted distribution board of metal inclosure SDB-LP/1BF/A with lockable door, complete with bus bar terminals 32A/3ph,neutral and earth bars, and consisting of :-		
	1 pc main MCB of 25A/3ph		
	1 pc RCD of 30mA/4pole		
	5 pcs MCB of 10A/1ph		
	4 pc MCB of 16A/1ph		
	25% reserve pitches	No.	22,950.17
2.48	I)Surface mounted distribution board of metal inclosure SDB-LP/1BF/B with lockable door, complete with bus bar terminals 32A/3ph,neutral and earth bars, and consisting of :-		
	1 pc main MCB of 25A/3ph		

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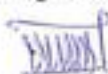
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	ELECTRICAL WORK	UNIT	2017 E.C 1ST QUARTER (ONLY DIRECT COST)
	1 pc RCD of 30mA/4pole		
	4 pcs MCB of 10A/1ph		
	5 pc MCB of 16A/1ph		
	25% reserve pitches	No.	22,950.17
2.49	J)Surface mounted distribution board of metal inclosure SDB-LP/2BF/A with lockable door, complete with bus bar terminals 32A/3ph,neutral and earth bars, and consisting of :-		
	1 pc main MCB of 25A/3ph		
	1 pc RCD of 30mA/4pole		
	5 pcs MCB of 10A/1ph		
	4 pc MCB of 16A/1ph		
	25% reserve pitches	No.	28,777.30
2.50	K)Surface mounted distribution board of metal inclosure SDB-LP/2BF/B with lockable door, complete with bus bar terminals 32A/3ph,neutral and earth bars, and consisting of :-		
	1 pc main MCB of 25A/3ph		
	1 pc RCD of 30mA/4pole		
	3 pcs MCB of 10A/1ph		
	4 pc MCB of 16A/1ph		
	25% reserve pitches	No.	28,293.30
2.51	L)Surface mounted distribution board of metal inclosure SDB-LP/3BF/B with lockable door, complete with bus bar terminals 32A/3ph,neutral and earth bars, and consisting of :-		
	1 pc main MCB of 25A/3ph		
	1 pc RCD of 30mA/4pole		
	6 pcs MCB of 10A/1ph		
	4 pc MCB of 16A/1ph		
	25% reserve pitches	No.	23,192.17
2.52	M) Flush mounted distribution board of metal inclosure SDB-KCH/3BF with lockable door, complete with bus bar terminals 50A/3ph,neutral and earth bars, and consisting of :-		
	1 pc main MCB of 40A/3ph		
	1 pc RCD of 100mA/4pole		
	4 pcs MCB of 10A/1ph		
	7 pcs MCB of 16A/1ph		
	2 pc MCB of 25A/1ph		
	1 pc MCB of 25A/3ph		
	25% reserve pitches	No.	37,269.30
2.53	N)Surface mounted distribution board of metal inclosure MCB with lockable door, complete with bus bar terminals 630A/3ph,neutral and earth bars, and consisting of :-		
	1 pc main MCCB of 500A/3ph		
	1 pc RCD of 300mA/4pole		
	1 pcs MCCB of 32A/3ph		
	4 pcs MCCB of 80A/3ph		
	1 pcs MCCB of 100A/3ph		
	1 pcs MCCB of 250A/3ph		
	25% reserve pitches	No.	95,484.17

Prepared by :-Mamush Lema



Checked by:- Gezahegn Getachew



Approved by:- Hirut Ayalew




	ELECTRICAL WORK	UNIT	2017 E.C 1ST QUARTER (ONLY DIRECT COST)
2.54	O)Surface mounted distribution board of metal inclosure SDB-MP/GF/A with lockable door, complete with bus bar terminals 40A/3ph,neutral and earth bars, and consisting of :- 1 pc main MCB of 32A/3ph 1 pc RCD of 30mA/4pole 4 pcs MCB of 16A/1ph 2 pcs MCB of 25A/3ph 25% reserve pitches	No.	23,522.17
2.55	P)Surface mounted distribution board of metal inclosure SDB-MP/1BF/A with lockable door, complete with bus bar terminals 160A/3ph,neutral and earth bars, and consisting of :- 1 pc main MCCB of 80A/3ph 1 pc RCD of 30mA/4pole 6 pcs MCB of 20A/3ph 2 pcs MCB of 50A/3ph 25% reserve pitches	No.	28,768.69
2.56	Q)Surface mounted distribution board of metal inclosure SDB-MP/1BF/B with lockable door, complete with bus bar terminals 100A/3ph,neutral and earth bars, and consisting of :- 1 pc main MCCB of 80A/3ph 1 pc RCD of 30mA/4pole 3 pcs MCB of 20A/3ph 2 pcs MCB of 50A/3ph 25% reserve pitches	No.	28,768.69
2.57	R)Surface mounted distribution board of metal inclosure SDB-MP/2BF/A with lockable door, complete with bus bar terminals 100A/3ph,neutral and earth bars, and consisting of :- 1 pc main MCCB of 80A/3ph 1 pc RCD of 30mA/4pole 6 pcs MCB of 20A/3ph 2 pcs MCB of 50A/3ph 25% reserve pitches	No.	31,441.69
2.58	S)Surface mounted distribution board of metal inclosure SDB-MP/2BF/B with lockable door, complete with bus bar terminals 125A/3ph,neutral and earth bars, and consisting of :- 1 pc main MCCB of 100A/3ph 1 pc RCD of 30mA/4pole 3 pcs MCB of 20A/3ph 3 pcs MCB of 50A/3ph 25% reserve pitches	No.	35,861.30
2.59	T)Surface mounted distribution board of metal inclosure SDB-MP/3BF/B with lockable door, complete with bus bar terminals 160A/3ph,neutral and earth bars, and consisting of :- 1 pc main MCCB of 80A/3ph 1 pc RCD of 30mA/4pole 3 pcs MCB of 20A/3ph 3 pcs MCB of 50A/3ph 25% reserve pitches	No.	29,692.69
2.60	U)Surface mounted distribution board of metal inclosure SDB-PUMP with lockable door, complete with bus bar terminals 320A/3ph,neutral and earth bars, and consisting of :-		

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	ELECTRICAL WORK	UNIT	2017 E.C 1ST QUARTER (ONLY DIRECT COST)
	1 pc main MCCB of 250A/3ph		
	1 pc RCD of 100mA/4pole		
	2 pcs MCB of 20A/3ph		
	1 pc MCB of 32A/3ph		
	1 pc MCCB of 200A/3ph		
	25% reserve pitches	No.	43,006.52
2.61	VN) Surface mounted distribution board of metal inclosure MDB-UPS with lockable door, complete with bus bar terminals 63A/3ph, neutral and earth bars, and consisting of :-		
	1 pc main MCB of 50A/3ph		
	1 pc RCD of 100mA/4pole		
	2 pcs MCB of 16A/1ph		
	7 pcs MCB of 20A/1ph		
	1 pcs MCB of 25A/1ph		
	25% reserve pitches	No.	35,652.30
2.62	W) Flush mounted distribution board of metal inclosure SDB-UPS/1 with lockable door, complete with bus bar terminals 32A/1ph, neutral and earth bars, and consisting of :-		
	1 pc main MCB of 25A/1ph		
	1 pc RCD of 30mA/2pole		
	15 pcs MCB of 16A/1ph		
	25% reserve pitches	No.	29,580.30
3.00	Light point		
3.2.1	Conductor (2x2.5mm ²)		
	PVC conduit 16mm		
	Junction Box		
	Connector	PCS	2,080.59
3.2.2	Conductor (3x2.5mm ²)		
	PVC conduit 16mm		
	Junction Box		
	Connector	PCS	2,549.59
3.2.3	Conductor (2x2.5mm ²)		
	PVC conduit 16mm		
	Junction Box		
	Connector		
	1.inch steel pipe	PCS	3,957.38
3.2.4	Conductor (3x4mm ²)		
	PVC conduit 50mm		
	Junction Box		
	Connector	PCS	2,549.59
3.2.5	Conductor (5x4mm ²)		
	PVC conduit 25mm		
	Junction Box		
	Connector	PCS	6,910.39
3.2.6	Conductor (5x2.5mm ²)		
	PVC conduit 20mm		
	Junction Box		
	Connector	PCS	5,616.99
3.30	SWITCHES		
3.3.1	Normal switch	pcs	221.85
3.20	Flush mounted single switch 774001+774041	PCS	323.85
3.3.3	Flush mounted 2 gang single switch ,774005+774041	PCS	476.85
3.3.4	Flush mounted 2 gang two way switch ,774005+774041	PCS	323.85
3.3.5	Flush mounted two way switch, 774006+774041	PCS	395.25
3.3.6	Intermediate switch	PCS	476.85
3.40	Socket outlet point		
3.4.1	Conductor (3x6mm ²)		

Prepared by :- Mamush Lema

Checked by: Gezahegn Getachew

Approved by:- Hirut Ayalew

	ELECTRICAL WORK	UNIT	2017 E.C 1ST QUARTER (ONLY DIRECT COST)
	PVC conduit 25mm		
	Junction Box		
	Connector	PCS	5,627.69
3.4.2	Conductor (3x2.5mm ²)		
	PVC conduit 16mm		
	Junction Box		
	Connector	PCS	2,459.69
3.4.3	Conductor (3x2.5mm ²)		
	PVC conduit 25mm		
	Junction Box		
	Connector	PCS	2,459.69
3.4.4	Conductor (3x4mm ²)		
	PVC conduit 25mm		
	Junction Box		
	Connector	PCS	4,052.69
3.4.5	Conductor (5x2.5mm ²)		
	Conduit (25mm)		
	Junction Box		
	Connector	PCS	3,746.69
3.50	Power outlet point		
3.5.1	25A/1P power outlet points fed through PVC sheathed and PVC insulated cable of 3x6mm ² inside PVC conduit 25mm diameter with all accessories for surface installation including surface mounting junction boxes with covers and insulating screw cap connectors. (length ave=25m)	PCS	2,788.60
3.5.2	32A/3P power outlet points fed through PVC sheathed and PVC insulated cable of 3x10mm ² inside PVC Conduit 32mm diameter with all accessories for surface installation including surface mounting junction boxes with covers and insulating screw cap connectors.(length ave=25m)	PCS	4,554.94
3.5.3	50A/3p Power outlet point for Lift machine fed through PVC sheathed cable of 5x10 sqmm in PVC conduits of 50mm diameter including junction boxes with covers and insulating screw cap connectors.(Average length 10m)	PCS	3,458.20
11.5.4	16A/1P power outlet points fed through PVC sheathed Cable of 3x2.5mm ² inside PVC conduit of 16mm diameter including junction boxes with covers and insulating screw cap connectors.reserve for fan outlets	PCS	1,421.65
11.5.5	32A/3P power outlet points for Confrence AHU Chiller fed through PVC shethed Cable of 5x6mm ² inside PVC conduit of 29mm diameter including junction boxes with covers and insulating screw cap connectors.(Average length =40m)	PCS	7,116.16
3.5.6	Surface mounted fan points fed through PVC insulated conductors of 3x2.5 mm ² inside PVC conduits of 16 mm diameter, including junction boxes with covers insulating screw cap connectors.	PCS	1,159.21
3.5.7	Ceiling fan type VORTICE NORDIK 120cm/48 inches code no 61711	PCS	6,718.87

Prepared by :-Mamush Lema



Checked by :- Gerazem Gerachew



Approved by:- Hirut Ayalew



	ELECTRICAL WORK	UNIT	2017 E.C 1ST QUARTER (ONLY DIRECT COST)
3.5.8	Five position speed controller model SCNR5 code 12955.	PCS	1,709.75
3.60	EXTRA OVER SOCKET OUTLETS		
3.6.1	Single socket economic /Mh.7/	pc	221.85
3.6.2	Flush mounting single socket of 10A/1P.	pc	395.25
3.6.3	FLUSH MOUNTED Socket outlet	PCS	395.25
3.6.4	FLUSH MOUNTED Socket outlet twin	PCS	476.85
3.6.5	FLUSH MOUNTED Socket outlet 20A/1P	PCS	395.25
3.6.6	FLUSH MOUNTED Socket outlet for water heater	PCS	563.33
3.6.7	Industrial type Socket outlet of 16A/1P, Legrand p 17 tempr, 55553	PCS	578.85
3.6.8	INDUSRIAL TYPE Socket outlet of 16A/3P, Legrand p 17 tempr, 55558	PCS	1,007.25
3.41	LED Lamps		
3.41.1	Panel LED 30x30 18W 3500lm If 30000hr 3000k	PCS	725.01
3.41.2	Panel LED 30x30 24W 3500lm If 30000hr 4000k	PCS	725.01
3.41.3	Panel LED 30x60 24W 3500lm If 30000hr 3000k	PCS	1,681.54
3.41.4	Panel LED 30x60 36W 3500lm If 30000hr 3000k	PCS	1,681.54
3.41.5	Panel LED 60x60 24W 3500lm If 30000hr 4000k	PCS	1,985.88
3.41.6	Panel LED 60x60 36W 4750lm If 30000hr 4000k	PCS	1,985.88
3.41.7	Panel LED 60x60 48W 4750lm If 30000hr 4000k	PCS	1,985.88
3.41.8	circular Panel LED 18W 2750lm If 30000hr 4000k wp	PCS	638.06
3.41.9	circular Panel LED 24W 2750lm If 30000hr 4000k wp	PCS	638.06
3.41.10	circular Panel LED 36W 2750lm If 30000hr 4000k wp	PCS	734.80
3.41.11	RZB.451168.002 910lm with LED 10W lamp.	PCS	2,459.80
3.41.13	led surface crystal 24w 1500lm and LED 27 W Lamp with 4x24 W energy saving	PCS	3,509.80
3.41.16	RZB.581626.0031 2000lm with LED 26W lamp.	PCS	4,759.80
3.41.20	double face exit lamp with 3hr kit	PCS	2,109.80
3.41.21	emergency lamp with 3hr kit	PCS	3,203.28
3.41	Light Fitting and Lamps		
3.41.1	TYPE-1 = MODUS IKO(P) EP 1X36W/840	PCS	1,356.58
3.41.2	TYPE-2 = DISANO 727 COMFORT 2X36W/840	PCS	1,787.50
3.41.3	TYPE-2E = DISANO 727 COMFORT 2X36W + EM.KIT	PCS	3,878.20
3.41.4	TYPE-3 =DISANO 776 COMFORT 2X36W/840	PCS	1,787.50
3.41.5	TYPE-4 = DISANO 776 COMFORT 4X18W/840	PCS	2,077.87
3.41.6	TYPE-4* =DISANO 877 COMFORT 4X18W/840	PCS	2,368.25
3.41.7	TYPE-5 = DISANO 883 COMPACT FLC 2X18W	PCS	2,318.30
3.41.8	TYPE-6 = DISANO 418-RIGO FL-1X13 ECO	PCS	2,368.25
3.41.9	TYPE-7= RZB 221044.984 TC-D 18W	PCS	718.92

Prepared by :-Mamush Lema

Checked by:- Gezahegn Getachew

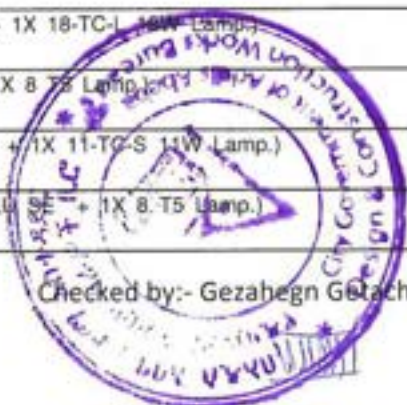
Approved by:- Hirut Ayalew

	ELECTRICAL WORK	UNIT	2017 E.C 1ST QUARTER (ONLY DIRECT COST)
3.41.10	TYPE-8 =PHILIPS pacific TCW216 1x36w/840	PCS	2,368.25
3.41.11	TYPE-9 =DISANO 3123 DIRECT/INDIRECT JM-E 150W	PCS	5,968.90
3.41.12	TYPE-10 =DISANO 727 COMFORT FL-4X36W	PCS	2,426.32
3.41.13	TYPE-10E= DISANO 727 COMFORT FL-4X36W +EM.KIT	PCS	2,368.25
3.41.14	TYPE-11= PHILIPS TBH375 2XTL-D 58 W LAMP	PCS	3,332.29
3.41.15	TYPE-12 = RZB 311189.952 TC-D 4X26W	PCS	1,322.90
3.41.16	TYPE-13= RZB 331090.834 TC-T 2X26W	PCS	1,903.65
3.41.17	TYPE-14= DISANO 1159 INDIO- ASYMETRIC JM-T 400	PCS	2,368.25
3.41.18	TYPE-15= PHILIPS BATTEN TMS 022 IC 1X36 /840W	PCS	551.66
3.41.19	Type EXIT = MODUS TIGER + 1XT5 8WLamp	PCS	3,088.38
3.41.20	TYPE-E1 DISANO 612 SAFTY ONLY EMERGENCY 3H S.E FLC 18L	PCS	162.41
3.41.21	Type 13(RZB 931089.952 + TCD-2X26W Lamps.)	PCS	1,148.67
3.41.22	Type 14(DISANO 920 Hydro FL-2x36 + 2X T8 18W/840 Lamps.)	PCS	1,624.89
3.41.23	Type 15(DISANO 3132 Tex wide beam + 1X CDM-T 150W Lamp.)	PCS	3,332.29
3.41.24	Type 16(DISANO 1290 Cilindro 1 + 2X CDM-T 35W Lamps.)	PCS	1,990.76
3.41.25	Type 17(DISANO 1294 Cilindro + 1X CDM-T 35W Lamp.)	PCS	1,685.86
3.41.26	Type 19(MASSIVE Breeze 34096/11/10 + 2XG9 max. 25W Lamps.)	PCS	917.53
3.41.27	Type 20(RZB 631058.224 + 1XTC-TEL 42W Lamp.)	PCS	1,990.76
3.41.28	TYPE-A= PHILIPS ARENAVISON MVF 404 B1 with 1x MHN-SEH 2000W/400V/956	PCS	56,135.83
3.41.29	TYPE-B=PHILIPS ARENAVISON MVF 404 B3 with 1x MHN-SEH 2000W/400V/956	PCS	55,652.06
3.41.30	Obstruction light LED Philips to be fixed on the highest point of the mast. Provide necessary accessories on the arms for fixing it.	PCS	2,112.72
3.41.31	Supply and fix floor standing IP65 metallic enclosure with locable door to accommodate 82 pices of flood light gears .	PCS	24,552.90
3.41.32	Type 25(DISANO 3132 Tex wide beam + 1X SAP-T 150W Lamp.)	PCS	3,271.89
3.41.33	Type 26(DISANO 1298 Meridiana + 1X JM-TS 70 W Lamp.)	PCS	1,990.76
3.41.34	Type 27(DISANO 3132 Tex narrow beam + 1X CDM-T 150W Lamp.)	PCS	3,210.33
3.41.35	Type E1(MODUS HELIOS 18 SE + 1X 18-TC-L 18W Lamp.)	PCS	1,319.99
3.41.36	Type E2(MODUS TIGER P SE + 1X 8-T5 Lamp.)	PCS	893.14
3.41.37	Type Exit(MODUS PANORAMA SE + 1X 11-TC-S 11W Lamp.)	PCS	3,576.21
3.41.38	Directional Exit(MODUS ESCAPE ALU SE + 1X 8-T5 Lamp.)	PCS	3,576.21

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Approved by:- Hirut Ayalew



	ELECTRICAL WORK	UNIT	2017 E.C 1ST QUARTER (ONLY DIRECT COST)
3.41.39	Type 3(DISANO 1664 Ghisallo 1 with glass + 1x SAP-T 250W Lamp.)	PCS	5,039.70
3.41.40	Type 18(DISANO 1202 Polar with glass + 1x SAP-E 100W Lamp.)	PCS	3,210.33
3.41.41	Fluorescent fitting type MODUS		-
3.41.42	TU 236K + 2XT8 36W/840 lamps(No 1).	PCS	1,168.42
3.41.43	Fluorescent fitting type MODUS		-
3.41.44	TU 236K + RFTUB 236 + 2XT8 36W/840W(No 2)	PCS	1,168.42
3.41.45	Fluorescent fitting type MODUS		-
3.41.46	TU 118K + 1XT8 18W/480 LAMP(No 3) & No10	PCS	730.07
3.41.47	Fluorescent fitting type MODUS		-
3.41.48	TU 136K + 1XT8 36W/840 LAMP(No 4)	PCS	730.07
3.41.49	Fluorescent fitting type MODUS		-
3.41.50	P 236K + 2XT8 36W/840 LAMPS(No 5 & 15)	PCS	2,615.75
3.41.51	Interior wall light fitting type RZB 25146.003 + A60 60W LAMP(No 6)	PCS	931.47
3.41.52	Exterior wall light fitting type RZB 22130.003 + A60 100W LAMP(No 7)	PCS	730.07
3.41.53	Emergency light fitting type RZB 671467.752 with T16 8W/3h lamp and EXIT sign (E1)	PCS	4,663.37
3.41.54	Fluorescent fitting type MODUS		-
3.41.55	P 136K + 2XT8 36W/840 LAMPS(No 11)	PCS	2,056.97
3.41.56	Emergency light fitting type RZB 671467.752 with T16 8W/3h lamp and EXIT sign (E1)	PCS	4,663.37
3.41.57	Emergency light fitting type RZB 671467.752 with T16 8W/3h lamp (E)	PCS	4,663.37
3.41.58	Fluorescent fitting type MODUS TU 236K +RFTUB 236+2xT8 36W/840 lamps suspended by 2.0m rigid steel conduit of 16mm diameter.	PCS	1,264.82
3.41.59	LED Ceiling lamp,25W, dia 380mm	PCS	3,666.30
3.41.60	LED panel lamp,595x595,40w	PCS	3,399.66
3.41.61	LED Ceiling lamp,18w, dia 330mm,waterproof	PCS	1,011.01
3.41.62	LED wall/ceiling mounted lamp,24w	PCS	1,277.65
3.41.63	RZB 721284.734+ 981399.000+1XHIE 1000W Lamp	PCS	33,723.92
3.42	Lightning Protection System		-
3.42.1	Early Streamer Emmision(ESE) Protector SI 60 to be mounted on top of the flood light pole of H=53m and all necessary connecting accessories.	PCS	32,729.39
3.42.2	16mm Air Termination circular galvanized steel rod 1.0m length	PCS	431.75
3.42.3	25 x 3mm insulated copper tape with vertical supportings every 1m to the pole & all the necessary accessories coordinate the routing of down conductors with the pole external skin and architectural	ml	1,151.39

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Checked by:- Gezahegn Getachew

Approved by:- Hirut Ayalew

	ELECTRICAL WORK	UNIT	2017 E.C 1ST QUARTER (ONLY DIRECT COST)
3.42.4	1x70mm.sq galvanized Steel earth conductor ring as indicated on the drawing	ml	183.59
3.42.5	b) (1x10)mm sq. bare copper bonding conductor from earth rod to SDP-1 & MDP-1	ml	76.57
3.42.6	c) (1x25) mm sq. bare copper bonding conductor from earth rod to SDP-2	ml	129.18
3.42.7	d) (1x50)mm sq. bare copper bonding conductor from earth rod to SDP-3	ml	212.59
3.42.8	Circular bare galvanized steel conductor of 10mm from testing junction box to earth rod	ml	163.69
3.42.9	Diameter 16mm & 1500mm long copper rod	ml	753.97
3.42.10	a) 1500x16mm copper bond earthing rod including accessories inside manhole for SDP 1 , SDP-2, SDP-3 & MDP-1	PCS	740.26
3.42.11	30x3.5mm galvanized steel ring earth termination net work.	ml	289.64
3.42.12	1500mm long and 50x50x3mm X-head galvanized steel earth rod including all connecting accessories.	PCS	1,592.55
3.42.13	Bonding materials for down conductor with air termination		-
3.42.14	Bonding materials to roof conductors holder		-
3.42.15	Bonding down conductor		-
3.42.16	Distance holders for earth termination	PCS	11,176.72
3.42.17	Bonding materials for down conductor with air termination		-
3.42.18	Bonding materials to roof conductors holder		-
3.42.19	Bonding down conductor		-
3.42.20	Distance holders for earth termination	PCS	14,270.41
3.42.21	Bonding materials for down conductor with air termination		-
3.42.22	Bonding materials to roof conductors holder		-
3.42.23	Bonding down conductor		-
3.42.24	Distance holders for earth termination	PCS	14,255.24
3.42.25	Bonding materials for down conductor with air termination		-
3.42.26	Bonding materials to roof conductors holder		-
3.42.27	Bonding down conductor		-
3.42.28	Distance holders for earth termination	PCS	11,632.41
3.42.29	Bonding materials for down conductor with air termination		-
3.42.30	Bonding materials to roof conductors holder		-

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	ELECTRICAL WORK	UNIT	2017 E.C 15T QUARTER (ONLY DIRECT COST)
3.42.31	Bonding down conductor		-
3.42.32	Distance holders for earth termination	PCS	13,451.49
3.43	Low voltage system earthing		-
3.43.1	1x50mm. Sq. Bare copper bonding conductor	ml	242.88
4.00	Feeder Cables (POWER CABLE 0.6/1KV)		
4.1.1	100x130 CABLE TRENCH	ml	7,442.13
4.1.2	3x70/35+1x35sq.mm	ml	5,061.66
4.1.3	3x50/25+1x25sq.mm	ml	4,480.16
4.1.4	3x25/16+1x16sq.mm	ml	3,032.66
4.1.5	2x2.5sqmm	ml	912.66
4.1.6	2x2.5sqmm Cable conduit 16mm	ml	377.34
4.1.7	3x4 sq.mm	ml	502.16
4.1.8	3x6sq.mm	ml	694.66
4.1.9	3x10sq.mm	ml	1,081.31
4.1.10	3x4sqmm Cable conduit 25mm	ml	535.31
4.1.11	3x6sqmm Cable conduit 32mm	ml	719.06
4.1.12	3x10sqmm Cable conduit 36mm	ml	1,131.71
4.1.13	5x4sq.mm	ml	742.16
4.1.14	5x6sq.mm	ml	1,080.01
4.1.15	5x10sq.mm	ml	1,330.16
4.1.16	5x16sqmm Cable	ml	2,648.34
4.1.17	5x4sqmm Cable conduit 25mm	ml	792.56
4.1.18	5x 6sqmm Cable conduit 32mm	ml	1,021.25
4.1.19	5x10sqmm Cable conduit 36mm	ml	1,627.74
4.1.20	5x16sqmm Cable conduit 50mm	ml	2,698.74
4.1.21	3x25/16	ml	2,438.34
4.1.22	3x35/16	ml	3,593.34
4.1.23	3x95/50	ml	4,439.01
4.1.24	3x240/120	ml	15,199.23
4.1.25	3x35/16+1x16 from MLPP- STA to LPP-N-0-85-86	ml	3,183.84
4.1.26	3x120/70+1x70 from CMDB toSDP1	ml	6,039.27
4.1.27	3x150/70+1x70 from CMDB toSDP1	ml	7,827.32
4.1.28	3x185/95+1x95 from MLPP- STA to LPP-W-0-57-58	ml	8,034.32
4.1.29	3x300/150+1x150 from MLPP- STA to LPP-W-0-57-58	ml	24,624.32

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	ELECTRICAL WORK	UNIT	2017 E.C 1ST QUARTER (ONLY DIRECT COST)
4.1.30	Insulated ground connecting copper cable of 1x70sq.mm	ml	998.41
4.1.31	Conduits and Pipes		
4.1.32	PVC Pipe Dia32mm	PCS	140.46
4.1.33	PVC Pipe Dia 36mm	PCS	190.18
4.1.34	PVC Pipe Dia50mm	PCS	211.42
4.1.35	PVC Pipe Dia75mm	PCS	290.16
4.1.36	PVC Pipe Dia80mm	PCS	292.94
4.1.37	PVC Pipe Dia110mm	PCS	449.88
4.1.38	PVC Pipe Dia160mm	PCS	964.04
5.00	CABLE LADDER		
5.1.1	Hot dip galvanized after fabrication, cable ladder, approved type including joint, elbows and T-joint for horizontal change in direction, hinged connector for vertical change in direction, wall, cover & pendant brackets for support from the wall and ceiling respectively complete with connectors and a-200mmx100mmx 1.6mm for power cables through risers having all the necessary accessories necessary accessories	M	2,200.00

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	ELECTRICAL WORK	UNIT	2017 E.C 15T QUARTER (ONLY DIRECT COST)
5.1.2	Hot dip galvanized after fabrication, cable ladder, approved type including joint, elbows and T-joint for horizontal change in direction, hinged connector for vertical change in direction, wall, cover & pendant brackets for support from the wall and ceiling respectively complete with connectors and a-300mmx100mmx 2mm for power cables through risers having all the necessary accessories necessary accessories	M	3,060.87
26 05 36	Cable Tray for Electrical System		-
	Hot dip galvanized steel cable tray, size of 300mm x 100mm x 1.6mm section for power cables, perforated type including sheet metal cover, ceiling support bracket every 1.5m, bends, and other fixing accessories.	M	3,347.83
5.1.3	Hot dip galvanized steel cable tray, size of 200mm x 100mm x 1.6mm section for weak current cables, perforated type including sheet metal cover, ceiling support bracket every 1.5m, bends, and other fixing accessories.	M	2,391.30
5.1.3	Hot dip galvanized steel cable ladder, size of 300mm x 100mm x 2mm section for power cables, perforated type including sheet metal cover, ceiling support bracket every 1.5m, bends, and other fixing accessories.	M	3,347.83
6.00	PARKING LIGHTING CONTROL		
6.1.1	Surface mounted switch board SB-1 (ground floor) with lockable door, complete with DIN-rails, 30% reserve space, and consisting of:-		
	1 pc Programmable time switch for 24hours working reserve, 230V, 50Hz,		
	9pcs 16A/1ph isolator switch with three spare space		
	9pcs 16/1p contactor	No.	74,408.26
6.1.2	Surface mounted switch board SB-1 (1st basement floor) with lockable door, complete with DIN-rails, 30% reserve space, and consisting of:-		
	1 pc Programmable time switch for 24hours working reserve, 230V, 50Hz,		
	9pcs 16A/1ph isolator switch with three spare space		
	9pcs 16/1p contactor	No.	74,408.26

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	ELECTRICAL WORK	UNIT	2017 E.C 1ST QUARTER (ONLY DIRECT COST)
6.1.3	Surface mounted switch board SB-2 (1st basement floor) with lockable door, complete with DIN-rails, 30% reserve space, and consisting of:-		
	1 pc Programmable time switch for 24hours working reserve, 230V, 50Hz,		
	8pcs 16A/1ph isolator switch with three spare space		
	8pcs 16A/1ph contactor	No.	
			68,213.26
6.1.4	Surface mounted switch board SB-1 (2nd basement floor) with lockable door, complete with DIN-rails, 30% reserve space, and consisting of:-		
	1 pc Programmable time switch for 24hours working reserve, 230V, 50Hz,		
	9pcs 16A/1ph isolator switch with three spare space		
	9pcs 16/1p contactor	No.	74,408.26
6.1.5	Surface mounted switch board SB-2 (2nd basement floor) with lockable door, complete with DIN-rails, 30% reserve space, and consisting of:-		
	1 pc Programmable time switch for 24hours working reserve, 230V, 50Hz,		
	7pcs 16A/1ph isolator switch with three spare space		
	7pcs 16/1p contactor	No.	62,018.26
6.1.6	Surface mounted switch board SB-1 (3rd basement floor) with lockable door, complete with DIN-rails, 30% reserve space, and consisting of:-		



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	ELECTRICAL WORK	UNIT	2017 E.C 1ST QUARTER (ONLY DIRECT COST)
	1 pc Programmable time switch for 24hours working reserve, 230V, 50Hz,		
	13pcs 16A/1ph isolator switch with three spare space		
	13pcs 16/1p contactor	No.	116,516.00
6.1.7	Surface mounted switch board SB-2 (2nd basement floor) with lockable door, complete with DIN-rails, 30% reserve space, and consisting of:-		
	1 pc Programmable time switch for 24hours working reserve, 230V, 50Hz,		
	7pcs 16A/1ph isolator switch with three spare space		
	7pcs 16/1p contactor	No.	
			62,018.26
6.1.8	Surface mounted switch board SB-1 (3rd basement floor) with lockable door, complete with DIN-rails, 30% reserve space, and consisting of:-		
	1 pc Programmable time switch for 24hours working reserve, 230V, 50Hz,		
	13pcs 16A/1ph isolator switch with three spare space		
	13pcs 16/1p contactor	No.	116,516.00



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12.0	SANITARY INSTALLATION		
12.1	Hand wash basin		
12.1.1	HWB size 45 * 55 cm with all Accessories heavy duty flexible (RAK)	PCS	16,139.10
12.1.2	HWB size 45 * 55 cm with all Accessories (Golden dragon sealed)	PCS	13,639.10
12.1.3	HWB size 40 * 50 cm with all Accessories (AQUA)	PCS	11,639.10
12.2	Low flash water closet		
12.2.1	Low flash WC with all accessories (RAK)	PCS	23,139.10
12.2.2	Low flash WC with all accessories (Golden dragon sealed)	PCS	21,639.10
12.2.3	Low flash WC with all accessories (AQUA)	PCS	15,439.10
12.2.4	Low flash WC with all accessories (Tabor ceramic)	PCS	7,339.10
12.2.5	Turkish type WC (RAK)	PCS	5,939.10
12.2.6	Turkish type WC (Tabor ceramic)	PCS	5,339.10
12.3	Urinal		
12.3.1	White glazed urinal with all accessories	PCS	8,168.32
12.3.2	Urinal with all accessories	PCS	8,168.32
12.4	Toilet paper holder		
12.4.1	Toilet paper holder	PCS	993.57
12.4.2	Toilet paper holder economy version	PCS	943.57
12.4.3	40 x 50 cm glass mirror	PCS	2,407.03
12.5	Soap holder		
12.5.1	Soap holder best quality	PCS	1,793.57
12.5.2	Soap holder economy version	PCS	1,143.57
12.6	Towel Hanger		
12.6.1	Supply and fix approved quality Towel Hanger made of chrome plated copper alloys, single tubular, surface mounted, bar length of 600mm near hand wash basin complete with fastening screws and other accessories.	PCS	1,833.60
12.6.2	Supply and fix medium quality Towel Hanger made of chrome plated copper alloys, single tubular, surface mounted, bar length of 600mm near hand wash basin complete with fastening screws and other accessories.	PCS	1,183.60
12.6.3	Supply and fix low quality Towel Hanger made of chrome plated copper alloys, single tubular, surface mounted, bar length of 600mm near hand wash basin complete with fastening screws and other accessories.	PCS	1,143.60
12.7	Shower units		
12.7.1	Supply and fix shower units made of enameled fiber glass, complete with level controlled mixing valve approved quality flexible shower head, P-smell trap and with all other necessary accessories. (70x70cm)	PCS	6,615.10
12.7.2	Supply and fix shower units made of enameled fiber glass, complete with level controlled mixing valve medium quality flexible shower head, P-smell trap and with all other necessary accessories. (70x70cm)	PCS	6,115.10
12.7.3	Supply and fix shower units made of enameled fiber glass, complete with level controlled mixing valve economic version flexible shower head, P-smell trap and with all other necessary accessories. (70x70cm)	PCS	5,915.10
12.7.4	Supply and fix shower units made of enameled cast iron, complete with level controlled mixing valve approved quality flexible shower head, P-smell trap and with all other necessary accessories. (70x70cm)	PCS	7,115.10

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12.7.5	Supply and fix shower units made of enameled cast iron, complete with level controlled mixing valve economic version flexible shower head, P-smell trap and with all other necessary accessories. (70x70cm)	PCS	6,915.10
12.7.6	Shower box 90x90cm	PCS	10,121.10
12.7.7	Disabled Hand wash basine	PCS	37,103.70
12.7.8	Disabled Water Closet Unit	PCS	31,980.45
12.7.9	Disabled Toilet	PCS	72,538.36
12.8	Bath Tab		
12.8.1	70x170cm Bath Tab with all accessories	PCS	28,884.59
12.8.2	70x170cm Bath Tab with all accessories midium quality	PCS	24,884.59
12.8.3	70x170cm Bath Tab with all accessories (fiber glass)	PCS	26,884.59
12.8.5	80x150 cm Jacuzzi (bath tub) with all accessories	pc	77,653.76
12.8.6	124x190 cm Jacuzzi (bath tub) with all accessories	pc	90,653.76
12.8.7	150x150 cm Jacuzzi (bath tub) with all accessories	pc	127,653.76
12.8.8	180x130 cm digital control Jacuzzi (bath tub)with steam & all accessories.	pc	252,653.76
12.8.9	(3 in 1) 180x180 cm digital control Jacuzzi (bath tub) with steam, foot masage & shower all accessories.	pc	272,653.76
12.8.10	Fire hose cabinet complete with all accessories	PCS	22,682.32
12.9	Kitchen sink		
12.9.1	Kitchen sink (double bowel) Italy	PCS	7,444.32
12.9.2	Kitchen sink (double bowel) AQUA	PCS	7,444.32
12.9.3	Kitchen sink (double bowel) Milano	PCS	6,544.32
12.9.4	Kitchen sink (Single bowel) AQUA	PCS	5,844.32
12.9.5	Kitchen sink (Single bowel) Milano	PCS	5,044.32
12.1	Water heater		
12.10.1	Instant Water heater	PCS	21,884.59
12.10.2	50lt Water heater ordinary	PCS	27,884.59
12.10.3	80lt Water heater ordinary	PCS	36,884.59
12.10.4	100lt Water heater ordinary	PCS	49,384.59
12.10.5	50lt Water heater (Ariston)	PCS	33,667.20
12.10.6	80lt Water heater (Ariston)	PCS	43,841.11
12.10.7	100lt Water heater (Ariston)	PCS	57,406.33
12.10.8	Emergency shower complete with eye wash with bow	PCS	67,326.88
12.10.9	Recessed Type Fire hose cabinet complete with all accessories (90x65x18cm)	PCS	63,000.00
12.1	Floor drain		
12.11.1	Floor drain (100mm) (Chrome plated)	PCS	1,188.24
12.11.2	Floor drain (80mm) (Chrome plated)	PCS	831.37
12.11.3	Floor drain (50mm) (Chrome plated)	PCS	727.37
12.11.4	Dia. 110mm clean out waste water	PCS	1,028.66
12.11.5	Dia. 80mm clean out	PCS	890.81
12.11.6	Dia.50mm clean out	PCS	746.16
12.11.7	Precast cloth washing basin	PCS	3,905.03
12.1	PPR Pipe		
12.12.1	1/2" PPR Pipe	ml	269.87
12.12.2	3/4" PPR Pipe	ml	493.85
12.12.3	1" PPR Pipe	ml	808.38
12.12.4	1 1/4" PPR Pipe	ml	1,045.38
12.12.5	1 1/2" PPR Pipe	ml	1,902.41
12.12.6	2" PPR Pipe	ml	2,440.45
12.12.7	2 1/2" PPR Pipe	ml	2,799.14
12.12.8	3" PPR Pipe	ml	4,592.62

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12.1	Galvanized Steel Pipe		
12.13.1	1/2" Galvanized Steel Pipe (GSP) 15mm	ml	686.01
12.13.2	3/4" Galvanized Steel Pipe (GSP) 20mm	ml	837.67
12.13.3	1" Galvanized Steel Pipe (GSP) 25mm	ml	1,069.41
12.13.4	1 1/4" Galvanized Steel Pipe (GSP) 32mm	ml	1,166.67
12.13.5	1 1/2" Galvanized Steel Pipe (GSP) 40mm	ml	1,357.67
12.13.6	2" Galvanized Steel Pipe (GSP) 63mm	ml	1,800.72
12.13.7	2 1/2" Galvanized Steel Pipe (GSP) 75mm	ml	1,969.24
12.13.8	3" Galvanized Steel Pipe (GSP)	ml	3,169.86
12.13.9	3 1/2" Galvanized Steel Pipe (GSP)	ml	3,705.67
12.13.10	4" Galvanized Steel Pipe (GSP)	ml	4,156.02
12.13.11	5" Galvanized Steel Pipe (GSP)	ml	4,848.35
12.13.12	6" Galvanized Steel Pipe (GSP)	ml	6,097.38
12.13.13	8" Galvanized Steel Pipe (GSP)	ml	7,080.16
12.13.14	10" Galvanized Steel Pipe (GSP)	ml	8,292.67
12.13.15	12" Galvanized Steel Pipe (GSP)	ml	9,703.93
12.1	Cast iron Pipe		
12.14.1	3 1/2" Cast iron Pipe (CIP)	ml	1,122.54
12.14.2	4" Cast iron Pipe (CIP)	ml	1,657.78
12.14.3	5" Cast iron Pipe (CIP)	ml	1,926.49
12.14.4	6" Cast iron Pipe (CIP)	ml	2,233.07
12.14.5	8" Cast iron Pipe (CIP)	ml	3,102.19
12.14.6	10" Cast iron Pipe (CIP)	ml	4,066.96
12.14.7	12" Cast iron Pipe (CIP)	ml	5,282.19
12.2	HDPE Pipe (PN 16)		
12.15.1	1/2" HDP Pipe	ml	702.72
12.15.2	3/4" HDP Pipe	ml	786.64
12.15.3	1" HDP Pipe	ml	833.46
12.15.4	1 1/4" HDP Pipe	ml	944.31
12.15.5	1 1/2" HDP Pipe	ml	621.49
12.15.6	2" HDP Pipe	ml	798.01
12.15.7	2 1/2" HDP Pipe	ml	1,100.15
12.15.8	3" HDP Pipe	ml	1,655.81
12.15.9	3.5" HDP Pipe	ml	2,083.82
12.15.10	4" HDP Pipe	ml	2,053.49
12.15.11	5" HDP Pipe	ml	3,449.78



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12.2	HDPE Pipe (PN 16)		
12.16.1	160 mm. dia. HDPE Pipe (PN16)	ml	4,009.35
12.16.2	200 mm. dia. HDPE Pipe (PN16)	ml	6,037.30
12.16.3	225 mm. dia. HDPE Pipe (PN16)	ml	8,106.08
12.16.4	250 mm. dia. HDPE Pipe (PN16)	ml	9,288.24
12.16.5	315 mm. dia. HDPE Pipe (PN16)	ml	15,195.76
12.16.6	355 mm. dia. HDPE Pipe (PN16)	ml	23,594.70
12.16.7	400 mm. dia. HDPE Pipe (PN16)	ml	30,533.89
12.16.8	455 mm. dia. HDPE Pipe (PN16)	ml	5,407.06
12.2	HDPE Pipe (PN 10)		
12.17.1	11/4"HDP Pipe	ml	732.49
12.17.2	11/2"HDP Pipe	ml	778.77
12.17.3	2" HDP Pipe	ml	816.60
12.17.4	2 1/2" HDP Pipe	ml	904.39
12.17.5	3" HDP Pipe	ml	993.53
12.17.6	3.5" HDP Pipe	ml	1,147.30
12.17.7	4" HDP Pipe	ml	1,328.17
12.17.8	5" HDP Pipe	ml	1,468.81
12.2	HDPE Pipe (PN 10)		
12.18.1	160 mm. dia. HDPE Pipe (PN10)	ml	1,622.38
12.18.2	200 mm. dia. HDPE Pipe (PN10)	ml	2,168.33
12.18.3	225 mm. dia. HDPE Pipe (PN10)	ml	2,581.54
12.18.4	250 mm. dia. HDPE Pipe (PN10)	ml	3,038.50
12.18.5	315 mm. dia. HDPE Pipe (PN10)	ml	4,387.47
12.18.6	355 mm. dia. HDPE Pipe (PN10)	ml	5,388.48
12.18.7	400 mm. dia. HDPE Pipe (PN10)	ml	6,658.85
12.18.8	455 mm. dia. HDPE Pipe (PN10)	ml	8,205.77
12.18.9	Service Valve 1/ 2"	PCS	387.13
12.18.10	Service Valve 3/ 4"	PCS	439.42
12.2	BRONZE Gate Valve		
12.19.1	BRONZE Gate Valve PN 16 1/2"x20	PCS	1,113.59
12.19.2	BRONZE Gate Valve PN 16 3/4"	PCS	1,461.41
12.19.3	BRONZE Gate Valve PN 16 1"(25)	PCS	2,070.11
12.19.4	BRONZE Gate Valve PN 16 32MM	PCS	3,113.59
12.19.5	BRONZE Gate Valve PN 16 40MM	PCS	3,461.41
12.19.6	BRONZE Gate Valve PN 16 2"	PCS	4,939.67
12.19.7	BRONZE Gate Valve PN 16 2 1/2"	PCS	5,374.46
12.19.8	BRONZE Gate Valve PN 16 3"	PCS	6,244.02
12.19.9	BRONZE Gate Valve PN 16 4"	PCS	11,979.17
12.19.10	BRASS Gate Valve PN 16 3"	PCS	4,597.99
12.19.11	BRASS Gate Valve PN 16 2 1/2"	PCS	3,578.16
12.19.12	BRASS Gate Valve PN 16 1 1/2"	PCS	1,506.11
12.19.13	BRASS Gate Valve PN 16 2"	PCS	2,221.70
12.19.14	BRASS Gate Valve PN 16 2 1/2"	PCS	3,578.16
12.19.15	BRONZE Gate Valve PN 16 3"	PCS	4,463.37
12.19.16	BRONZE Gate Valve PN 16 3.5"	PCS	7,804.89
12.19.17	FLOAT VALVE Valve PN 16 2"(50)	PCS	826.63
12.19.18	BRASS Gate Valve PN 16 4"	PCS	14,489.46
12.19.19	BRASS Gate Valve PN 16 3" two way	PCS	7,323.17
12.19.20	BRASS Gate Valve PN 16 4" two way	PCS	16,595.37
12.19.21	BRASS Gate Valve PN 16 5" two way	PCS	18,178.38
12.19.22	BRASS Gate Valve PN 16 6"	PCS	14,536.67
12.19.23	BRASS Gate Valve PN 16 8"	PCS	20,353.57
12.19.24	BRASS Gate Valve PN 16 10"	PCS	25,367.72
12.19.25	BRASS Gate Valve PN 16 12"	PCS	32,450.07



Checked by:- Gezahegn Getachew

Approved by:-Hirut Ayalew

Prepared by :- Henok Abebe

12.2	Cast iron Valve		
12.20.1	Cast iron Valve PN 16 90mm	PCS	16,608.36
12.20.2	Cast iron Valve PN 16 100mm	PCS	23,892.25
12.20.3	Cast iron Valve PN 16 150mm	PCS	30,589.57
12.20.4	Cast iron Valve PN 16 200mm	PCS	44,654.35
12.20.5	Cast Iron Gate Valve PN 16 300mm	PCS	57,342.53
12.2	Water Meter		
12.21.2	25mm dia. Water Meter.	PCS	1,496.95
12.21.3	50mm dia. Water Meter.	PCS	3,803.02
12.2	UPVC Pipe (PN6)		
12.22.1	50 mm. dia. UPVC Pipe	ml	358.14
12.22.2	65 mm. dia. UPVC Pipe	ml	452.83
12.22.3	80 mm. dia. UPVC Pipe	ml	713.79
12.22.4	110 mm. dia. UPVC Pipe	ml	928.07
12.22.5	125 mm. dia. UPVC Pipe	ml	1,159.73
12.22.6	160 mm. dia. UPVC Pipe	ml	1,998.50
12.22.7	200 mm. dia. UPVC Pipe	ml	2,338.42
12.22.8	225 mm. dia. UPVC Pipe	ml	2,697.32
12.22.9	250 mm. dia. UPVC Pipe	ml	4,132.78
12.22.10	315 mm. dia. UPVC Pipe	ml	6,783.15
12.22.11	355 mm. dia. UPVC Pipe	ml	7,829.37
12.22.12	400 mm. dia. UPVC Pipe	ml	10,893.04
12.22.13	450 mm. dia. UPVC Pipe	ml	11,931.76
12.22.14	500 mm. dia. UPVC Pipe	ml	12,975.86
12.2	Vent cap		
12.23.1	Dia. 50mm Vent cap	PCS	243.67
12.23.2	Dia. 80mm Vent cap	PCS	262.80
12.23.3	Dia. 100mm Vent cap	PCS	303.51
12.2	UPVC Pipe down pipe		
12.24.1	80 mm. dia. UPVC Pipe down pipe	ml	517.57
12.24.2	110 mm. dia. UPVC Pipe down pipe	ml	732.78
12.24.3	125 mm. dia. UPVC Pipe down pipe	ml	977.78
12.24.4	160 mm. dia. UPVC Pipe down pipe	ml	1,481.08
12.24.5	160 mm. dia. PERFORATED PIPE	ml	1,347.11
12.3	Curb stone		
12.32.1	Curb stone in C-25 size 150x400mm	ml	1,255.98



Prepared by :- Henok Abebe

Checked by:- Gezahegn Getachew

Approved by:- Hirut Ayalew

12.3	Water tank		
12.34.5	Fiber glass water tank 500 lt capacity	No.	13,227.16
12.34.6	Fiber glass water tank 1000 lt capacity	No.	16,679.85
12.34.7	Fiber glass water tank 3000 lt capacity	No.	31,662.16
12.34.8	Fiber glass water tank 5000 lt capacity	No.	45,662.16
12.34.9	Fiber glass water tank 10000 lt capacity	No.	77,575.20
12.34.10	Fiber glass water tank 15000 lt capacity	No.	134,096.94
12.34.11	Fiber glass water tank 20000 lt capacity	No.	160,183.90
12.34.12	Fiber glass water tank 25000 lt capacity	No.	177,575.20
12.4	HDPE Pipe		
12.35.1	3/4" HDP Pipe	ml	388.68
12.35.2	1"HDP Pipe	ml	366.37
12.35.3	1 1/4"HDP Pipe	ml	384.03
12.35.4	1 1/2"HDP Pipe	ml	416.98
12.35.5	2" HDP Pipe	ml	450.97
12.35.6	2 1/2" HDP Pipe	ml	520.88
12.35.7	3" HDP Pipe	ml	600.00
12.35.8	3.5" HDP Pipe	ml	760.63



Prepared by :- Henok Abebe

Checked by:- Gezahegn Getachew

Approved by:-Hirut Ayalew

ITEM.NO.	DESCRIPTION	UNIT	2016 4TH Quarter Direct Cost Only
	Foot path & General Paving works		
1	Foot path (side walk) brick (15*30*0.5) stablished and compressed during preparation and rough surface) coloured concrete block on cement stablized sand base 50mm fine aggregate including any jointing work.	m ²	1237.66
2	Foot path (side walk) brick (15*30*0.5) stablished and compressed during preparation and rough surface) coloured concrete block on mortar bedding including any jointing work.	m ²	1684.58
3	Foot path (side walk) brick (I-section) stablished and compressed during preparation and rough surface) coloured concrete block on mortar bedding including any jointing work.	m ²	1669.76
4	Foot path (side walk) brick (I-section) Width =15 and 9cm length = 30cm and thickness = 5cm stablished and compressed during preparation and rough surface) coloured concrete block on sand bedding including any jointing work.	m ²	1223.33
5	Foot path (side walk) yellow tiles coloured concrete block on cement stablized sand base 50mm fine aggregate including any jointing work.	m ²	1314.58
6	Foot path (side walk) yellow tiles coloured concrete block on mortar bedding including any jointing work.	m ²	1630.28
7	Foot path (side walk) Zig zag compressed precoloured concrete block on cement stablized sand base 50mm fine aggregate including any jointing work.	m ²	1265.57



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Checked by:- Gezahegn Getachew

Approved by:- Hirut Ayalew

ROAD WORK MAIN ITEMS

ITEM NO	DESCRIPTION	UNIT	2017 1ST QUARTER DIRECT COST (WITHOUT OVERHEAD & PROFIT)
1	Capping layer under the sub base layer(Granular) compacted to thickness of 200mm up to 10km distance.	m ³	1000.35
2	Gravel sub base compacted to 96% AACRA test S-11 Density (Compacted layer of maximum 150mm) up to 10km	m ³	1599.91
3	Base course compacted to 96% AACRA test S-11 Density (Compacted layer of maximum 150mm) up to 10km	m ³	1751.77



Prepared by:- Henok Abebe

Checked by:- Gezehegn Getachew

Approved by:- Hirut Ayalew

Labor Cost Sep/2024

No	Laborer by Trade	2017 1st quarter Labor hourly cost birr /hr
1	Bar bender Ass.	51.61
2	Bar bender	88.30
3	Carpenter Ass.	63.88
4	Carpenter	87.56
5	Chisler	61.23
6	DL	50.82
7	Electrician helper	77.16
8	Electrician	100.62
9	Forman	105.96
10	Gang chief	84.42
11	Glazer	63.78
12	Mason Ass.	60.03
13	Mason	87.03
14	Mixer opertaor	41.29
15	Painter Assistance	54.00
16	Painter	62.67
17	Plasterer Ass.	55.14
18	Plasterer	82.58
19	Plumber helper	60.48
20	Plumber	88.05
21	Tiller Ass.	70.32
22	Tiller	97.13
23	Time Keeper	60.91
24	Truck Driver	78.47
25	Equipment operator I	58.28
26	Equipment operator II	54.48
27	Equipment operator III	51.58
28	vibrator operator	81.72
29	L. Vehicle Driver I	63.84
30	Surveyer	67.08
31	Welder	74.32
32	Welder Ass.	52.78
33	Aluminium worker	71.69
34	Aluminium worker Ass.	53.59
35	Mud worker	53.20



September ,2024		
LN	Machinery cost	2017 1st Hourly rental Cost (In birr) with fuel
1	Truck 16m3	2,607.41
2	Truck 9m3	1,674.95
3	Truck 13m3	2,174.78
4	compactor	477.25
5	Wheel Loader 180HP (3m3)	2,911.30
6	Dozer 300 Hp (D7R)	5,968.70
7	Dozer D7R W. Ripper	5,968.70
8	Dozer(200-250HP)	3,247.64
9	Excavator(200HP)	4,043.48
10	Excavator(200HP)WITH RIPPER	5,652.17
11	BACKHOE Excavator(200HP)	4,043.48
12	Grader (120-150hp)	3,209.17
13	Roller(16ton)	1,899.88
14	Water Truck 13,000lt	2,343.48
15	Air Compressor	141.73
16	Jack Hammer	190.77
17	Wagon Driller	3,894.03
18	Small Vehicle (pick up 4WD)	713.40
19	Asphalt Distributor	2,105.00
20	Stationary Heater	1,807.55
21	Power Broom	1,723.74
22	Asphalt Plant	32,041.07
23	Asphalt Paver	6,310.71
24	Pneumatic Roller	1,972.74
25	Water Tanker	5.21
26	Dump Truck 16m3	1,836.92
27	Crushing plant 75ton	7,824.35
28	Centrifugal W/Pump	230.73
29	Generator (45kw)	678.15
30	Mobile crane 25ton	4,385.05
31	Concrete mixer (300lt)	353.58
32	Concrete Mixer Truck	2,093.39
33	Concrete Vibrator	145.00
34	Hand tamper	42.13
35	Pipe moulds	18.00
36	Painting machine	417.00
37	Hand Drill	3.82
38	Gear machine	20.00
39	Grinder	25.00
40	Cutting disc (dia. 180)	75.00
41	scaffolding	40.00
42	sledge hammer	5.00
43	Tools	2.00
44	Set of tools	10.00
45	Surveying instrument	158.11
46	Welding Machine	62.50
47	Truck Crane Hydraulic, 20-25ton	3,356.53
48	winch 3-phase	150.00
49	winch single phase	125.00
50	Generator 3-phase	300.00
51	Generator single phase	120.00
52	Generator for winch 3-phase	300.00



NO	Type of Materials	Unit	2017 1st Q selling price. (Without VAT)
	REINFORCEMENT BAR		
1	Local Re-Bar Grade 75 (Ethiopia): 6mm	Kg	143.48
2	Local Re-Bar Grade 75 (Ethiopia): 8mm	Kg	126.94
3	Local Re-Bar Grade 75 (Ethiopia): 10mm	Kg	126.90
4	Local Re-Bar Grade 75 (Ethiopia): 12mm	Kg	126.83
5	Local Re-Bar Grade 75 (Ethiopia): 14mm	Kg	126.97
6	Local Re-Bar Grade 75 (Ethiopia): 16mm	Kg	126.94
7	Local Re-Bar Grade 75 (Ethiopia): 20mm	Kg	127.00
8	Local Re-Bar Grade 75 (Ethiopia): 24mm	Kg	126.94
9	Local Re-Bar Grade 75 (Ethiopia): 30mm	Kg	133.91
10	Local Re-Bar Grade 75 (Ethiopia): 32mm	Kg	135.86
11	Reinforcement Bar Grade 75 (Imported): 6mm	Kg	145.78
12	Reinforcement Bar Grade 75 (Imported): 8mm	Kg	137.25
13	Reinforcement Bar Grade 75 (Imported): 10mm	Kg	137.25
14	Reinforcement Bar Grade 75 (Imported): 12mm	Kg	137.25
15	Reinforcement Bar Grade 75 (Imported): 14mm	Kg	137.25
16	Reinforcement Bar Grade 75 (Imported): 16mm	Kg	137.25
17	Reinforcement Bar Grade 75 (Imported): 20mm	Kg	137.25
18	Reinforcement Bar Grade 75 (Imported): 24mm	Kg	137.25
19	Reinforcement Bar Grade 75 (Imported): 30mm	Kg	126.50
20	Reinforcement Bar Grade 75 (Imported): 32mm	Kg	137.25

N.B :- Price include loading, unloading & Transportation cost



Type of Materials		Unit	2017 1st Quarter selling price. (With out VAT)
1	Sand	m ³	2,625.00
2	Gravel 02	m ³	2,625.00
3	Red Ash	m ³	1,117.65
4	Stone	m ³	1,360.00
5	Brick	No	21.00
6	Selected material (ገፈጋጎተ)		
6.1	Selected material (ገፈጋጎተ) Upto 5km from Quarry site as long as Project Site.	m ³	612.35
6.2	Selected material (ገፈጋጎተ) Upto 10km from Quarry site as long as Project Site.	m ³	742.16
6.3	Selected material (ገፈጋጎተ) Upto 15km from Quarry site as long as Project Site.	m ³	799.30
6.4	Selected material (ገፈጋጎተ) Upto 20km from Quarry site as long as Project Site.	m ³	959.17
7	Cement (PPC)	Qt	1,208.26
8	Cement (OPC)	Qt	1,536.48

N.B :- Price include loading, unloading & Transportation cost

