## BILL OF QUANTITIES COMMUNITY GYM FOOD HUT K.GURAIDHOO

**CLIENT: K.GURAIDHOO COUNCIL** 

## SUMMARY OF BILLS OF QUANTITIES

## **COMMUNITY GYM FOOD HUT K.GURAIDHOO**

DESCRIPTION	Material Cost	Labour Cost	AMOUNT
Bill №: 01 - PRELIMINARIES			
Bill №: 02 - EXCAVATION AND FILLING			
Bill №: 03 - INSITU CONCRETE WORKS			
Bill №: 04 - ROOFING WORKS			
Bill №: 05 - DOORS & WINDOWS			
Bill №: 06 - MASONRY			
Bill №: 07 - FLOOR, WALL FINISHINGS			
Bill №: 08 - SUSPENDED CEILING			
Bill №: 09 - PAINTING & DECORATIONS			
Bill №: 10 - MECHANICAL & ELECTRICAL SERVICES			
TOTAL AMOUNT			
GST 8%			
TOTAL AMOUNT including GST			

	•			TEL O				12		
2	A CONTRACT	B C	D E E	F G	Н	ı	J	K	L	М
			HUT K.GURAIDHUU							
	Republi	c of Maldives								
4										
5		QUANTITIES					, ,		1	
	ITEM		DESCRIPTION	UNIT	QTY	MATERIAL	LABOUR RATE	MATERIAL	LABOUR	AMOUNT
6			DESCRIPTION	O.U.	٩	RATE		AMOUNT	AMOUNT	
7	1.0.00		Bill №: 01 - PRELIMINARIES							
8										
9		CENTERAL NOTES								
10 11	1.1.00	GENERAL NOTES	Abbroviations							
12			Abbreviations m - metre							
13			nr - numbers							
14			m3 - cubic metres							
15			m2 - square metres							
16			m - linear metre							
17			t -tons							
18			inc including							
19			mm - millimetre							
13 14 15 16 17 18 19 20 21 22 23			SS - stainless steel							
21			GI - galvanized iron							
22										
23										
24	1.2.00	SITE MANAGEM	ENT COSTS							
			Allow for all on and off site management cost including costs							
			of foreman and assistants, temporary services, telephone,	item	1.00					
				iteiii	1.00					
25			fax, hoardings & similar.							
26										
27										
28	2.0.00		Bill №: 02 - EXCAVATION AND FILLING							
29										
30	2.1.00	<u>GENERAL</u>								
			(a) Rates shall include for: leveling, grading, trimming,							
			compacting to faces of excavation, keep sides plumb,							
31			backfilling, consolidating, and disposing surplus soil.							
32 33 34 35										
33										
34										
35		SITE CLEARING								
	2.2.01		Clear the area of site from rubbish and vegetable matters,							
			stumps, roots. Rates shall include for removal of trees and	m <sup>2</sup>	20.00					
36			tree stumps and disposal of such materials							
37										
38										
39	2.3.00	EXCAVATION								

	Α	В	С	D	E F	G	Н	I	J	K	L	M
6	ITEM				DESCRIPTION	UNIT	QTY	MATERIAL RATE	LABOUR RATE	MATERIAL AMOUNT	LABOUR AMOUNT	AMOUNT
40 41 42	2.3.01				Excavation quantities are measured to the faces of concrete members. Rates shall include for all the additional excavation required to place the formwork. Rates shall include for backfilling.  Excavation	m³	6.00					
43 44 45 46 47 48	2.4.01	FILLING			Rate shall include for: levelling, grading, trimming, compacting and similar Compacted earth filling under ground slab	m²	5.00					
50 51 52 53	<b>2.5.00</b> 2.5.01	DAMP-			Rate shall include for: dressing around and sealing to all penetrations,laps and turnups. Polythene damp proof membrane (500 gauge)	m²	9.00					
54	2.8.00	TOTAL	OF BILL I	Nº: 02 -	Carried Over To Summary							

	Α	В	С	D	E F	G	Н	I	J	K	L	М
6	ITEM				DESCRIPTION	UNIT	QTY	MATERIAL RATE	LABOUR RATE	MATERIAL AMOUNT	LABOUR AMOUNT	AMOUNT
55	3.0.00				Bill №: 03 - INSITU CONCRETE WORKS							
56	3.1.00	GENERAI	=	(a)	Rates shall include for: placing in position, making good after removal of formwork, mortar touch up to all concrete and casting in all required items; additional concrete required to							
57 58 59				(c)	conform to structural and excavated tolerances Mix ratio for reinforced concrete shall be 1:2:3 and lean concrete shall be 1:2:6. All structural concrete shall be GRADE M25 and lean concrete shall be GRADE M15 Rates shall include for: concrete, formwork, reinforcement,							
60				(e)	cleaning, fabrication, placing, the provision for all necessary temporary fixings and supports including tie wires and chair supports, laps, distribution bars and wastage. Rates shall include for: all necessary boarding, supports, erecting, framing, temporary cambering, cutting,							
61				(f)	perforations for reinforcing bars, bolts, straps, ties, hangers, nines and removal of formwork Rates shall include for: cleaning, fabrication, placing the provision for all necessary temporary fixings and supports including tie wires and chair supports, laps, distribution bars							
62 63 64					and wastage. All reinforcing bars shall be high strength bars. Slab soffits to be finished fairfaced, use plasteciser and formwork with reducing agent.							
65 66 67				.,	All exposed & external concrete members shall be casted with Masterpel 777 or equivalent water proofing chemical. Rate shall include for applying 2 coats of waterproofing chemical to substructure.(Below ground level)							
68 69 70	3.2.00	MASS CC	ONCRETI	Ī	Quantity is measured to the edges of concrete foundation members. Rates shall be inclusive for any additional concrete required to place the formwork.							
71 72 73	3.2.01	DEINECS	CED INIC		mm Lean Concrete (Foundation beam)	m <sup>3</sup>	0.25					
74 75	3.3.00	REINFOR	CED INS	iii CC	JNCKETE							
76			FOUND	ATION	I BEAMS							
77 78	3.3.08	200	х	250	mm Tie Beam FB2	m³	0.95					

	Α	В	С	D	E	F	G	Н	I	J	K	L	M
	ITEM				DESCRIPTION		UNIT	QTY	MATERIAL	LABOUR RATE	MATERIAL	LABOUR	AMOUNT
6									RATE		AMOUNT	AMOUNT	
79			COLUM				3						
80	3.3.11	150	х	150	mm Concrete columns C2		m <sup>3</sup>	0.41					
81			Flaar Cl	-1-									
82 83	3.4.04		Floor SI		mm slab		m <sup>3</sup>	1 50					
84	3.4.04			100	IIIII SIAD		m	1.58					
85			Beam										
86	3.4.06		х	150	mm Beam WB		m <sup>3</sup>	0.70					
87	3.4.00	230	^	130	mm beam wb		""	0.70					
88					Cement		Bag	31.02					
89					Coarse Sand		Bag	62.05					
90					Aggregate		Bag	93.07					
91					Admixture		Bag	3.10					
88 89 90 91 92 93 94 95 96		FORM W											
93	3.8.00				I BEAMS		_						
94	3.8.07	200	х	250	mm Tie Beam FB2		m <sup>2</sup>	7.58					
95													
96	2010		COLUM		62		2	10.00					
97	3.8.10	150	Х	150	mm Concrete columns C2		m <sup>2</sup>	10.80					
90			Floor SI	ah									
98 99 100 101	3.9.04		11001 31		mm slab		m <sup>2</sup>	1.00					
101	3.3.04			100	Timi Sids		***	1.00					
102			Beam										
103	3.9.06		х	150	mm Beam WB		m <sup>2</sup>	10.23					
104													
105													
106					Plywood 12mm flim faced		Nos	8.00					
107					Timber 35x50mm Timber 50x50mm		m <sup>3</sup> m <sup>3</sup>	0.37 0.50					
109					Timber Nail 1 1/2"		Kg	10.00					
110					Timber Nail 2"		Kg	2.94					
111					3"Wooden Screw		Nos	200.00					
103 104 105 106 107 108 109 110 111 112 113					4" Wooden Screw		Nos	50.00					
		STEEL WO	)RK										
114													
115	3.13.00				N BEAMS								
116	3.13.01		6		Steel bar in foundation		nr	24.00					
117	3.13.02		12	mm	Steel bar in foundation		nr	15.00					
118			COL	JMNS									
	3.13.06		6				nr	24.00					
121	3.13.07		12		in pedastal column in pedastal column		nr	18.00					
122	3.13.07		14	111111	iii pedasidi colullili		nr	16.00					
144										l l		l	

	Α	В	С	D	E F	G	Н	I	J	K	L	М
	ITEM				DESCRIPTION	UNIT	QTY	MATERIAL	LABOUR RATE	MATERIAL	LABOUR	AMOUNT
6							~	RATE		AMOUNT	AMOUNT	
123	2 4 4 02		FLOOR		in Floor slab		28.00					
124 125	3.14.03		6	mm	In Floor Slab	nr	28.00					
126			BEAM									
127	3.14.05		6	mm	in beam	nr	8.00					
128	3.14.05		12		in beam	nr	6.00					
129					Binding Wire	Kg	7.13					
130												
131	3.7.00	OTHER W	VORKS									
132												
133		CONCRET										
134			•		ams & Mid band							
135	3.7.01	100	х	100	mm Ground Floor	m <sup>3</sup>	0.19					
136												
137					Cement	Bag	1.49					
138					Coarse Sand	Bag	2.98					
139					Aggregate	Bag	4.46					
1/11					Admixture	Bag	0.15					
142		FORM W	ORK									
143		1011111111		ill bea	ams & Mid band							
144	3.12.01	100			mm Ground Floor	m <sup>2</sup>	5.58					
145												
146					Plywood 12mm flim faced	Nos	5.00					
147					Timber 35x50mm	m <sup>3</sup>	0.25					
148					Timber Nail 1 1/2"	Kg	5.00					
149					Concrete Nail 1 1/2"	Kg	5.00					
150												
151	3.7.00 3.7.01 3.12.01	STEEL W										
152					ams & Mid band							
153	3.17.01		10	mm	Lintel, Sill beams & Mid band Ground Floor	nr	7.00					
155					Binding Wire	Kg	0.41					
156					TOTAL OF BILL №: 03 - Carried Over To Summary							
	04.0.00				Bill №: 04 - ROOFING WORKS							
		GENERAI	L		DIN NEL GY - NOOI ING WORKS							
	U-7.1.UU		_	(a)	Rates shall include for: all labour in framing, notching and							
				. ,	fitting around projections, pipes, light fittings, hatches, grilles							
					and similar and complete with cleats, packers, wedges and							
					similar and all nails and screws.							
159												
160												
	04.1.02	ROOFING	TIMBER	R WOF	<u>rks</u>							
	04.1.02	ROOFING	S TIMBER	R WOF	RKS							

	Α	В	С	D	E F	G	Н	I	J	K	L	М
	ITEM				DESCRIPTION	UNIT	QTY	MATERIAL	LABOUR RATE	MATERIAL	LABOUR	AMOUNT
6					DESCRIPTION	Oitii	QII.	RATE		AMOUNT	AMOUNT	
162												
163		50	х	150	mm Timber Rafters	m	30.00					
164 165		50	х	50	mm Timber Battens	m	42.25					
165												
166	04.2.00	GENERAL										
				(a)	Rates shall include for: fair edges, dressing over angel fillets,							
107					roof sealant, turning into grooves, all other labours, circular							
167					edges. nails. screws and other fixings and laps.							
168 169 170 171 172 173 174					Lucanha ann finn ah ana 2011 M/Gdah		26.00					
170					Lysaght roofing sheet 29" Width Wool insulation 50mmx0.9m x15m	m	36.00					
170					PVC black net	roll	0.50					
171					Fascia Gutter 8'	roll	0.25					
172						Nos	4.00					
173					GI gutter clip	Nos	16.00					
174					Gutter strap	Nos	16.00					
175 176 177 178					Fascia capping 8'	Nos	6.00					
170					Down spot 3"	Nos	1.00					
170					Roofing Screw 3" Fascia board Wood plank 4m x 200m x8mm	Nos	100.00 2.00					
179					rascia boaru wood piank 4iii x 200iii xoiiiiii	Nos	2.00					
180	04 2 00	DOWN DID	F									
181	04.3.00	- SWITTE	=									
182	İ	DOWN PIP		82	mm dia rain water pipe	item	1.00					
183												
184					TOTAL OF BILL №: 04 - Carried Over To Summary							

	Α	В	С	D	E F	G	Н	I	J	K	L	М
6	ITEM				DESCRIPTION	UNIT	QTY	MATERIAL	LABOUR RATE	MATERIAL	LABOUR	AMOUNT
185	5.0.00				Bill №: 05 - DOORS & WINDOWS			RATE		AMOUNT	AMOUNT	
186	3.0.00				BIII Nº. 03 - DOOR3 & WINDOW3							
187		GENERAL										
				(a)	Rates shall include for locks, latches, closers, push plates, pull							
					handles, bolts, kick plates, hinges and all door & window							
188					hardware.							
				(b)	Rates shall include for door frames, mullions, transoms,							
					trims, glazing, tinting, timber panels, boardings, framing,							
189					lining, fastenings and all fixings.							
400					Sizes are given overall outside dimensions of actual doors							
190					and windows.							
101					Thickness and sizes of glass panels are shown on the							
191 192					Drawings and doors and windows schedule Rates shall include for all painting as specified							
102				(-/	Rates shall include all items specified in the door schedule							
193					and specification.							
					Frames and sashes to be 25-60 micron white powder coated							
194					aluminium other wise specified.							
195					·							
	5.1.00											
196		GROUND	FLOOR									
197	5.1.02	850	х	2100	D1-Timber Door	nr	1.00					
198												
199					TOTAL OF BILL №: 05 - Carried Over To Summary							

	Α	В	C D	E F	G	Н	I	J	K	L	М
6	ITEM		·	DESCRIPTION	UNIT	QTY	MATERIAL RATE	LABOUR RATE	MATERIAL AMOUNT	LABOUR AMOUNT	AMOUNT
200	6.0.00			Bill №: 06 - MASONRY							
201 202		CENEDAL									
202		GENERAL	(a)	Rates shall include for: cleaning out cavities, forming rebated							
			(α)	reveals and pointing and cleaning down to reveals where							
				necessary; fractional size blocks, all necessary machine							
				cutting, cutting or forming chases or edges of floor slabs,							
				cutting or leavingholes and openings as recesses for and building in pipes, conduits, sleeves and similar as required for							
				all trades; leaving surfaces rough or raking out joints for							
				plastering and flashing, bedding frames or plates, building in							
				joists, bearers or similar, temporary supports to openings,							
000				templates, reinforcement in walls and for all necessary							
203				making good.							
205	6.1.00	BLOCK WO	RK								
206											
				Cement block wall, bricks laid to form alternate courses of							
207				headers and stretchers, laid on and inc. mortar. (EXTERNAL WALLS)							
208			100	) mm thk full height (Full block)							
209	6.1.03			BELOW GROUND FLOOR	m <sup>2</sup>	7.44					
210				4" Solid Bricks	Nos	171.12					
211				Cement	Bag	1.71					
212				Coarse Sand	Bag	8.56					
213 214	6.1.04			CROLIND FLOOR	m <sup>2</sup>	FF 4C					
214	6.1.04			GROUND FLOOR 4" Solid Bricks	m Nos	55.46 1,275.47					
215 216				Cement	Bag	1,273.47					
217				Coarse Sand	Bag	63.77					
218											
219 220				TOTAL OF BILL №: 06 - Carried Over To Summary							
221	7.0.00			Bill №: 07 - FLOOR, WALL FINISHINGS							
222		GENERAL									
			(a)	Rates shall include for: fixing, bedding, grouting, and pointing							
000				materials; making good around pipes, sanitary fixtures, and							
223			/1- \	similar; cleaning down and polishing.							
224			(b)	) "Masterseal 550" or equivalent should be applied on top of screeds and walls upto 600mm in all toilets.							
225				screeus and wans upto occinin in an tonets.							
	7.1.00	PLASTERIN	<u>G</u>								

LABOUR AM AMOUNT	AMOUNT
AMOUNT	
	l

	Α	В	С	D	E F	G	Н	I	J	K	L	M
	ITEM				DESCRIPTION	UNIT	QTY	MATERIAL	LABOUR RATE	MATERIAL	LABOUR	AMOUNT
6							-,	RATE		AMOUNT	AMOUNT	
				(a)	Rates shall include for: all labour in framing, notching and							
					fitting around projections, pipes, light fittings, hatches, grilles							
					and similar and complete with cleats, packers, wedges and							
266					similar and all nails and screws.							
267												
268												
268 269												
	8.1.00	<b>PLASTI</b>	RBOAR	D CEILIN	<u>G</u>							
271												
272					Fixed plasterboard ceiling system with timber framing							
273	8.1.02				GROUND FLOOR	m <sup>2</sup>	15.80					
274					9mm Gypsum Board	Nos	5.49					
275					35 x 50 mm treated pine wood timber	m	94.80					
276					3" black Screw	Nos	118.50					
2//					1 1/2" black screw	Nos	131.14					
278					1" black screw	Nos	131.14					
270 271 272 273 274 275 276 277 278 279 280					1 1/2" Wall plug	Nos	118.50					
281					TOTAL OF BILL №: 08 - Carried Over To Summary							

	Α	В	С	D	E	G	Н	I	J	K	L	М
6	ITEM				DESCRIPTION	UNIT	QTY	MATERIAL RATE	LABOUR RATE	MATERIAL AMOUNT	LABOUR AMOUNT	AMOUNT
282	9.0.00				Bill №: 09 - PAINTING & DECORATIONS							
283 284		GENERAL										
201		GENTERO		(a)	Rates shall include for: the provision, erection and removal of							
					scaffolding, preparation, wall putty application, rubbing							
					down between coats and similar work, the protection and/or							
					masking floors, fittings and similar work, removing and							
285					replacing door & window furniture.							
				(b)	All painting work shall be carried in accordance with the							
286					Specifications.							
287 288	9 1 00	WALL PA	INTING									
289	3.1.00	TO ALL I A										
					Weatherbound paint finish as specified (EXTERNAL							
290					SURFACES)							
291	9.1.02				GROUND FLOOR	m <sup>2</sup>	52.67					
292 293					Exterior Wall sealer	Ltr	15.05 15.05					
294					Enamel Paint	Ltr	15.05					
					Emulsion paint finish including putty application on brick							
295					walls as specified (INTERNAL SURFACES)							
296	9.1.05				GROUND FLOOR	m <sup>2</sup>	52.67					
297					Interior Wall sealer	Ltr	11.70					
298 299					Interior Putty	Kg	52.67					
300					Emulsion Paint	Ltr	11.70					
301	9.2.00	CEILING F	PAINTING	3								
302				_								
					Selected paint finish including putty application on ceiling as							
303					specified (CEILING)							
304	9.2.01				GROUND FLOOR	m <sup>2</sup>	15.77					
305 306					Interior Wall sealer	Ltr	3.50					
307					Interior Putty Emulsion Paint	Kg Ltr	15.77 3.50					
308					Emaision Faint	1	3.30					
309					TOTAL OF BILL №: 09 - Carried Over To Summary							
	10.0.00				Bill №: 10 - MECHANICAL & ELECTRICAL SERVICES						_	
311		GENERAL		(=\	Design agestide and install pleating patronals for the contra-							
				(a)	Design, provide and install electrical network for the entire building complete in accordance to standards set by the local	1						
312					governing body STELCO/FENAKA							
					0	-					1	1

	Α	В	С	D	E F	G	Н	I	J	K	L	M
6	ITEM				DESCRIPTION	UNIT	QTY	MATERIAL RATE	LABOUR RATE	MATERIAL AMOUNT	LABOUR AMOUNT	AMOUNT
313				(b)	The following items and description and the drawings are given as a guidance as to the nature of the information required to be returned by the contractor. Should they not be appropriate the contractor should provide a similar BOQ using the Additions/Ommisions sheets provided at the back of this BOQ.							
314				(c)	The cost shall include for: screws, nails, bolts, nuts, standard cable fixing or supporting clips, brackets, straps, rivets, plugs and all incidental accessories.							
				(d)	Rate shall include for necessary chasings, trenching, conduits, cables, cable trays, fittings and clips, cutting holes and chases in brick work/ block work/ concrete work complete with all necessary accessories such as sockets, connections, cable							
315				(e)	glands and boxes, hardware clips, soldering and jointing materials etc. for proper installing and laving of cables Rates for electrical isolators, conduits, fittings, equipment and similar items shall include for: all fixings to various							
316				(f)	building surfaces.  A light fixture is measured as one point; switch end of wire is							
317					not included in the quantity.  A point wiring for power points is measured (regardless of 1							
318				(h)	gang, 2 gang etc) as one point for each socket outlet; other end of wire is not included in the quantity. All under ground cables directly buried in ground/run in							
319				(i)	trenches to be properly laid and covered with cable tiles/trench covers. Rate for under ground cables shall include for all necessary excavation, sand layers, concrete tiles, warning strips and back filling with approved quality earth properly compacted hot dipped galvenized brackets. The contractors are requested to refer Conditions of Contract, Special Conditions of Contract, Drawings and							
320				(j)	Specification and other relevant documents related to this tender prior to pricing of the following items The contractor shall provide a schedule of all builder's work							
321				/L\	in connection with details of such items as necessary, along with the tender.  Pates for materials / plants / equipments not approved for							
322					Rates for materials/ plants/ equipments not approved for duty free facilities to be quoted on duty paid basis. All equipments shall be guaranteed for a period of 12 months from the date of commissioning or date of practical							
323					completion of the project which ever later							

	Α	В	C	;	D	E F	G	Н	I	J	K	L	M
	ITEM				•	DESCRIPTION	UNIT	QTY	MATERIAL	LABOUR RATE	MATERIAL	LABOUR	AMOUNT
6						DESCRIPTION	UNIT	QIT	RATE		AMOUNT	AMOUNT	
					(m)	The rate shall include for insurance during handling,							
						rehandling, transport, storage until ready for installation,							
00.4						delivery of equipments up to the point of installation and							
324						until handing over.							
325						The rates shall include for comprehensive maintenance							
325						during defects liability period of 12 months from the date of							
						The tenderer shall submit the following information on the							
326						items/equipments quoted for together with the tender.							
327						a. make							
328						b. model No.							
329						c. technical data							
330						d. country of manufacture							
331						e. delivery period							
332	1					f. lead time for manufacturing.							
333						g. port of shipping							
334						h. CIF value of each item in foreign currency.							
						j. Optional items and their additional cost. (additional							
335						cost							
336						to be submitted separately)							
337						k. Schedule of items to be carried out by others							
336 337 338 339						installation of generators/transformers/Electrical							
339						such as some builders work and electrical connection.							
340						I. Details of all special features							
341						m. schedule attached to specification.							
					(p)	Rate for all electrical panels shall include for supply and							
						installation of all necessary MCCBs, MCBS, EFRs, ELCBs,							
						auxiliary contacts, Voltmeters, ammeters, Digital							
						analyser,kWh meters, indicator lamps, selector switches,							
						copper bus bars, inter locks, aligning and grounding of the							
						panel, inter connectors, internal wiring connections to switch							
						gear, steel channels and necessary hardware fixing insulating							
						materials, all in fully enclosed metal clad panels and							
						distribution boards completed as shown in drawing. They							
						shall comply with the specifications and l.E.E.regulations and							
						be complete to working order to the approval of local authorities.							
342						authornes.							
072					(a)	Rate shall include for supply, installation, maintaining, testing							
					,	and commissioning of the system for power and lighting							
						according to drawings and specifications to working order.							
343						2							
							1						

	Α	В	С	D	E I	G	Н	I	J	K	L	М
6	ITEM				DESCRIPTION	UNIT	QTY	MATERIAL RATE	LABOUR RATE	MATERIAL AMOUNT	LABOUR AMOUNT	AMOUNT
344 345				(r)	All materials, equipment wiring shall confirm to local codes, specifications, standards/latest I.E.E. regulations ( BS 7671 ).							
346	10.1.00	MAIN D	ISTRIB	UTION, S	SUB DISTRIBUTION AND DISTRIBUTION SYSTEM							
	10.1.01 10.1.02 10.1.03 10.1.04 10.1.07				Distribution Panel for each floor as shown on the drawing, complete with all incoming and outgoing MCBs, RCCBs, etc any other item required to working order, wall mounted wall mount steel powder coated, IP44 enclouser with neutral link, earth bar and required accessories, all complete as per the  Distribution Boards 24 Mod Distribution Board 40A ELCB (2POLE) 40A MCB (2POLE) 6A MCB  / SUB CABLING  All under ground cables directly buried in ground/ in the trenches as applicable, to be laid properly and covered with cable tiles, protection tapes, etc for mechanical protection, PVC sleeves may use if required. Rate shall include for all necessary works/accessories such as excavation, sand layers, cable tiles, warning strips and back filling with approved quality earth,properly compacted, to the satisfication of the Engineer.	nr nr nr nr	1.00 1.00 1.00 2.00					
360 361 362 363 364 365 366	<b>10.2.00</b> 10.2.01 <b>10.3.00</b>				All above ground cables shall be laid on cable tray/ trucnking /conduits as appilcable and covered by tray covers, etc. for mechanical protection. PVC sleeves may use if required. Rate shall include for all necessary works/ accessories such as galvernized brackets, supporting materials, fittings, nails, cable ties, earthing, etc, trays shall be of required sizes, GI powder coated, and shotted, to the satisfication of Engineer  Allow for the total earthing system inclusive of the necessary cables from all the DBs	item	1.00					

	Α	В	С	D	E	G	Н		I	J	K	L	M
	ITEM				DESCRIPTION	UNIT	т дту	MAT	ERIAL	LABOUR RATE	MATERIAL	LABOUR	AMOUNT
6						0.4	Q.I.	R/	TE		AMOUNT	AMOUNT	
					Rate shall include for supply & installation of cable, conduits								
					for point wiring in concealed installations including								
000					lights,switches, power outlet,data points,isolators, etc, all as								
368 369					specified in the drawing								
309	10 2 01				Complex and Installation of 2 or 10 1 Enema 2 DVG/DVG/Co								
	10.3.01				Supply and Installation of 2 x 1C 1.5mm2 PVC/PVC/Cu + 2.5mm2 PVC/Cu earth cable c/w uPVC conduit, junction		5.00						
370					boxes etc. for lights and switches point wiring	nr	3.00						
371					boxes etc. for lights and switches point wiring								
0.1	10.3.02				Supply and Installation of 2 x 1C 2.5mm2 PVC/PVC/Cu +								
					2.5mm2 PVC/Cu earth cable c/w uPVC conduit, junction		_						
					boxes, ethernet cables, RJ45 Connectors, VGA cables etc. for	nr	2.00						
372					the Socket outlets point wiring								
373	10.3.05				6MM 2CORE CABLE ROLL	Roll	0.25						
374	10.3.06				6MM GREEN CABLE ROLL	Roll	0.25						
	10.3.07				2MM RED CABLE ROLL	Roll	1.00						
	10.3.08				2MM BLACK CABLE ROLL	Roll	1.00						
	10.3.09				2MM GREEN CABLE ROLL	Roll	1.00						
378													
379	10.4.00	FIXTURES	<u> </u>										
					Rate shall include supply and installation of following lighting								
					fixtures, socket outlets as specified and detailed, fixed in								
					position including all fixing accessories, supports and connect								
380					to power, under following conditions								
380 381					All bathrooms, out door light fixtures shall be IP65								
001					1. All patilioonis, out door light lixtures shall be 1705								
382					2. All switches & sockets shall be ABB or equivalent brand.								
383					,								
384		LIGHTS A	ND SWI	TCHES									
	10.4.01				Outdoor wall light 40W (IP65)	nr	1.00						
386	10.4.04				150mm Ceiling light 18W LED	nr	2.00						
387	10.4.08				Light switch (1 G)	nr	2.00						
387 388 389													
389	10.4.14	SOCKETS		12	A husin populate		2.00						
390	10.4.14			13	A twin sockets	nr	2.00						
392					TOTAL OF BILL №: 10 - Carried Over To Summary								