

**BILL OF QUANTITIES**

**COMMUNITY GYM FOOD HUT K.GURAIIDHOO**

**CLIENT : K.GURAIIDHOO COUNCIL**

SUMMARY OF BILLS OF QUANTITIES  
**COMMUNITY GYM FOOD HUT K.GURAI DHOO**

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			
<b>TOTAL AMOUNT</b>			
<b>GST 8%</b>			
<b>TOTAL AMOUNT including GST</b>			



	A	B	C	D	E	F	G	H	I	J	K	L	M
6	ITEM	DESCRIPTION				UNIT	QTY	MATERIAL RATE	LABOUR RATE	MATERIAL AMOUNT	LABOUR AMOUNT	AMOUNT	
40	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				m <sup>3</sup>	6.00						
41													
42													
43													
44	2.4.00	<b>FILLING</b>				m <sup>2</sup>	5.00						
45	Rate shall include for: levelling, grading, trimming, compacting and similar												
46	2.4.01	Compacted earth filling under ground slab											
47													
48	2.5.00	<b>DAMP-PROOF MEMBRANE</b>				m <sup>2</sup>	9.00						
49		Rate shall include for: dressing around and sealing to all penetrations,laps and turnups.											
50		2.5.01	Polythene damp proof membrane (500 gauge)										
51													
52													
53													
54	2.8.00	<b>TOTAL OF BILL №: 02 - Carried Over To Summary</b>											



	A	B	C	D	E	F	G	H	I	J	K	L	M
6	ITEM	DESCRIPTION				UNIT	QTY	MATERIAL RATE	LABOUR RATE	MATERIAL AMOUNT	LABOUR AMOUNT	AMOUNT	
79		<b>COLUMNS</b>											
80	3.3.11	150	x	150	mm Concrete columns C2	m <sup>3</sup>	0.41						
81													
82		<b>Floor Slab</b>											
83	3.4.04			100	mm slab	m <sup>3</sup>	1.58						
84													
85		<b>Beam</b>											
86	3.4.06	250	x	150	mm Beam WB	m <sup>3</sup>	0.70						
87													
88					Cement	Bag	31.02						
89					Coarse Sand	Bag	62.05						
90					Aggregate	Bag	93.07						
91					Admixture	Bag	3.10						
92		<b>FORM WORK</b>											
93	3.8.00	<b>FOUNDATION BEAMS</b>											
94	3.8.07	200	x	250	mm Tie Beam FB2	m <sup>2</sup>	7.58						
95													
96		<b>COLUMNS</b>											
97	3.8.10	150	x	150	mm Concrete columns C2	m <sup>2</sup>	10.80						
98													
99		<b>Floor Slab</b>											
100	3.9.04			100	mm slab	m <sup>2</sup>	1.00						
101													
102		<b>Beam</b>											
103	3.9.06	250	x	150	mm Beam WB	m <sup>2</sup>	10.23						
104													
105													
106					Plywood 12mm flim faced	Nos	8.00						
107					Timber 35x50mm	m <sup>3</sup>	0.37						
108					Timber 50x50mm	m <sup>3</sup>	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						
112					4" Wooden Screw	Nos	50.00						
113													
114		<b>STEEL WORK</b>											
115	3.13.00	<b>FOUNDATION BEAMS</b>											
116	3.13.01	6			mm Steel bar in foundation	nr	24.00						
117	3.13.02	12			mm Steel bar in foundation	nr	15.00						
118													
119		<b>COLUMNS</b>											
120	3.13.06	6			mm in pedastal column	nr	24.00						
121	3.13.07	12			mm in pedastal column	nr	18.00						
122													







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

	A	B	C	D	E	F	G	H	I	J	K	L	M
6	ITEM					DESCRIPTION	UNIT	QTY	MATERIAL RATE	LABOUR RATE	MATERIAL AMOUNT	LABOUR AMOUNT	AMOUNT
200	6.0.00					<b>Bill №: 06 - MASONRY</b>							
201						<b>GENERAL</b>  (a) Rates shall include for: cleaning out cavities, forming rebated 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, templates, reinforcement in walls and for all necessary making good.							
202													
203													
204													
205	6.1.00						<b>BLOCK WORK</b>						
206							Cement block wall, bricks laid to form alternate courses of headers and stretchers, laid on and inc. mortar. (EXTERNAL WALLS)						
207							100 mm thk full height (Full block)						
208							BELOW GROUND FLOOR	m <sup>2</sup>	7.44				
209	6.1.03						4" Solid Bricks	Nos	171.12				
210							Cement	Bag	1.71				
211						Coarse Sand	Bag	8.56					
212													
213													
214	6.1.04					GROUND FLOOR	m <sup>2</sup>	55.46					
215						4" Solid Bricks	Nos	1,275.47					
216						Cement	Bag	12.75					
217						Coarse Sand	Bag	63.77					
218													
219						<b>TOTAL OF BILL №: 06 - Carried Over To Summary</b>							
220	7.0.00					<b>Bill №: 07 - FLOOR, WALL FINISHINGS</b>							
221						<b>GENERAL</b>  (a) Rates shall include for: fixing, bedding, grouting, and pointing materials; making good around pipes, sanitary fixtures, and similar; cleaning down and polishing.  (b) "Masterseal 550" or equivalent should be applied on top of screeds and walls upto 600mm in all toilets.							
222													
223													
224													
225													
226	7.1.00						<b>PLASTERING</b>						



	A	B	C	D	E	F	G	H	I	J	K	L	M
6	ITEM	DESCRIPTION				UNIT	QTY	MATERIAL RATE	LABOUR RATE	MATERIAL AMOUNT	LABOUR AMOUNT	AMOUNT	
266		(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.											
267													
268													
269													
270	8.1.00	<b>PLASTERBOARD CEILING</b>											
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						
277		1 1/2" black screw				Nos	131.14						
278		1" black screw				Nos	131.14						
279		1 1/2" Wall plug				Nos	118.50						
280													
281		<b>TOTAL OF BILL №: 08 - Carried Over To Summary</b>											

	A	B	C	D	E	F	G	H	I	J	K	L	M
6	ITEM	DESCRIPTION				UNIT	QTY	MATERIAL RATE	LABOUR RATE	MATERIAL AMOUNT	LABOUR AMOUNT	AMOUNT	
282	9.0.00	<b>Bill №: 09 - PAINTING &amp; DECORATIONS</b>											
283		<b>GENERAL</b>											
284		(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 replacing door & window furniture.											
285		(b) All painting work shall be carried in accordance with the Specifications.											
286													
287													
288	9.1.00	<b>WALL PAINTING</b>											
289		Weatherbound paint finish as specified (EXTERNAL SURFACES)											
290		GROUND FLOOR				m <sup>2</sup>	52.67						
291	9.1.02	Exterior Wall sealer				Ltr	15.05						
292		Enamel Paint				Ltr	15.05						
293													
294													
295		Emulsion paint finish including putty application on brick 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		Interior Putty				Kg	52.67						
299		Emulsion Paint				Ltr	11.70						
300													
301	9.2.00	<b>CEILING PAINTING</b>											
302		Selected paint finish including putty application on ceiling as specified (CEILING)											
303		GROUND FLOOR				m <sup>2</sup>	15.77						
304	9.2.01	Interior Wall sealer				Ltr	3.50						
305		Interior Putty				Kg	15.77						
306		Emulsion Paint				Ltr	3.50						
307													
308													
309		<b>TOTAL OF BILL №: 09 - Carried Over To Summary</b>											
310	10.0.00	<b>Bill №: 10 - MECHANICAL &amp; ELECTRICAL SERVICES</b>											
311		<b>GENERAL</b>											
		(a) Design, provide and install electrical network for the entire building complete in accordance to standards set by the local governing body STELCO/FENAKA											
312													

	A	B	C	D	E	F	G	H	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/Omissions 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.											
315		(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 glands and boxes, hardware clips, soldering and jointing materials etc. for proper installing and laying of cables											
316		(e) Rates for electrical isolators, conduits, fittings, equipment and similar items shall include for: all fixings to various building surfaces.											
317		(f) A light fixture is measured as one point; switch end of wire is not included in the quantity.											
318		(g) A point wiring for power points is measured (regardless of 1 gang, 2 gang etc) as one point for each socket outlet; other end of wire is not included in the quantity.											
319		(h) All under ground cables directly buried in ground/run in 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 connected, hot dipped galvanized brackets											
320		(i) The contractors are requested to refer Conditions of Contract, Special Conditions of Contract, Drawings and Specification and other relevant documents related to this tender prior to pricing of the following items											
321		(j) The contractor shall provide a schedule of all builder's work in connection with details of such items as necessary, along with the tender.											
322		(k) Rates for materials/ plants/ equipments not approved for duty free facilities to be quoted on duty paid basis.											
323		(l) All equipments shall be guaranteed for a period of 12 months from the date of commissioning or date of practical completion of the project which ever later											

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6	ITEM	DESCRIPTION				UNIT	QTY	MATERIAL RATE	LABOUR RATE	MATERIAL AMOUNT	LABOUR AMOUNT	AMOUNT	
324		(m) The rate shall include for insurance during handling, rehandling, transport, storage until ready for installation, delivery of equipments up to the point of installation and until handing over.											
325		(n) The rates shall include for comprehensive maintenance during defects liability period of 12 months from the date of											
326		(o) The tenderer shall submit the following information on the 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		f. lead time for manufacturing.											
333		g. port of shipping											
334		h. CIF value of each item in foreign currency.											
335		j. Optional items and their additional cost. (additional cost											
336		to be submitted separately)											
337		k. Schedule of items to be carried out by others											
338		installation of generators/transformers/Electrical											
339		such as some builders work and electrical connection.											
340		l. Details of all special features											
341		m. schedule attached to specification.											
342		(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 andl.E.E.regulations and be complete to working order to the approval of local authorities.											
343		(q) 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.											

	A	B	C	D	E	F	G	H	I	J	K	L	M
6	ITEM	DESCRIPTION				UNIT	QTY	MATERIAL RATE	LABOUR RATE	MATERIAL AMOUNT	LABOUR AMOUNT	AMOUNT	
		(r) All materials, equipment wiring shall confirm to local codes, specifications, standards/latest I.E.E. regulations ( BS 7671 ).											
344													
345													
346	<b>10.1.00</b>	<b><u>MAIN DISTRIBUTION, SUB DISTRIBUTION AND DISTRIBUTION SYSTEM</u></b>											
347													
348		<u>Distribution Boards ( DB )</u>											
		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											
349													
350													
351	10.1.01	Distribution Boards				nr	1.00						
352	10.1.02	24 Mod Distribution Board				nr	1.00						
353	10.1.03	40A ELCB (2POLE)				nr	1.00						
354	10.1.04	40A MCB (2POLE)				nr	1.00						
355	10.1.07	6A MCB				nr	2.00						
356													
357		<u>MAIN / SUB CABLING</u>											
		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 satisfaction of the Engineer.											
358													
359													
		All above ground cables shall be laid on cable tray/ trucnking /conduits as applicable 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 satisfaction of Engineer											
360													
361													
362													
363	<b>10.2.00</b>	<b><u>GENERAL EARTHING</u></b>											
364	10.2.01	Allow for the total earthing system inclusive of the necessary cables from all the DBs				item	1.00						
365													
366													
367	<b>10.3.00</b>	<b><u>POINT WIRING AND FITTINGS</u></b>											



	A	B	C	D	E	F	G	H	I	J	K	L	M
6	ITEM	DESCRIPTION				UNIT	QTY	MATERIAL RATE	LABOUR RATE	MATERIAL AMOUNT	LABOUR AMOUNT	AMOUNT	
368		Rate shall include for supply & installation of cable, conduits for point wiring in concealed installations including lights,switches, power outlet,data points,isolators, etc, all as specified in the drawing											
369													
370	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 boxes etc. for lights and switches point wiring				nr	5.00						
371													
372	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 the Socket outlets point wiring				nr	2.00						
373	10.3.05	6MM 2CORE CABLE ROLL				Roll	0.25						
374	10.3.06	6MM GREEN CABLE ROLL				Roll	0.25						
375	10.3.07	2MM RED CABLE ROLL				Roll	1.00						
376	10.3.08	2MM BLACK CABLE ROLL				Roll	1.00						
377	10.3.09	2MM GREEN CABLE ROLL				Roll	1.00						
378													
379	<b>10.4.00</b>	<b><u>FIXTURES</u></b>											
		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 to power, under following conditions											
380													
381		1. All bathrooms, out door light fixtures shall be IP65											
382		2. All switches & sockets shall be ABB or equivalent brand.											
383													
384		<b><u>LIGHTS AND SWITCHES</u></b>											
385	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						
388													
389		<b><u>SOCKETS</u></b>											
390	10.4.14	13 A twin sockets				nr	2.00						
391													
392		<b>TOTAL OF BILL No: 10 - Carried Over To Summary</b>											