

**IN THE THIRD SESSION OF THE SEVENTH PARLIAMENT OF THE FOURTH
REPUBLIC**

**THE REPORT OF THE FINANCE COMMITTEE ON THE REQUEST FOR THE
WAIVER OF IMPORT DUTIES, IMPORT VAT, IMPORT NHIL/GETFUND
LEVY, AU LEVY, ECOWAS LEVY, EXIM LEVY AND SPECIAL IMPORT LEVY
AMOUNTING TO THE GHANA CEDI EQUIVALENT OF FIVE MILLION, NINE
HUNDRED AND EIGHTY-THREE THOUSAND, FIVE HUNDRED AND FORTY
DOLLARS AND NINETY-SEVEN CENTS (US\$5,983,540.97) ON THE
PURCHASE OF EQUIPMENT AND MATERIALS FOR THE COMPLETION OF
THE UNIVERSITY OF GHANA MEDICAL HOSPITAL - PHASE 2 UNDER A
TURNKEY PROJECT INVOLVING EXPANSION WORKS AT THE UNIVERSITY
OF GHANA MEDICAL CENTRE**

1.0 INTRODUCTION

The request for the waiver of Import Duties, Import VAT, Import NHIL/GETFUND Levy, AU Levy, ECOWAS Levy, EXIM Levy and Special Import Levy amounting to the Ghana Cedi equivalent of Five Million, Nine Hundred and Eighty-Three Thousand, Five Hundred and Forty Dollars and Ninety-Seven Cents (US\$5,983,540.97) on the purchase of equipment and materials for the Completion of the University of Ghana Medical Hospital - Phase 2 under a Turnkey Project involving Expansion Works at the University of Ghana Medical Centre was presented to the House on Thursday, 24th October, 2019 by the Majority Leader and Minister responsible for Parliamentary Affairs, Hon. Osei Kyei-Mensah-Bonsu on behalf of the Minister for Finance.

Rt. Hon. Speaker referred the request to the Finance Committee for consideration and report.

The Committee met with a Deputy Minister for Finance, Hon. Kwaku Kwarteng, a Deputy Minister for Health, Hon Alexander Kodwo Kom Abban and officials from the Ministry of Finance, the Ministry of Health, the Ghana Revenue Authority and the University of Ghana Medical Center (UGMC) and considered the request.

2.0 DOCUMENTS REFERRED TO

The Committee referred to the following documents during its deliberations:

- The 1992 Constitution of Ghana;
- The Public Financial Management Act, 2016 (Act 921);
- The Standing Orders of the Parliament of Ghana; and
- The Commercial Agreement between the Government of the Republic of Ghana (Ministry of Health) and Engineering Development Consultant (EDC) Ltd for an amount of €40,500,000.00 to finance the completion of the University of Ghana Medical Centre (Phase II)

3.0 BACKGROUND

Cabinet approved the construction of the University of Ghana Medical School (UGMC) project in 2012. The project was for the construction and equipping of a Six Hundred and Seventeen (617) bed capacity teaching and quaternary level hospital located within the University of Ghana, Legon. A commercial contract was signed between the Government of Ghana, represented by the Ministry of Health and Messrs. Engineering Development Consultant (EDC) Limited of Israel.

The object of the project was to establish a state-of-the-art training facility for medical education that would facilitate the relocation and accommodation of all

institutions of College of Health Sciences to the University of Ghana, Legon Campus and to serve as a nerve centre of the proposed Medical Village. The Centre would be a first class referral hospital and would operate at a specialized level to attract clientele beyond the borders of Ghana and to take advantage of the specialties offered in the country.

A further objective is for the Medical Centre when fully completed, to serve as a Centre for super tertiary care and specialties and medical tourism for those in need of medical services within the sub-region and beyond.

At its Thirty-Sixth Sitting of the Second Meeting held on 16th July, 2018, Parliament approved by Resolution the Ashra Export Credit between the Government of the Republic of Ghana and Bank Hapoalim B.M of Israel for an amount of €40,643,000.00 to finance the turnkey project involving the expansion works at the University of Ghana Medical Centre.

Also at the Thirty-Eighth Sitting of the Second Meeting held on 18th July, 2018. Parliament approved by Resolution the Commercial Agreement between the Government of the Republic of Ghana (Ministry of Health) and Engineering Development Consultant (EDC) Ltd for an amount of €40,500,000.00 to finance the completion of the University of Ghana Medical Centre (Phase II).

Phase 2 is to complement Phase 1 and make the UGMC operational. Currently, the UGMC requires some critical and sustainable interventions before it can become operational and that is what Phase 2 seeks to do.

Article 12 (1&2) of the Ashra Export Credit Facility Agreement and Tied Complementary Commercial Facility Agreement puts the burden of taxes and duties on the project on the Borrower (Government).

Further, the Loan and Commercial Agreements as approved debars the use of the proceeds of the funds for the payment of taxes.

In accordance with Article 174 (2) of the 1992 Constitution and to ensure the smooth implementation of the project, the request for the waiver of tax and duty

liabilities in respect of the materials and equipment to be imported for the implementation of the completion of Phase II of the University of Ghana Medical School (UGMC) has been presented to the House for approval.

4.0 THE REQUEST

The request before Parliament is for the waiver of Import Duties, Import VAT, NHIL /GETFund Levy, EXIM Levy, ECOWAS Levy, AU Levy and Special Import Levy, amounting to the Ghana Cedi equivalent of Five Million, Nine Hundred and Eighty-Three Thousand, Five Hundred and Forty United States Dollars, and Ninety-Seven Cents (US\$5,983,540.97).

4.1 Assessment of Duties, Taxes and Levies

A breakdown of the tax assessment undertaken by the Ghana Revenue Authority (GRA) is provided in Table 1 below:

Table 1: Breakdown of Tax Assessment by GRA

	Item	Amount (US\$)
1	IMPORT DUTY	2,528,226.60
2	IMPORT VAT	2,051,913.66
3	NHIL /GETFUND LEVY	781,269.97
4	EXIM LEVY	135,245.81
5	AU LEVY	36,065.55
6	ECOWAS LEVY	90,163.88
7	SIL	360,655.50
	TOTAL	5,983,540.97

Attached as an APPENDIX is the details of the tax assessment.

5.0 OBSERVATIONS

5.1 Rationale for the Project

The Committee was informed that Phase 2 of the Project was an urgent and a necessary stage as it focuses on the provision of critical requirements necessary for the completion and operationalization of the Medical Center. Phase 2 also focuses on the provision of strategic income generating services for short, medium and long-term sustainability of the Hospital including a technical assistance package. It is a necessary complement to Phase 1 and it targets new clinical services and medical interventions that will give the UGMC a competitive edge over others in Ghana as well as the sub-region. The loan sourced for Phase 2 is both critical and complementary in mobilizing additional resources to address the critical gaps in the operations and sustainability of the UGMC and for the completion of the UGMC project.

The additional works to be undertaken under phase 2 are deemed necessary for the hospital to meet international accreditation standards, improve functionality and support financial sustainability of the hospital. Additional medical facilities and specialized medical departments and services are also required for the attainment of international accreditation standards of a quaternary level hospital, as well as, enhance sustainability and operational effectiveness.

5.2 Installed Medical Equipment

The Committee was informed that under Phase 1; a number of medical equipment were installed under warranty. Unfortunately the machines could not be used as the warranty on them had lapsed. Phase 2 has the support phase for the installed equipment by way of maintenance and this would help to run the equipment and operationalize the hospital.

5.3 Training

The Committee noted that under the Project, there is a training component of which the medical staff and other medical technicians/engineers of the UGMC and Ministry of Health would be trained.

The technical team from UGMC stated that the hospital is currently recruiting about Two Hundred and Seventy (270) personnel to help expand its operations. This number would be scaled up as and when other departments of the Hospital are complete.

5.4 Operations of the Hospital

The Committee was informed that when the Center commenced operations on 18th July, 2018, the focus was to install softwares and undertake standard operational protocols. The Center was not in the position to take in patients and do surgeries. However, OPD services are being offered. The successful completion of Phase 2 would enable the Center expand its operations and operate fully.

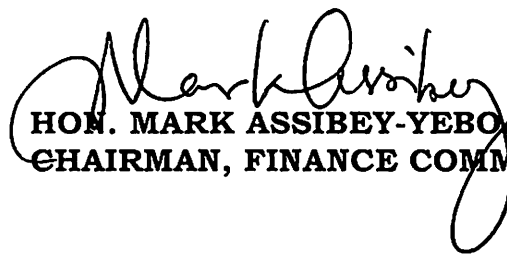
6.0 CONCLUSION

The Committee has carefully considered the request and is of the view that the request is in the right direction.


The Committee therefore recommends to the House to adopt its report and to approve the request for Waiver of Import Duties, Import VAT, Import NHIL/GETFUND Levy, AU Levy, ECOWAS Levy, EXIM Levy and Special Import Levy amounting to the Ghana Cedi equivalent of Five Million, Nine Hundred and Eighty-Three thousand, Five Hundred and Forty Dollars and Ninety-Seven Cents (US\$5,983,540.97) on the purchase of equipment and materials for the Completion of the University of Ghana Medical Hospital - Phase 2 under a

Turnkey Project involving Expansion Works at the University of Ghana Medical Centre in accordance with Article 174(2) of the Constitution, the Public Financial Management Act, 2016 (Act 921) and the Standing Orders of Parliament.

Respectfully submitted.



HON. MARK ASSIBEY-YEBOAH (DR)
CHAIRMAN, FINANCE COMMITTEE



EVELYN BREFO-BOATENG
CLERK TO THE COMMITTEE

1st November, 2019

TP/ED/TA

TAX ASSESSMENT

IMPORTER: MINISTRY OF HEALTH/UNIVERSITY OF GHANA MEDICAL CENTRE - PHASE II

Description of Goods	unit	Qty	CIF (USD)	I/D Rate	Imp. Duty	Nhll/Gfund 5%	Imp. VAT 12.5%	AU Levy 0.2%	Eco. Levy 0.5%	EXIM 0.75%	SIL 2%	TOTAL (USD)
Maternity & Child												
Wooden door - 100/210	unit	43	19,350	20%	3870	968	3023	39	97	145	387	8,529
DITTO BUT PIVOT @ TOILET	unit	78	42,900	20%	8580	2339	6727	86	215	322	858	19,126
Wooden door - 120/210	unit	87	44,370	20%	8874	2648	6986	89	222	333	887	20,039
Wooden door - 90/210	unit	59	25,370	20%	5074	1712	4020	51	127	190	507	11,681
O.R sliding doors sealed for air leakage by Foasam	unit	3	43,200	20%	8640	2414	6782	86	216	324	864	19,326
SANITARY INSTALLATION SYSTEMS including hot cold drainage and sewage fixtures								0				
Washbasin	unit	115	20,125	20%	4025	1208	3170	40	101	151	403	9,097
glass counter with embeded sink patient room 90/50/90 including bullding 5	unit	104	72,800	20%	14560	4368	11466	146	364	546	1456	32,906
ditto @ IVF clinic 120/50/90		1	1,000	20%	200	60	158	2	5	8	20	452
ditto a building 3 255 /50/90		1	2,000	20%	400	120	315	4	10	15	40	904
WC	unit	104	37,440	20%	7488	2246	5897	75	187	281	749	16,923
Shower cubical	unit	84	13,020	20%	2604	781	2051	26	65	98	260	5,885
galvenized steel pipe sched 40 astm. 1/2" including brackets	lm	2100	46,200	20%	9240	2772	7277	92	231	347	924	20,882
ditto 3/4"	lm	1837.5	42,263	20%	8453	2536	6656	85	211	317	845	19,103
ditto 1"	lm	481.25	11,550	20%	2310	693	1819	23	58	87	231	5,221
ditto 1,1/4"	lm	358.75	8,969	20%	1794	538	1413	18	45	67	179	4,054
ditto 1,1/2"	lm	175	4,725	20%	945	284	744	9	24	35	95	2,136
ditto 2"	lm	131	5,633	20%	1127	338	887	11	28	42	113	2,546
ditto 3"	lm	1225	64,925	20%	12985	3896	10226	130	325	487	1299	29,346
ditto 4"	lm	919	61,573	20%	12315	3694	9698	123	308	462	1231	27,831
ditto 6"	lm	612	47,124	20%	9425	2827	7422	94	236	353	942	21,300
insulation to the pipe diamet. 1/2"	lm	88	660	20%	132	40	104	1	3	5	13	298
insulation to the pipe diamet. 3/4"	lm	271	2,168	20%	434	130	341	4	11	16	43	980
insulation to the pipe diamet. 1"	lm	105	945	20%	189	57	149	2	5	7	19	427
insulation to the pipe diamet. 1, 1/4"	lm	52	546	20%	109	33	86	1	3	4	11	247
insulation to the pipe diamet. 1,1/2"	lm	438	5,694	20%	1139	342	897	11	28	43	114	2,574
insulation to the pipe diamet. 2"	lm	262	4,978	20%	996	299	784	10	25	37	100	2,250

insulation to the pipe diamet. 3"	lm	173	4,585	20%	917	275	722	9	23	34	92	2,072
ball valave by HABONIM 1/2"	unit	52	2,262	20%	452	136	356	5	11	17	45	1,022
ditto 3/4"	unit	58	3,828	20%	766	230	603	8	19	29	77	1,730
ditto 1"	unit	13	1,248	20%	250	75	197	2	6	9	25	564
ditto 1,1/4"	unit	35	3,675	20%	735	221	579	7	18	28	74	1,661
ditto 1,1/2"	unit	18	3,024	20%	605	181	476	6	15	23	60	1,367
ditto 2"	unit	167	44,088	20%	8818	2645	6944	88	220	331	882	19,928
galvanized records 1/2"	unit	40	280	20%	56	17	44	1	1	2	6	127
ditto 3/4"	unit	40	320	20%	64	19	50	1	2	2	6	145
ditto 1"	unit	19	171	20%	34	10	27	0	1	1	3	77
ditto 1,1/4"	unit	34	408	20%	82	24	64	1	2	3	8	184
ditto 1,1/2"	unit	22	352	20%	70	21	55	1	2	3	7	159
ditto 2"	unit	6	138	20%	28	8	22	0	1	1	3	62
ditto 3"	unit	7	294	20%	59	18	46	1	1	2	6	133
ditto 4"	unit	22	1,364	20%	273	82	215	3	7	10	27	617
ditto 6"	unit	1663	151,333	20%	30267	9080	23835	303	757	1135	3027	68,403
pipng and fittings from prppilan up to 2"	lm	1138	27,312	20%	5462	1639	4302	55	137	205	546	12,345
pipng from steel "nohub" made by "ako" 4"	lm	306	16,830	20%	3366	1010	2651	34	84	126	337	7,607
ditto 6"	lm	271	18,970	20%	3794	1138	2988	38	95	142	379	8,574
floor trap 4"/2"	unit	78	2,418	20%	484	145	381	5	12	18	48	1,093
cleaning point 4" prppylan	unit	209	7,942	20%	1588	477	1251	16	40	60	159	3,590
wall mount mixing valve with crom handel	unit	78	14,976	20%	2995	899	2359	30	75	112	300	6,769
ditto for facit	unit	209	21,945	20%	4389	1317	3456	44	110	165	439	9,919
ditto for shower	unit	78	14,586	20%	2917	875	2297	29	73	109	292	6,593
toilet washer	unit	78	13,260	20%	2652	796	2088	27	66	99	265	5,994
bed pan washer	unit	6	14,382	20%	2876	863	2265	29	72	108	288	6,501
stainless steel counter for bad pan	unit	6	8,628	20%	1726	518	1359	17	43	65	173	3,900
slopesink	unit	18	6,894	20%	1379	414	1086	14	34	52	138	3,116
Sub Chapter 01.07.03 -Rainwater drainage	unit				0	0	0	0	0	0	0	-
Rainwater collectors	unit	6	7,188	20%	1438	431	1132	14	36	54	144	3,249
Sub Chapter 01.07.03 medical gas					0	0	0	0	0	0	0	-
cooper pipe 3/8"	l.m	990	49,500	20%	9900	2970	7796	99	248	371	990	22,374
ditto 1/2"	l.m	820	45,100	20%	9020	2706	7103	90	226	338	902	20,385
ditto 3/4"	l.m	320	22,400	20%	4480	1344	3528	45	112	168	448	10,125
ditto 1"	l.m	100	7,500	20%	1500	450	1181	15	38	56	150	3,390
valve for above	unit	32	3,072	20%	614	184	484	6	15	23	61	1,389

alarm system @ nurse station	unit	8	19,168	20%	3834	1150	3019	38	96	144	383	8,664
oxygen outlet	unit	104	8,944	20%	1789	537	1409	18	45	67	179	4,043
vacum outlet	unit	104	8,944	20%	1789	537	1409	18	45	67	179	4,043
air outlet	unit	48	4,128	20%	826	248	650	8	21	31	83	1,866
nitrous outlet	unit	6	516	20%	103	31	81	1	3	4	10	233
aluminum supply panel for head walls	lm	350	77,000	20%	15400	4620	12128	154	385	578	1540	34,804
vertical head walls for icu and recovery by zilberman .Triangle (algor -langer) for neonethology	unit	12	174,000	20%	34800	10440	27405	348	870	1305	3480	78,648
scavanging @ O.R , Gastro	unit	2	10,500	20%	2100	630	1654	21	53	79	210	4,746
oxygen exchange by zylberman israel , biocombe israel	unit	2	38,400	20%	7680	2304	6048	77	192	288	768	17,357
vacum exchange manuf. By zilberman	unit	2	32,600	20%	6520	1956	5135	65	163	245	652	14,735
ditto comressed air exchange	unit	2	32,600	20%	6520	1956	5135	65	163	245	652	14,735
ditto nitroiuis exchange	unit	1	18,700	20%	3740	1122	2945	37	94	140	374	8,452
Chapter 01.08 - Electrical Works					0	0	0	0	0	0	0	-
all electrical components will be made by simmens , abb, merlyn gearn, or simlar. Light fixtures by trilux , glamox , ghash or simliar					0	0	0	0	0	0	0	-
electrical panel per floor	unit	2	154,000	5%	7700	8085	21223	308	770	1155	3080	42,321
or electrical panel	unit	2	172,600	5%	8630	9062	23786	345	863	1295	3452	47,433
isolator transformers Skva	unit	4	10,800	5%	540	567	1488	22	54	81	216	2,968
flilor control fire alarm exchange	unit	1	15,000	5%	750	788	2067	30	75	113	300	4,122
nurse call station exchange	unit	4	68,000	5%	3400	3570	9371	136	340	510	1360	18,687
Cable tray 400 mm wide	l.m	1600	24,000	20%	4800	1440	3780	48	120	180	480	10,848
Cable tray 300 mm wide	l.m	2000	27,000	20%	5400	1620	4253	54	135	203	540	12,204
Cable tray 200 mm wide	l.m	1600	19,200	20%	3840	1152	3024	38	96	144	384	8,678
Cable tray 100 mm wide	l.m	300	2,850	20%	570	171	449	6	14	21	57	1,288
Cable pvc channels 120X^ Cm	l.m	200	2,100	20%	420	126	331	4	11	16	42	949
ditto 60X60	l.m	215	2,043	20%	409	123	322	4	10	15	41	923
ditto 30x25	l.m	310	2,418	20%	484	145	381	5	12	18	48	1,093
ditto 15 x15	l.m	78	452	20%	90	27	71	1	2	3	9	204
cable conduit pvc self fire pr. 16 mm	l.m	4500	17,100	20%	3420	1026	2693	34	86	128	342	7,729
ditto 23 mm	l.m	2200	9,680	20%	1936	581	1525	19	48	73	194	4,375
ditto 29 mm	l.m	1100	5,280	20%	1056	317	832	11	26	40	106	2,387
ditto 38	l.m	400	2,800	20%	560	168	441	6	14	21	56	1,266
Power cable	l.m	16000	528,000	20%	105600	31680	83160	1056	2640	3960	10560	238,656
Loudspeaker point	comp	32	1,984	20%	397	119	312	4	10	15	40	897
Door release electro magnets point	comp	8	208	20%	42	12	33	0	1	2	4	94

light fixture 60x60 w/ 4 flourcent light	unit	830	59,760	20%	11952	3586	9412	120	299	448	1195	27,012
light fixture 30x120 w/ 2 flourcent light	unit	82	4,920	20%	984	295	775	10	25	37	98	2,224
light fixture round w/pl flourcent light	unit	26	1,170	20%	234	70	184	2	6	9	23	529
light fixture 60x60 w/ 4 flourcent light sealed for O.R	unit	6	1,440	20%	288	86	227	3	7	11	29	651
light fixture 60x120 w/ 4 flourcent light sealed for or	unit	4	1,920	20%	384	115	302	4	10	14	38	868
light fixture round w/pl flourcent light sealed for O.R	unit	2	364	20%	73	22	57	1	2	3	7	165
light fixture round w/pl flourcent llght with dimming	unit	6	1,380	20%	276	83	217	3	7	10	28	624
light fixture 15x60 w/flourcent light sealed for toilets	unit	12	1,032	20%	206	62	163	2	5	8	21	466
light fixture night light @ corridor and patient	unit	50	4,150	20%	830	249	654	8	21	31	83	1,876
Warning lamp point	unit	50	2,750	20%	550	165	433	6	14	21	55	1,243
view box	unit	0		20%	0	0	0	0	0	0	0	-
computer floor hub	unit	5	140,000	20%	28000	8400	22050	280	700	1050	2800	63,280
computer cable	l.m	7300	226,300	20%	45260	13578	35642	453	1132	1697	4526	102,288
telephone cable	l.m	1460	17,520	20%	3504	1051	2759	35	88	131	350	7,919
nurse call cable	l.m	1460	30,660	20%	6132	1840	4829	61	153	230	613	13,858
decorative light fixture	unit	0		20%	0	0	0	0	0	0	0	-
light fixture 15x60 w/flourcent light sealed for toilets	unit	26	2,236	20%	447	134	352	4	11	17	45	1,011
light fixture night light @ corridor and patient	unit	12	996	20%	199	60	157	2	5	7	20	450
night light for patient rooms patient corridors etc.	unit	111	3,885	20%	777	233	612	8	19	29	78	1,756
light fixture reading light	unit	66	3,564	20%	713	214	561	7	18	27	71	1,611
O.R ,ldr panel per elevation by zilberman from stainless steel. which includes :temp control , view box , intercom , digital clock , light control , electrical outlets etc.	unit	6	23,400	20%	4680	1404	3686	47	117	176	468	10,577
fire extingusher for electrical panels	unit	6	34,800	20%	6960	2088	5481	70	174	261	696	15,730
PA adress system	unit	1	22,000	20%	4400	1320	3465	44	110	165	440	9,944
emergency dual lighting	unit	220	23,100	20%	4620	1386	3638	46	116	173	462	10,441

Chapter 01.10 - Flooring and cladding works					0	0	0	0	0	0	0	0	-
Thresholds, door thresholds and/or divider strips between levels and between various flooring surfaces are included in the price.					0	0	0	0	0	0	0	0	-
conductive PVC	Sq. m	220	26,400	20%	5280	1584	4158	53	132	198	528		11,933
Stair landing tiling using 30 x 30 cm ceramic tiles, including 7 cm high ceramic wall base made from the tiling material.	Sq. m	95	5,510	20%	1102	331	868	11	28	41	110		2,491
Flooring using 30 x 30 cm granite porcelain tiles.	Sq. m	4300	240,800	20%	48160	14448	37926	482	1204	1806	4816		108,842
10 cm ceramic base	lm	1030	22,660	20%	4532	1360	3569	45	113	170	453		10,242
Cladding of the lobbies with 30 x 60 cm granite porcelain tiles	Sq. m	2050	118,900	20%	23780	7134	18727	238	595	892	2378		53,743
Flooring of the lavatories with 20 x 20 cm R-11 (anti-slip) granite porcelain tiles.	Sq. m	430	22,360	20%	4472	1342	3522	45	112	168	447		10,107
Cladding of the lavatories with the use of 20 x 20 cm granite porcelain tiles.	Sq. m	2120	106,000	20%	21200	6360	16695	212	530	795	2120		47,912
glass wall protection @ OR 120 cm	lm	125	22,500	20%	4500	1350	3544	45	113	169	450		10,170
toilet paper dispenser.	Units	99	3,762	20%	752	226	593	8	19	28	75		1,700
Towel bar	Units	94	5,452	20%	1090	327	859	11	27	41	109		2,464
Paper towel dispenser	Units	104	8,944	20%	1789	537	1409	18	45	67	179		4,043
Stainless steel soap dispenser.	Units	84	3,360	20%	672	202	529	7	17	25	67		1,519
Dispenser + brush. Bobrick 805365	Units	84	3,360	20%	672	202	529	7	17	25	67		1,519
hand support w soap holder by Bobrick B-5845	Units	22	3,960	20%	792	238	624	8	20	30	79		1,790
coat hanger	Units	62	1,178	20%	236	71	186	2	6	9	24		532
towel hanger	Units	62	1,302	20%	260	78	205	3	7	10	26		589
mirror by Bonrick type B165-2430 60X80 cm	Units	105	23,100	20%	4620	1386	3638	46	116	173	462		10,441
protecting corner guards from stainless steel 2 m ht.	Units	281	14,050	20%	2810	843	2213	28	70	105	281		6,351
protection wall guard IPC 1. 1/8" type high wall guard installed above ceramic tiles	lm	2340	180,180	20%	36036	10811	28378	360	901	1351	3604		81,441
Chapter 01.11 - Painting Works					0	0	0	0	0	0	0		-

Acrylic paint on interior plastered surfaces.	Sq. m	622	9,330	20%	1866	560	1469	19	47	70	187	4,217
ditto on dry wall vertical and horizontal	Sq. m	8824	132,360	20%	26472	7942	20847	265	662	993	2647	59,827
Acrylic paint on exterior plastered surfaces.	Sq. m	1530	22,950	20%	4590	1377	3615	46	115	172	459	10,373
oil base paint	Sq. m	340	6,800	20%	1360	408	1071	14	34	51	136	3,074
Chapter 03.12 - Decorative Metalwork (Aluminum)					0	0	0	0	0	0	0	-
aluminum window 87x180	unit	2	780	20%	156	47	123	2	4	6	16	353
Aluminum windows 200/200	unit	10	8,400	20%	1680	504	1323	17	42	63	168	3,797
Continuous row of aluminum windows h=0.95	Sq. m	38	7,600	20%	1520	456	1197	15	38	57	152	3,435
Aluminum sliding doors in OR, ICU	unit	1	4,550	20%	910	273	717	9	23	34	91	2,057
Aluminum sliding doors - entrance	unit	1	10,550	20%	2110	633	1662	21	53	79	211	4,769
aluminum winows @ counter 1X1 mr	Units	2	600	20%	120	36	95	1	3	5	12	271
aluminum doors	sq.m	39	23,400	20%	4680	1404	3686	47	117	176	468	10,577
Chapter 01.13 - Facades				20%	0	0	0	0	0	0	0	-
Exterior plaster	Sq. m	282	6,768	20%	1354	406	1066	14	34	51	135	3,059
repair of plaster work in lower floors due to new addition	Sq. m	370	4,440	20%	888	266	699	9	22	33	89	2,007
Chapter 01.15 - Air Conditioning					0	0	0	0	0	0	0	-
Sub Chapter 01.15.01 - EQUIPMENT all equipment includes electrical panel and controls +piping below 6"					0	0	0	0	0	0	0	-
Air handling unit for OR 3000cfm	unit	2	76,000	20%	15200	4560	11970	152	380	570	1520	34,352
Air handling unit for Icu 5000 cfm @ IVF lab	unit	1	34,000	20%	6800	2040	5355	68	170	255	680	15,368
air handling unit 3000 cfm	unit	3	28,500	20%	5700	1710	4489	57	143	214	570	12,882
air handling unit 2500cfm	unit	1	8,000	20%	1600	480	1260	16	40	60	160	3,616
air handling unit 1200 cfm	unit	3	8,700	20%	1740	522	1370	17	44	65	174	3,932
fresh air air handling unit 3000 cfm	unit	9	85,500	20%	17100	5130	13466	171	428	641	1710	38,646
central toilet vent 1200 cfm	unit	14	40,600	20%	8120	2436	6395	81	203	305	812	18,351
split unit 25000 BTU including supply pipe	unit	5	11,000	20%	2200	660	1733	22	55	83	220	4,972
split unit 20000 BTU including supply pipe	unit	62	117,800	20%	23560	7068	18554	236	589	884	2356	53,246
split unit 15000 BTU including supply pipe	unit	37	68,450	20%	13690	4107	10781	137	342	513	1369	30,939
power outlet and cable to split units	unit	104	15,600	20%	3120	936	2457	31	78	117	312	7,051

electrical panel for the above	unit	4	66,000	20%	13200	3960	10395	132	330	495	1320	29,832
drain system from propylan to units 2"	lm	1150	17,250	20%	3450	1035	2717	35	86	129	345	7,797
Sub Chapter 01.15.02 - ELECTRICAL WORK					0	0	0	0	0	0	0	
Control and operation system for chilling units Work include all equipment, software, hardware, operating valves, control motors, sensors, measuring equipment etc.	unit	1	12,000	20%	2400	720	1890	24	60	90	240	5,424
Sub Chapter 01.15.03 - PIPING WORK AND INSULATION					0	0	0	0	0	0	0	
Water pipe from black steel, welded SCH-40 price to include all fittings, elbows etc. (6") nominal size	l.m	120	4,680	20%	936	281	737	9	23	35	94	2,115
Same but for mm' (4")	l.m	320	9,280	20%	1856	557	1462	19	46	70	186	4,195
Same but for mm' (2")	l.m	190	4,560	20%	912	274	718	9	23	34	91	2,061
thermal insulation for 6"	l.m	120	2,340	20%	468	140	369	5	12	18	47	1,058
ditto 4"	l.m	320	5,120	20%	1024	307	806	10	26	38	102	2,314
ditto 2"	l.m	190	2,660	20%	532	160	419	5	13	20	53	1,202
Sub Chapter 01.15.04 - DUCT WORK					0	0	0	0	0	0	0	
Galvanized low velocity air duct work for rectangular ducts, 0.8 mm' wall thickness. All necessary auxillary works includes bends, flexible connection to units etc.	l.m	950	73,150	20%	14630	4389	11521	146	366	549	1463	33,064
Same but 0.9 mm' wall thickness	l.m	220	18,920	20%	3784	1135	2980	38	95	142	378	8,552
Thermal insulation for rectangular air duct from 1" fiberglass as made by "Owen corning" with reinforced aluminum foil vapour barrier	l.m	950	19,000	20%	3800	1140	2993	38	95	143	380	8,588
Acoustic insulation for air ducts from 1" fiberglass + neoprene coat	l.m	700	28,000	20%	5600	1680	4410	56	140	210	560	12,656
Double skin air duct wall thickness 1.25mm' thermal insulation in between made of foamed rubber (Armaflex)	unit	120	7,200	20%	1440	432	1134	14	36	54	144	3,254
Special sealing of air ducts on the roof + with paint	unit	1	69	20%	14	4	11	0	0	1	1	31

Supply wall grill & register from extruded aluminum, anodized or painted in any color include wood frame for wall, up to size of 0.1 sq.m neck area (any type)	sq.m	60	7,200	20%	1440	432	1134	14	36	54	144	3,254
Same but size bigger than 0.1 sq.m neck area	sq.m	12	1,680	20%	336	101	265	3	8	13	34	759
Same but toilet exhaust (grill + register) or return air grill, rectangular or round, up to size of 0.1 sq.m neck area	unit	90	4,320	20%	864	259	680	9	22	32	86	1,953
Same but size bigger than 0.1 sq.m neck area	unit	1	52	20%	10	3	8	0	0	0	1	24
Same but size bigger than 0.1 sq.m area	sq.m	1	216	20%	43	13	34	0	1	2	4	98
Fire damper + fusible link and inspection door - size up to 0.25 sq.m neck area	sq.m	4	58	20%	12	3	9	0	0	0	1	26
Same but size bigger than 0.25 sq.m area	sq.m	1	17	20%	3	1	3	0	0	0	0	8
Same but for size bigger than 0.1 sq.m	sq.m	1	235	20%	47	14	37	0	1	2	5	106
Linear air diffuser, any type and width from extruded aluminum anodized or painted in any color	sq.m	34	2,788	20%	558	167	439	6	14	21	56	1,260
Round Ceiling diffuser with volume damper neck size 150 mm" dia'	sq.m	25	2,050	20%	410	123	323	4	10	15	41	927
Same but 200 mm" dia'	unit	5	410	20%	82	25	65	1	2	3	8	185
Same but 250 mm" dia'	sq.m	5	410	20%	82	25	65	1	2	3	8	185
Same but 300 mm" dia'	unit	5	410	20%	82	25	65	1	2	3	8	185
hepa filter for or	unit	8	14,560	20%	2912	874	2293	29	73	109	291	6,581
hepa filter for icu , recovery	unit	6	4,560	20%	912	274	718	9	23	34	91	2,061
Sub Chapter 01.15.05 - VARIOUS				20%	0	0	0	0	0	0	0	-
Operation testing and balancing of system	unit	1		20%	0	0	0	0	0	0	0	-
dry wall with 10cm metal stud 0.7 mm @ 40cm o/c , 16 mm dry wall board ,sound indulation , 5mm rubber @ bottom runner include joint skimming					0	0	0	0	0	0	0	-
b	sq.m	1310	102,180	20%	20436	6131	16093	204	511	766	2044	46,185
ditto but fire resistant	sq.m	250	24,500	20%	4900	1470	3859	49	123	184	490	11,074

same spec as 01.22.01.001 but board on on side only for out side wall furring , column etc.	sq.m	3400	210,800	20%	42160	12648	33201	422	1054	1581	4216	95,282
Suspended ceiling using 60 x 60 cm tiles as for example Focus E (Gadina)	sq.m	3230	232,560	20%	46512	13954	36628	465	1163	1744	4651	105,117
ditto for clean rooms		124	17,980	20%	3596	1079	2832	36	90	135	360	8,127
Suspended ceiling made from drywall panels, including closers and vertical aprons (measured according to horizontal area).	sq.m	510	35,190	20%	7038	2111	5542	70	176	264	704	15,906
Suspended ceiling using 30-40 cm wide perforated galvanized and oven-painted sheetmetal pans, including insulating batts.	sq.m	570	30,210	20%	6042	1813	4758	60	151	227	604	13,655
shofit at corridors side	lm	400	16,800	20%	3360	1008	2646	34	84	126	336	7,594
revelled ceilings at waiting	sq.m	150	19,500	20%	3900	1170	3071	39	98	146	390	8,814
Chapter 01.30 - Built-in furnishings and equipment				20%	0	0	0	0	0	0	0	-
Lab cabinet-double	l.m	19	22,800	20%	4560	1368	3591	46	114	171	456	10,306
Lab cabinet with washbasin	unit	2	2,800	20%	560	168	441	6	14	21	56	1,266
wood wall covering	sq.m	725	181,250	20%	36250	10875	28547	363	906	1359	3625	81,925
Cabinet in patient bathroom	unit	1	700	20%	140	42	110	1	4	5	14	316
Information counters	l.m	19	32,300	20%	6460	1938	5087	65	162	242	646	14,600
Nurse station counters	l.m	27	51,300	20%	10260	3078	8080	103	257	385	1026	23,188
Kitchen cabinets	l.m	29	40,600	20%	8120	2436	6395	81	203	305	812	18,351
Lockers	unit	16	3,520	20%	704	211	554	7	18	26	70	1,591
Patient curtain holder	unit	40	1,800	20%	360	108	284	4	9	14	36	814
Shower curtain holder	unit	78	3,510	20%	702	211	553	7	18	26	70	1,587
Chapter 01.17 -Elevators				20%	0	0	0	0	0	0	0	-
Total price for an elevator 1000 kg,2 stops,	comp	3	471,000	20%	94200	28260	74183	942	2355	3533	9420	212,892
linen and garbage schoys made of stainless steelwith hermatic doors	comp	4	120,000	20%	24000	7200	18900	240	600	900	2400	54,240
OPD						0		0				
Wooden door - 100/210	unit	2	900	20%	180	54	142	2	5	7	18	407
Wooden door - 120/210	unit	1	990	20%	198	59	156	2	5	7	20	447
Washbasin	unit	4	700	20%	140	42	110	1	4	5	14	316
Ditto, in operating room	unit	1	8,600	20%	1720	516	1355	17	43	65	172	3,887
WC	unit	4	1,440	20%	288	86	227	3	7	11	29	651

galvanized steel pipe sched 40 astm. 1/2" including brackets	lm	96	2,112	20%	422	127	333	4	11	16	42	955
ditto 3/4"	lm	18	414	20%	83	25	65	1	2	3	8	187
ditto 1"	lm	17	403	20%	81	24	63	1	2	3	8	182
ditto 1,1/4"	lm	11	270	20%	54	16	43	1	1	2	5	122
ditto 1,1/2"	lm	6	162	20%	32	10	26	0	1	1	3	73
ditto 2"	lm	48	2,064	20%	413	124	325	4	10	15	41	933
ditto 3"	lm	54	2,862	20%	572	172	451	6	14	21	57	1,294
ditto 4"	lm	30	2,010	20%	402	121	317	4	10	15	40	909
ditto 6"	lm	5	370	20%	74	22	58	1	2	3	7	167
insulation to the pipe diamet. 1/2"	lm	25	189	20%	38	11	30	0	1	1	4	85
Insulation to the pipe diamet. 3/4"	lm	5	38	20%	8	2	6	0	0	0	1	17
Insulation to the pipe diamet. 1"	lm	12	108	20%	22	6	17	0	1	1	2	49
insulation to the pipe diamet.1, 1/4"	lm	4	44	20%	9	3	7	0	0	0	1	20
insulation to the pipe diamet. 1,1/2"	lm	2	31	20%	6	2	5	0	0	0	1	14
insulation to the pipe diamet. 2"	lm	18	342	20%	68	21	54	1	2	3	7	155
insulation to the pipe diamet. 3"	lm	8	223	20%	45	13	35	0	1	2	4	101
ball valave by HABONIM 1/2"	unit	10	418	20%	84	25	66	1	2	3	8	189
ditto 1"	unit	3	317	20%	63	19	50	1	2	2	6	143
ditto 1,1/4"	unit	1	63	20%	13	4	10	0	0	0	1	28
ditto 1,1/2"	unit	2	312	20%	62	19	49	1	2	2	6	141
ditto 2"	unit	1	253	20%	51	15	40	1	1	2	5	114
galvanized records 1/2"	unit	8	54	20%	11	3	9	0	0	0	1	24
ditto 3/4"	unit	3	20	20%	4	1	3	0	0	0	0	9
ditto 1"	unit	3	24	20%	5	1	4	0	0	0	0	11
ditto 1,1/4"	unit	1	9	20%	2	1	1	0	0	0	0	4
ditto 1,1/2"	unit	2	31	20%	6	2	5	0	0	0	1	14
ditto 2"	unit	1	33	20%	7	2	5	0	0	0	1	15
ditto 3"	unit	1	25	20%	5	2	4	0	0	0	1	11
ditto 4"	unit	1	62	20%	12	4	10	0	0	0	1	28
ditto 6"	unit	2	137	20%	27	8	22	0	1	1	3	62
pipng and fittings from prppilan up to 2"	lm	66	1,584	20%	317	95	249	3	8	12	32	716
pipng from steel "nohub" made by "ako" 4"	lm	58	3,201	20%	640	192	504	6	16	24	64	1,447
floor trap 4"/2"	unit	12	372	20%	74	22	59	1	2	3	7	168
cleaning point 4" prppylan	unit	19	722	20%	144	43	114	1	4	5	14	326
bed pan washer	unit	1	2,397	20%	479	144	378	5	12	18	48	1,083
stainless steel counter for bad pan	unit	1	1,438	20%	288	86	226	3	7	11	29	650
slopesink	unit	1	383	20%	77	23	60	1	2	3	8	173

Sub Chapter 01.07.02 - HYDRANTS					0	0	0	0	0	0	0	0	
Internal hydrant mounted in wall recess or above wall, standard equipped completely with: hydrant valve 50 mm, with Stortz-connection, 20 m long hose reel type C2, 1" dia nozzle with 16 mm dispersed Jet, standard PVC protection box, all as required by the Fire Authorities.	unit	1	1,434	20%	287	86	226	3	7	11	29	648	
Chapter 01.08 - Electrical Works					0	0	0	0	0	0	0		
all electrical components will be made by simmens , abb, merlyn gearn, or simlar. Light fixtures by trilux , glamox , ghash or simliar					0	0	0	0	0	0	0		
Cable tray 200 mm wide	l.m	50	600	20%	120	36	95	1	3	5	12	271	
ditto 30x25	l.m	575	4,485	20%	897	269	706	9	22	34	90	2,027	
ditto 15 x15	l.m	115	667	20%	133	40	105	1	3	5	13	301	
ditto 23 mm	l.m	60	264	20%	53	16	42	1	1	2	5	119	
ditto 29 mm	l.m	60	288	20%	58	17	45	1	1	2	6	130	
ditto 38	l.m	100	700	20%	140	42	110	1	4	5	14	316	
Loudspeaker point	comp	4	248	20%	50	15	39	0	1	2	5	112	
Power cable	l.m	470	15,510	20%	3102	931	2443	31	78	116	310	7,011	
light fixture 60x60 w/ 4 flourcent light	unit	42	3,024	20%	605	181	476	6	15	23	60	1,367	
light fixture 30x120 w/ 2 flourcent light	unit	24	1,440	20%	288	86	227	3	7	11	29	651	
computer cable	l.m	200	6,200	20%	1240	372	977	12	31	47	124	2,802	
telephone cable	l.m	200	2,400	20%	480	144	378	5	12	18	48	1,085	
emergency dual lighting	unit	12	1,260	20%	252	76	198	3	6	9	25	570	
Chapter 01.09 - Plastering works					0	0	0	0	0	0	0		
Chapter 01.10 - Flooring and cladding works					0	0	0	0	0	0	0		
Flooring using 30 x 30 cm granite porcelain tiles	Sq. m	240	13,440	20%	2688	806	2117	27	67	101	269	6,075	
10 cm ceramic base	lm	39	858	20%	172	51	135	2	4	6	17	388	
Cladding of the lobbies with 30 x 60 cm granite porcelain tiles	Sq. m	82	4,756	20%	951	285	749	10	24	36	95	2,150	
Cladding of the lavatories with the use of 20 x20 cm granite porcelain tiles.	Sq. m	410	20,500	20%	4100	1230	3229	41	103	154	410	9,266	
Chapter 01.11 - Painting Works					0	0	0	0	0	0	0		

ditto on dry wall vertical and horizontal	Sq. m	570	8,550	20%	1710	513	1347	17	43	64	171	3,865
oil base paint	Sq. m	220	4,400	20%	880	264	693	9	22	33	88	1,989
Aluminum sliding doors in OR, ICU	unit	4	18,200	20%	3640	1092	2867	36	91	137	364	8,226
Chapter 01.15 - Air Conditioning					0	0	0	0	0	0	0	-
Sub Chapter 01.15.01 - EQUIPMENT all equipment includes electrical panel and controls + piping below 6"					0	0	0	0	0	0	0	-
air handling unit 3000 cfm	unit	1	9,500	20%	1900	570	1496	19	48	71	190	4,294
fresh air air handling unit 3000 cfm	unit	1	9,500	20%	1900	570	1496	19	48	71	190	4,294
split unit 15000 BTU including supply pipe	unit	2	3,700	20%	740	222	583	7	19	28	74	1,672
power outlet and cable to split units	unit	4	600	20%	120	36	95	1	3	5	12	271
drain system from propylane to units 2"	lm	50	750	20%	150	45	118	2	4	6	15	339
Sub Chapter 01.15.02 - ELECTRICAL WORK					0	0	0	0	0	0	0	-
Sub Chapter 01.15.03 - PIPING WORK AND INSULATION					0	0	0	0	0	0	0	-
Same but for mm' (6")	l.m	120	4,680	20%	936	281	737	9	23	35	94	2,115
Same but for 150 mm' (6")	l.m	120	2,340	20%	468	140	369	5	12	18	47	1,058
Same but for mm' (4")	l.m	100	1,600	20%	320	96	252	3	8	12	32	723
Same but for mm' (2")	l.m	80		20%	0	0	0	0	0	0	0	-
Sub Chapter 01.15.04 - DUCT WORK					0	0	0	0	0	0	0	-
Galvanized low velocity air duct work for rectangular ducts, 0.8 mm' wall thickness. All necessary auxiliary works includes bends, flexible connection to units etc.	l.m	55	4,235	20%	847	254	667	8	21	32	85	1,914
Thermal insulation for rectangular air duct from 1" fiberglass as made by "Owens Corning" with reinforced aluminum foil vapour barrier	l.m	55	1,100	20%	220	66	173	2	6	8	22	497
Supply wall grill & register from extruded aluminum, anodized or painted in any color include wood frame for wall, up to size of 0.1 sq.m neck area (any type)	unit	4	480	20%	96	29	76	1	2	4	10	217
Same but size bigger than 0.1 sq.m neck area	unit	1	140	20%	28	8	22	0	1	1	3	63
Sub Chapter 01.15.05 - VARIOUS					0	0	0	0	0	0	0	-

5 sets of complete documentation of all systems and equipments, as made drawings, and start up documents.	unit	1	1,200	20%	240	72	189	2	6	9	24	542
Chapter 01.22 - Industrialized building elements					0	0	0	0	0	0	0	-
Sub Chapter 01.22.02 - Suspended ceilings					0	0	0	0	0	0	0	-
dry wall with 10cm metal stud 0.7 mm @ 40cm o/c, 16 mm dry wall board ,sound indulation , 5mm rubber @ bottom runner include joint skiming	sq.m	360	27,360	20%	5472	1642	4309	55	137	205	547	12,367
ditto but water resistance	sq.m			20%	0	0	0	0	0	0	0	-
ditto but fire resistant	sq.m			20%	0	0	0	0	0	0	0	-
same spec as 01.22.01.001 but board on on side only for out side wall furring , column etc.	sq.m	160	9,920	20%	1984	595	1562	20	50	74	198	4,484
Suspended ceiling using 60 x 60 cm tiles as for example Focus E (Gadina)	sq.m	284	20,448	20%	4090	1227	3221	41	102	153	409	9,242
Suspended ceiling made from drywall panels, including closers and vertical aprons (measured according to horizontal area).	sq.m	80	5,520	20%	1104	331	869	11	28	41	110	2,495
Suspended ceiling using 30-40 cm wide perforated galvanized and oven-painted sheetmetal pans, including insulating batts.	sq.m	15	795	20%	159	48	125	2	4	6	16	359
Chapter 01.30 - Built-in furnishings and equipment				20%	0	0	0	0	0	0	0	-
Information counters	l.m	24	40,800	20%	8160	2448	6426	82	204	306	816	18,442
Nurse station counters	l.m	18	34,200	20%	6840	2052	5387	68	171	257	684	15,458
Kitchen cabinets	l.m	16	22,400	20%	4480	1344	3528	45	112	168	448	10,125
Lockers	unit	18	3,960	20%	792	238	624	8	20	30	79	1,790
Patient curtain holder	unit	6	270	20%	54	16	43	1	1	2	5	122
Chapter 01.17 -Elevators				20%	0	0	0	0	0	0	0	-
Total price for an elevator 1000 kg,3 stops,	comp	1	157,000	20%	31400	9420	24728	314	785	1178	3140	70,964
INTERNAL						0		0				
						0		0				

Sub Chapter 01.06.01 - Fire and smoke doors . By Sharabani brothers israel or sim. Based on Israeli fire code (astm)						0			0				
F.D.1 - Fire door 80/210.	unit	5	4,780	20%	956	287	753	10	24	36	96	2,161	
F.D.7 - Double leaf fire door - 160/210	unit	3	6,840	20%	1368	410	1077	14	34	51	137	3,092	
F.D.8 - Double leaf fire door - 190/210	unit	4	9,960	20%	1992	598	1569	20	50	75	199	4,502	
electrical panel closer by Sharabani	sq.m	30	30,000	5%	1500	1575	4134	60	150	225	600	8,244	
Sub Chapter 01.06.02 - Steel works					0	0	0	0	0	0	0	-	
Fire hydrant steel - cabinet	unit	8	2,160	10%	216	119	312	4	11	16	43	721	
Hand rail	l.m	0			0	0	0	0	0	0	0	-	
Typical mechanical shafts enclosure	sq.m	19	5,909	10%	591	325	853	12	30	44	118	1,973	
Wooden door - 100/210	unit	6	2,700	20%	540	162	425	5	14	20	54	1,220	
Wooden door - 120/210	unit	26	13,260	20%	2652	796	2088	27	66	99	265	5,994	
Wooden door - 90/210	unit	29	12,470	20%	2494	748	1964	25	62	94	249	5,636	
Double leaf wooden door -130/210	unit	2	1,800	20%	360	108	284	4	9	14	36	814	
Double leaf wooden door -200/210	unit	3	3,300	20%	660	198	520	7	17	25	66	1,492	
Chapter 01.07					0	0	0	0	0	0	0	-	
Sub Chapter 01.07.01 - SANITARY INSTALLATION SYSTEMS including hot cold drainage and sewage fixtures are made by harsa israel					0	0	0	0	0	0	0	-	
Washbasin	unit	34	5,950	20%	1190	357	937	12	30	45	119	2,689	
WC	unit	34	12,240	20%	2448	734	1928	24	61	92	245	5,532	
Shower cubical	unit	26	4,030	20%	806	242	635	8	20	30	81	1,822	
galvenized steel pipe sched 40 astm. 1/2" including brackets	lm	1100	24,200	20%	4840	1452	3812	48	121	182	484	10,938	
ditto 3/4"	lm	400	9,200	20%	1840	552	1449	18	46	69	184	4,158	
ditto 1"	lm	300	7,200	20%	1440	432	1134	14	36	54	144	3,254	
ditto 1,1/4"	lm	200	5,000	20%	1000	300	788	10	25	38	100	2,260	
ditto 1,1/2"	lm	135	3,645	20%	729	219	574	7	18	27	73	1,648	
ditto 2"	lm	1100	47,300	20%	9460	2838	7450	95	237	355	946	21,380	
ditto 3"	lm	900	47,700	20%	9540	2862	7513	95	239	358	954	21,560	
ditto 4"	lm	700	46,900	20%	9380	2814	7387	94	235	352	938	21,199	
ditto 6"	lm	200	15,400	20%	3080	924	2426	31	77	116	308	6,961	
insulation to the pipe diamet. 1/2"	lm	560	4,200	20%	840	252	662	8	21	32	84	1,898	
insulation to the pipe diamet. 3/4"	lm	120	960	20%	192	58	151	2	5	7	19	434	
insulation to the pipe diamet. 1"	lm	220	1,980	20%	396	119	312	4	10	15	40	895	
insulation to the pipe diamet.1, 1/4"	lm	100	1,050	20%	210	63	165	2	5	8	21	475	
insulation to the pipe diamet. 1,1/2"	lm	50	650	20%	130	39	102	1	3	5	13	294	
insulation to the pipe diamet. 2"	lm	400	7,600	20%	1520	456	1197	15	38	57	152	3,435	

insulation to the pipe diamet. 3"	lm	150	3,975	20%	795	239	626	8	20	30	80	1,797
ball valave by HABONIM 1/2"	unit	170	7,395	20%	1479	444	1165	15	37	55	148	3,343
ditto 3/4"	unit	51	3,366	20%	673	202	530	7	17	25	67	1,521
ditto 1"	unit	66	6,336	20%	1267	380	998	13	32	48	127	2,864
ditto 1,1/4"	unit	12	1,260	20%	252	76	198	3	6	9	25	570
ditto 1,1/2"	unit	30	5,040	20%	1008	302	794	10	25	38	101	2,278
ditto 2"	unit	20	5,280	20%	1056	317	832	11	26	40	106	2,387
galvanized records 1/2"	unit	180	1,260	20%	252	76	198	3	6	9	25	570
ditto 3/4"	unit	42	336	20%	67	20	53	1	2	3	7	152
ditto 1"	unit	42	378	20%	76	23	60	1	2	3	8	171
ditto 1,1/4"	unit	19	228	20%	46	14	36	0	1	2	5	103
ditto 1,1/2"	unit	32	512	20%	102	31	81	1	3	4	10	231
ditto 2"	unit	23	529	20%	106	32	83	1	3	4	11	239
ditto 3"	unit	6	252	20%	50	15	40	1	1	2	5	114
ditto 4"	unit	4	248	20%	50	15	39	0	1	2	5	112
ditto 6"	unit	25	2,275	20%	455	137	358	5	11	17	46	1,028
pipng and fittings from prppilan up to 2"	lm	1300	31,200	20%	6240	1872	4914	62	156	234	624	14,102
pipng from steel "nohub" made by "ako" 4"	lm	1000	55,000	20%	11000	3300	8663	110	275	413	1100	24,860
ditto 6"	lm	140	9,800	20%	1960	588	1544	20	49	74	196	4,430
floor trap 4"/2"	unit	55	1,705	20%	341	102	269	3	9	13	34	771
cleaning point 4" prppylan	unit	40	1,520	20%	304	91	239	3	8	11	30	687
wall mount mixing valve with crom handel	unit	34	6,528	20%	1306	392	1028	13	33	49	131	2,951
ditto for facit	unit	34	3,570	20%	714	214	562	7	18	27	71	1,614
ditto for shower	unit	34	6,358	20%	1272	381	1001	13	32	48	127	2,874
toilet washer	unit	26	4,420	20%	884	265	696	9	22	33	88	1,998
bed pan washer	unit	2	4,794	20%	959	288	755	10	24	36	96	2,167
stainless steel counter for bad pan	unit	2	2,876	20%	575	173	453	6	14	22	58	1,300
slopesink	unit	2	766	20%	153	46	121	2	4	6	15	346
Sub Chapter 01.07.02 - HYDRANTS					0	0	0	0	0	0	0	-
Sub Chapter 01.07.03 medical gas					0	0	0	0	0	0	0	-
cooper pipe 3/8"	l.m	580	29,000	20%	5800	1740	4568	58	145	218	580	13,108
ditto 1/2"	l.m	580	31,900	20%	6380	1914	5024	64	160	239	638	14,419
ditto 3/4"	l.m	320	22,400	20%	4480	1344	3528	45	112	168	448	10,125
valve for above	unit	42	4,032	10%	403	222	582	8	20	30	81	1,346
alarm system @ nurse station	unit	5	11,980	10%	1198	659	1730	24	60	90	240	4,000
oxygen outlet	unit	61	5,246	10%	525	289	757	10	26	39	105	1,752
vacum outlet	unit	61	5,246	10%	525	289	757	10	26	39	105	1,752

air outlet	unit	61	5,246	10%	525	289	757	10	26	39	105	1,752
vertical head walls for icu and recovery by zilberman . Triangle (algor -langer)	unit	6	87,000	10%	8700	4785	12561	174	435	653	1740	29,047
oxygen exchange by zilberman israel , biocombe israel	unit	1	19,200	10%	1920	1056	2772	38	96	144	384	6,410
vacum exchange manuf. By zilberman	unit	1	16,300	10%	1630	897	2353	33	82	122	326	5,442
Chapter 01.08 - Electrical Works					0	0	0	0	0	0	0	-
all electrical components will be made by simmens , abb, merlyn gearn, or similar. Light fixtures by trilux , glamox , ghash or simliar					0	0	0	0	0	0	0	-
electrical panel per floor	unit	2	154,000	5%	7700	8085	21223	308	770	1155	3080	42,321
main electrical panel	unit	1	101,000	5%	5050	5303	13919	202	505	758	2020	27,756
ditto for icu	unit	1	8,000	20%	1600	480	1260	16	40	60	160	3,616
isolator transformer for icu	unit	6	16,200	20%	3240	972	2552	32	81	122	324	7,322
Cable tray 400 mm wide	l.m	715	10,725	20%	2145	644	1689	21	54	80	215	4,848
Cable tray 300 mm wide	l.m	550	7,425	20%	1485	446	1169	15	37	56	149	3,356
Cable tray 200 mm wide	l.m	550	6,600	20%	1320	396	1040	13	33	50	132	2,983
Cable tray 100 mm wide	l.m	165	1,568	20%	314	94	247	3	8	12	31	709
cable conduit pvc self fire pr. 16 mm	l.m	2475	9,405	20%	1881	564	1481	19	47	71	188	4,251
ditto 23 mm	l.m	1155	5,082	20%	1016	305	800	10	25	38	102	2,297
ditto 29 mm	l.m	605	2,662	20%	532	160	419	5	13	20	53	1,203
ditto 38	l.m	165	1,155	20%	231	69	182	2	6	9	23	522
Power cable	l.m	6600	217,800	20%	43560	13068	34304	436	1089	1634	4356	98,446
flor control fire alarm exchange	unit	1	15,000	20%	3000	900	2363	30	75	113	300	6,780
nurse call station exchange	unit	2	44,000	20%	8800	2640	6930	88	220	330	880	19,888
Loudspeaker point	comp	20	1,240	20%	248	74	195	2	6	9	25	560
Warning lamp point	comp	4	104	20%	21	6	16	0	1	1	2	47
Door release electro magnets point	comp	4	114	20%	23	7	18	0	1	1	2	52
light fixture 60x60 w/ 4 flourcent light	unit	462	33,264	20%	6653	1996	5239	67	166	249	665	15,035
light fixture 30x120 w/ 2 flourcent lght	unit	45	2,706	20%	541	162	426	5	14	20	54	1,223
light fixture round w/pl flourcent light	unit	20	891	20%	178	53	140	2	4	7	18	403
light fixture round w/pl flourcent light with dimming	unit	3	759	20%	152	46	120	2	4	6	15	343
light fixture night light @ corridor and patient	unit	88	7,304	20%	1461	438	1150	15	37	55	146	3,301
light fixture reading light	unit	57	3,059	20%	612	184	482	6	15	23	61	1,383

computer floor hub	unit	2	56,000	20%	11200	3360	8820	112	280	420	1120	25,312
computer cable	l.m	4200	130,200	20%	26040	7812	20507	260	651	977	2604	58,850
telephone cable	l.m	803	9,636	20%	1927	578	1518	19	48	72	193	4,355
nurse call cable	l.m	2000	42,000	20%	8400	2520	6615	84	210	315	840	18,984
decorative light fixture	unit	12	2,965	20%	593	178	467	6	15	22	59	1,340
light fixture 15x60 w/flourcent light sealed for toilets	unit	14	1,230	20%	246	74	194	2	6	9	25	556
night light for patient rooms patient corridors etc.	unit	61	5,067	20%	1013	304	798	10	25	38	101	2,290
light fixture reading light	unit	61	2,135	20%	427	128	336	4	11	16	43	965
PA adress system	unit	1	12,100	20%	2420	726	1906	24	61	91	242	5,469
switch gear fire extinguish gas system	unit	2	9,570	20%	1914	574	1507	19	48	72	191	4,326
an emergency dual purpose lighting fixture	unit	121	12,705	20%	2541	762	2001	25	64	95	254	5,743
access conrol with wiring		8	3,600	20%	720	216	567	7	18	27	72	1,627
Chapter 01.09 - Plastering works					0	0	0	0	0	0	0	-
Interior plastering of stairwells including reinforcing of all corners with galvanized mesh angles.	Sq. m	82	1,476	20%	295	89	232	3	7	11	30	667
Chapter 01.10 - Flooring and cladding works					0	0	0	0	0	0	0	-
Flooring using 30 x 30 cm granlte porcelain tiles	Sq. m	2,300	128,800	20%	25760	7728	20286	258	644	966	2576	58,218
10 cm ceramic base	lm	420	9,240	20%	1848	554	1455	18	46	69	185	4,176
Flooring of the lavatories wth20 x20 cm R-11 (anti-slip) granite porcelain tiles.	Sq. m	150	7,800	20%	1560	468	1229	16	39	59	156	3,526
Cladding of the lobbies with 30 x 60 cm granite porcelain tiles	Sq. m	940	50,760	20%	10152	3046	7995	102	254	381	1015	22,944
Cladding of the lavatories with the use of 20 x20 cm granite porcelain tiles.	Sq. m	967	48,350	20%	9670	2901	7615	97	242	363	967	21,854
toilet paper dispenser.	Units	34	1,292	20%	258	78	203	3	6	10	26	584
Towel bar	Units	54	3,132	20%	626	188	493	6	16	23	63	1,416
Paper towel dispenser	Units	95	8,170	20%	1634	490	1287	16	41	61	163	3,693
Stainless steel soap dispenser,.	Units	26	1,040	20%	208	62	164	2	5	8	21	470
Dispenser + brush. Bobreick 805365	Units	34	1,360	20%	272	82	214	3	7	10	27	615
hand support w soap holder by Bobrick B-5845	Units	26	4,680	20%	936	281	737	9	23	35	94	2,115
towel hanger	Units	34	714	20%	143	43	112	1	4	5	14	323

mirror by Bonrick type B165-2430 60X80 cm	Units	34	7,480	20%	1496	449	1178	15	37	56	150	3,381
protecting corner guards from stainless steel 2 m ht.	Units	88	4,400	20%	880	264	693	9	22	33	88	1,989
protection wall guard IPC 1. 1/8" type high wall guard insralled above sintaflex	lm	460	35,420	20%	7084	2125	5579	71	177	266	708	16,010
Chapter 01.11 - Painting Works					0	0	0	0	0	0	0	-
Acrylic paint on interior plastered surfaces.	Sq. m	80	1,200	20%	240	72	189	2	6	9	24	542
ditto on dry wall vertical and horizontal	Sq. m	2,960	44,400	20%	8880	2664	6993	89	222	333	888	20,069
Acrylic paint on exterior plastered surfaces.	Sq. m	870	18,270	20%	3654	1096	2878	37	91	137	365	8,258
oil base paint	Sq. m	52	1,040	20%	208	62	164	2	5	8	21	470
Chapter 03.12 - Decorative Metalwork (Aluminum)				20%	0	0	0	0	0	0	0	-
Aluminum windows 95/100	unit	8	1,680	20%	336	101	265	3	8	13	34	759
Aluminum sliding doors - entrance	unit	5	52,750	20%	10550	3165	8308	106	264	396	1055	23,843
aluminum doors	sq.m	13	7,800	20%	1560	468	1229	16	39	59	156	3,526
Chapter 01.13 - Facades				20%	0	0	0	0	0	0	0	-
Exterior plaster	Sq. m	137	3,288	20%	658	197	518	7	16	25	66	1,486
Chapter 01.15 - Air Conditioning				20%	0	0	0	0	0	0	0	-
Sub Chapter 01.15.01 - EQUIPMENT all equipment includes electrical panel and controls +piping below 6"					0	0	0	0	0	0	0	-
Air handling unit for Icu 3000cfm @ cytotoxic pharmacy, isolation	unit	5	170,000	20%	34000	10200	26775	340	850	1275	3400	76,840
fresh air air handling unit 3000 cfm	unit	3	28,500	20%	5700	1710	4489	57	143	214	570	12,882
split unit 25000 BTU including supply pipe	unit	4	8,800	20%	1760	528	1386	18	44	66	176	3,978
split unit 20000 BTU including supply pipe	unit	24	45,600	20%	9120	2736	7182	91	228	342	912	20,611
split unit 15000 BTU including supply pipe	unit	35	64,750	20%	12950	3885	10198	130	324	486	1295	29,267
split unit 10000 BTU including supply pipe	unit	6	9,780	20%	1956	587	1540	20	49	73	196	4,421
power outlet and cable to split units	unit	39	5,850	20%	1170	351	921	12	29	44	117	2,644
electrical panel for the above	unit	1	16,500	20%	3300	990	2599	33	83	124	330	7,458
drain system from propylan to units 2"	lm	690	10,350	20%	2070	621	1630	21	52	78	207	4,678

Sub Chapter 01.15.04 - DUCT WORK					0	0	0	0	0	0	0	-
Galvanized low velocity air duct work for rectangular ducts, 0.8 mm' wall thickness. All necessary auxiliary works includes bends, flexible connection to unltis etc.	l.m	320	24,640	10%	2464	1355	3557	49	123	185	493	8,227
Same but 0.9 mm' wall thickness	l.m	6	860	10%	86	47	124	2	4	6	17	287
Thermal insulation for rectangular air duct from 1" fiberglass as made by "Owen corning" with reinforced aluminum foil vapour barrier	l.m	320	5,600	10%	560	308	809	11	28	42	112	1,870
Supply wall grill & register from extruded aluminum, anodized or painted in any color include wood frame for wall, up to size of 0.1 sq.m neck area (any type)	unit	12	2,640	10%	264	145	381	5	13	20	53	881
Same but toilet exhaust (grill + register) or return air grill, rectangular or round, up to size of 0.1 sq.m neck area	unit	33	2,880	10%	288	158	416	6	14	22	58	962
Operation testing and balancing of system	unit	1	22,000	10%	2200	1210	3176	44	110	165	440	7,345
5 sets of complete documentatlon of all systems and equipments, as made drawings, and start up documents.	unit	1	1,200	10%	120	66	173	2	6	9	24	401
Chapter 01.22 - Industrialized building elements					0	0	0	0	0	0	0	
Sub Chapter 01.22.02 - Suspended ceilings					0	0	0	0	0	0	0	
dry wall with 10cm metal stud 0.7 mm @ 40cm o/c , 16 mm dry wall board ,sound Indulation , 5mm rubber @ bottom runner Include joint skimming	sq.m	1897	144,195	20%	28839	8652	22711	288	721	1081	2884	65,176
ditto but water resistance	sq.m	520	40,560	20%	8112	2434	6388	81	203	304	811	18,333
ditto but fire resistant	sq.m	423	41,487	20%	8297	2489	6534	83	207	311	830	18,752
same spec as 01.22.01.001 but board on on side only for out side wall furring , column etc.	sq.m	1773	109,926	20%	21985	6596	17313	220	550	824	2199	49,687
Suspended ceiling using 60 x 60 cm tiles as for example Focus E (Gadina)	sq.m	1560	112,320	20%	22464	6739	17690	225	562	842	2246	50,769

Suspended ceiling made from drywall panels, including closers and vertical aprons (measured according to horizontal area).	sq.m	80	5,520	20%	1104	331	869	11	28	41	110	2,495
Suspended ceiling using 30-40 cm wide perforated galvanized and oven-painted sheetmetal pans, including insulating batts.	sq.m	520	27,560	20%	5512	1654	4341	55	138	207	551	12,457
wood wall covering	sq.m	235	58,750	20%	11750	3525	9253	118	294	441	1175	26,555
shofit at corridors side	lm	310	13,020	20%	2604	781	2051	26	65	98	260	5,885
Sub Chapter 01.22.03 - Miscellaneous					0	0	0	0	0	0	0	-
Building signange inside and outside for 5th floor and changes in main directory for level 2 & 5	comp	1	15,000	20%	3000	900	2363	30	75	113	300	6,780
Chapter 01.30 - Built-in furnishings and equipment					0	0	0	0	0	0	0	-
Lab cabinet-double @ cytotoxic pharmacy oncology	l.m	8	9,600	20%	1920	576	1512	19	48	72	192	4,339
Lab cabinet with washbasin	unit	2	2,800	20%	560	168	441	6	14	21	56	1,266
Cabinet in patient room glass counter @ patient room see building 2	unit	32		20%	0	0	0	0	0	0	0	-
Information counters	l.m	25	42,500	20%	8500	2550	6694	85	213	319	850	19,210
Nurse station counters	l.m	31	58,900	20%	11780	3534	9277	118	295	442	1178	26,623
Kitchen cabinets	l.m	48	67,200	20%	13440	4032	10584	134	336	504	1344	30,374
Lockers	unit	18	3,960	20%	792	238	624	8	20	30	79	1,790
Patient curtain holder	unit	103	4,635	20%	927	278	730	9	23	35	93	2,095
Shower curtain holder	unit	26	1,170	20%	234	70	184	2	6	9	23	529
Chapter 01.17 -Elevators				20%	0	0	0	0	0	0	0	-
linen and garbage schoys made of stainless steelwith hermatic doors	comp	4	60,000	20%	12000	3600	9450	120	300	450	1200	27,120
						0		0				
LOGISTICS						0		0				
Sub Chapter 01.06.01 - Fire and smoke doors . By Sharabani brothers israel or sim. Based on Israeli fire code (astm)						0		0				
Wooden door - 100/210	unit	2	900	20%	180	54	142	2	5	7	18	407
Double leaf wooden door -130/210	unit	3	1,530	20%	306	92	241	3	8	11	31	692
Double leaf wooden door -200/210	unit	2	220	20%	44	13	35	0	1	2	4	99
Chapter 01.07					0	0	0	0	0	0	0	-

Sub Chapter 01.07.01 - SANITARY INSTALLATION SYSTEMS including hot cold drainage and sewage fixtures are made by harsa israel					0	0	0	0	0	0	0	0	
Washbasin	unit	1	175	20%	35	11	28	0	1	1	4	79	
Chapter 01.08 - Electrical Works all electrical components will be made by simmens , abb, merlyn gearn, or simlar. Light fixtures by trilux , glamox , ghash or simliar					0	0	0	0	0	0	0	0	
light fixture 60x60 w/ 4 flourcent light	unit	34	1,088	20%	218	65	171	2	5	8	22	492	
Chapter 01.09 - Plastering works Flooring using 30 x 30 cm granite porcelain tiles, including 10 cm high wall base as per the tile material.	Sq. m	144	8,064	20%	1613	484	1270	16	40	60	161	3,645	
Cladding of the lavatories with the use of 20 x20 cm granite porcelain tiles.	Sq. m	120	6,000	20%	1200	360	945	12	30	45	120	2,712	
Chapter 01.11 - Painting Works ditto on dry wall vertical and horizontal	Sq. m	330	4,950	20%	990	297	780	10	25	37	99	2,237	
Chapter 01.15 - Air Conditioning Sub Chapter 01.15.01 - EQUIPMENT all equipment includes electrical panel and controls +piping below 6"					0	0	0	0	0	0	0	0	
spilt unit 10000 BTU including supply pipe	unit	2	3,260	20%	652	196	513	7	16	24	65	1,474	
power outlet and cable to split units	unit	2	300	20%	60	18	47	1	2	2	6	136	
8" vents	unit	3	2,010	20%	402	121	317	4	10	15	40	909	
Chapter 01.22 - Industrialized building elements					0	0	0	0	0	0	0	0	
Sub Chapter 01.22.02 - Suspended ceilings					0	0	0	0	0	0	0	0	
dry wall with 10cm metal stud 0.7 mm @ 40cm o/c , 16 mm dry wall board ,sound indulation , 5mm rubber @ bottom runner include joint skimming					0	0	0	0	0	0	0	0	

dry wall with 10cm metal stud 0.7 mm @ 40cm o/c , 16 mm dry wall board ,sound indulation , 5mm rubber @ bottom runner include joint skimming	sq.m	148	11,248	20%	2250	675	1772	22	56	84	225	5,084
Suspended ceiling using 60 x 60 cm tiles as for example Focus E (Gadina)	sq.m	275	19,800	20%	3960	1188	3119	40	99	149	396	8,950
Chapter 01.30 - Built-in furnishings and equipment					0	0	0	0	0	0	0	-
Kitchen cabinets	l.m	10.5	14,700	10%	1470	809	2122	29	74	110	294	4,908
					0			0				
MEDICAL EQUIPMENT						0		0				
Emergency Room pediatrics and gynecology						0		0				
stretchers W/ X-RAY CAPABILITIES	pcs	9	21,600	5%	1080	1134	2977	43	108	162	432	5,936
gynecology exam bed	pcs	1	3,200	5%	160	168	441	6	16	24	64	879
emergency trolley for resuscitation with de	pcs	2	9,000	5%	450	473	1240	18	45	68	180	2,473
small mobile surgical light	pcs	2	12,000	5%	600	630	1654	24	60	90	240	3,298
iv pole	pcs	8	2,000	5%	100	105	276	4	10	15	40	550
Operation theaters & day care recovery and admission building 2 & 3					0	0	0	0	0	0	0	-
stretchers	pcs	28	51,100	5%	2555	2683	7042	102	256	383	1022	14,043
operating table gynecology translucent	pcs	2	74,000	5%	3700	3885	10198	148	370	555	1480	20,336
surgical set for orthopedic gyn,urology ,ent	pcs	15	150,000	5%	7500	7875	20672	300	750	1125	3000	41,222
microscope for neurovascular procedures	pcs	1	180,000	5%	9000	9450	24806	360	900	1350	3600	49,466
blood warmer	pcs	2	8,000	5%	400	420	1103	16	40	60	160	2,199
blanket warmer	pcs	2	10,000	5%	500	525	1378	20	50	75	200	2,748
anesthesia machine	pcs	2	90,000	5%	4500	4725	12403	180	450	675	1800	24,733
emergency trolley for resuscitation with de	pcs	2	9,000	5%	450	473	1240	18	45	68	180	2,473
diathermy	pcs	2	24,000	5%	1200	1260	3308	48	120	180	480	6,596
o.r light (ceiling mount)	pcs	2	118,000	5%	5900	6195	16262	236	590	885	2360	32,428
2 sets of supply columns ceiling mount per	pcs	2	76,000	5%	3800	3990	10474	152	380	570	1520	20,886
flash sterilizer	pcs	2	34,000	5%	1700	1785	4686	68	170	255	680	9,344
infusion pump	pcs	4	15,600	5%	780	819	2150	31	78	117	312	4,287
ventilation machine	pcs	1	45,000	5%	2250	2363	6202	90	225	338	900	12,367
or monitors	pcs	2	20,000	5%	1000	1050	2756	40	100	150	400	5,496
computer monitor connected to pachs	pcs	14	16,800	5%	840	882	2315	34	84	126	336	4,617
computers for OR with stainless steel hangl	pcs	14	6,300	5%	315	331	868	13	32	47	126	1,731
stone management for urology	pcs	1	60,000	5%	3000	3150	8269	120	300	450	1200	16,489
harmonic ace machine for endoscop operat	pcs	1	31,000	5%	1550	1628	4272	62	155	233	620	8,519
upgrade of exisiting microscope for ophtar	pcs	1	45,200	5%	2260	2373	6229	90	226	339	904	12,422

neurosurgery & stroke unit intensive care unit and department at building 5 level 14:20					0	0	0	0	0	0	0	0
icu bed	pcs	6	24,000	5%	1200	1260	3308	48	120	180	480	6,596
emergency trolley for resuscitation with de	pcs	2	9,000	5%	450	473	1240	18	45	68	180	2,473
infusion pump	pcs	10	39,000	5%	1950	2048	5375	78	195	293	780	10,718
syringe pump	pcs	6	23,400	5%	1170	1229	3225	47	117	176	468	6,431
iv pole	pcs	25	6,250	5%	313	328	861	13	31	47	125	1,718
slave and doc @ nurse station	pcs	1	26,000	5%	1300	1365	3583	52	130	195	520	7,145
beds w/bed side cabinets	pcs	22	8,000	5%	400	420	1103	16	40	60	160	2,199
stretchers	pcs	3	48,400	5%	2420	2541	6670	97	242	363	968	13,301
wheel chair	pcs	4	5,475	5%	274	287	755	11	27	41	110	1,505
EEG equipment for 24hrs exams and monitoring recording equipment and control system	pcs	1	1,920	5%	96	101	265	4	10	14	38	528
Labor , delivery private maternity and IVF clinic					0	0	0	0	0	0	0	-
major equipment					0	0	0	0	0	0	0	-
obstetrical delivery table	pcs	4	24,000	5%	1200	0	0	48	120	180	480	2,028
set of C-section	pcs	2	20,000	5%	1000	0	0	40	100	150	400	1,690
gynecology exam table	pcs	3	9,000	5%	450	0	0	18	45	68	180	761
basinets	pcs	20	18,000	5%	900	0	0	36	90	135	360	1,521
stretchers	pcs	10	18,250	5%	913	0	0	37	91	137	365	1,542
fetal monitor	pcs	6	54,000	5%	2700	0	0	108	270	405	1080	4,563
iv pole	pcs	10	2,500	5%	125	0	0	5	13	19	50	211
Infusion pump	pcs	2	7,800	5%	390	0	0	16	39	59	156	659
emergency fetal resuscitation	pcs	2	7,000	5%	350	0	0	14	35	53	140	592
maternal suction	pcs	2	5,800	5%	290	0	0	12	29	44	116	490
portable surgical lamp	pcs	2	18,000	5%	900	0	0	36	90	135	360	1,521
vacuum aspiration for baby	pcs	1	19,000	5%	950	0	0	38	95	143	380	1,606
bed warmer-light phototherapy	pcs	1	12,000	5%	600	0	0	24	60	90	240	1,014
private floor @ building 2 level 7.20					0	0	0	0	0	0	0	-
beds w bed side cabinets	pcs	66	145,200	5%	7260	0	0	290	726	1089	2904	12,269
iv poles	pcs	8	2,000	5%	100	0	0	4	10	15	40	169
infusion pumps	pcs	10	39,000	5%	1950	0	0	78	195	293	780	3,296
emergency trolley for resuscitation	pcs	2	9,000	5%	450	0	0	18	45	68	180	761
stand alone monitors with multi parameter	pcs	8	32,000	5%	1600	0	0	64	160	240	640	2,704
wheel chair	pcs	12	5,760	5%	288	0	0	12	29	43	115	487
patient scale	pcs	2	600	5%	30	0	0	1	3	5	12	51
movable toilet chairs	pcs	8	1,600	5%	80	0	0	3	8	12	32	135
exam beds	pcs	8	5,600	5%	280	0	0	11	28	42	112	473

pediatric surgery ward 48 bed building 2	pcs				0	0	0	0	0	0	0	0	-
major equipment	pcs				0	0	0	0	0	0	0	0	-
beds w bed side cabinets	pcs	32	70,400	5%	3520	0	0	141	352	528	1408		5,949
infant bed	pcs	12	19,200	5%	960	0	0	38	96	144	384		1,622
iv poles	pcs	8	2,000	5%	100	0	0	4	10	15	40		169
infusion pumps	pcs	4	15,600	5%	780	0	0	31	78	117	312		1,318
emergency trolley for resuscitation	pcs	2	9,000	5%	450	0	0	18	45	68	180		761
stand alone monitors with multi parameter	pcs	2	8,000	5%	400	0	0	16	40	60	160		676
wheel chair	pcs	4	1,920	5%	96	0	0	4	10	14	38		162
treatment stretcher	pcs	1	1,825	5%	91	0	0	4	9	14	37		154
patient scale	pcs	1	300	5%	15	0	0	1	2	2	6		25
movable toilet chairs	pcs	4	800	5%	40	0	0	2	4	6	16		68
1 internal diabetics wards 46 beds building 1	pcs				0	0	0	0	0	0	0	0	-
beds w bed side cabinets	pcs	46	101,200	5%	5060	0	0	202	506	759	2024		8,551
iv poles	pcs	8	2,000	5%	100	0	0	4	10	15	40		169
infusion pumps	pcs	4	15,600	5%	780	0	0	31	78	117	312		1,318
emergency trolley for resuscitation	pcs	2	9,000	5%	450	0	0	18	45	68	180		761
stand alone monitors with multi parameter	pcs	2	8,000	5%	400	0	0	16	40	60	160		676
wheel chair	pcs	4	1,920	5%	96	0	0	4	10	14	38		162
treatment stretcher	pcs	1	1,825	5%	91	0	0	4	9	14	37		154
patient scale	pcs	1	300	5%	15	0	0	1	2	2	6		25
movable toilet chairs	pcs	4	800	5%	40	0	0	2	4	6	16		68
1 oncology bed wards 31 patients building 5 level 14.20 pharmacy and lab equipment in pharmacy and lab sections					0	0	0	0	0	0	0	0	-
recliners similar to hemodialysis chair	pcs	9	21,330	5%	1067	0	0	43	107	160	427		1,802
beds w bed side cabinets	pcs	21	46,200	5%	2310	0	0	92	231	347	924		3,904
iv poles	pcs	8	3,840	5%	192	0	0	8	19	29	77		324
infusion pumps	pcs	16	62,400	5%	3120	0	0	125	312	468	1248		5,273
emergency trolley for resuscitation	pcs	2	9,000	5%	450	0	0	18	45	68	180		761
stand alone monitors with multi parameter	pcs	2	8,000	5%	400	0	0	16	40	60	160		676
wheel chair	pcs	4	1,920	5%	96	0	0	4	10	14	38		162
treatment stretcher	pcs	1	1,825	5%	91	0	0	4	9	14	37		154
patient scale	pcs	1	300	5%	15	0	0	1	2	2	6		25
movable toilet chairs	pcs	6	1,200	5%	60	0	0	2	6	9	24		101
imaging	pcs				0	0	0	0	0	0	0	0	-
major equipment	pcs				0	0	0	0	0	0	0	0	-
MRI 1.5 tessle	pcs	1	1,900,000	5%	95000	0	0	3800	9500	14250	38000		160,550
angiography	pcs	1	590,000	5%	29500	0	0	1180	2950	4425	11800		49,855

gynecology-ultrasound trans vaginal & abd	pcs	1	60,000	5%	3000	0	0	120	300	450	1200	5,070
simulation enter,	pcs				0	0	0	0	0	0	0	-
training center equipment	pcs				0	0	0	0	0	0	0	-
anesthesia machine	pcs	1	45,000	5%	2250	0	0	90	225	338	900	3,803
patient monitors	pcs	2	8,000	5%	400	0	0	16	40	60	160	676
stretchers	pcs	2	3,650	5%	183	0	0	7	18	27	73	308
Clinics- including day surgery, cardiology, gastro, dialysis/pediatrics etc.					0	0	0	0	0	0	0	-
major equipment					0	0	0	0	0	0	0	-
ENT microscope for patient examination	pcs	1	80,000	5%	4000	0	0	160	400	600	1600	6,760
electro surgical unit for detmathology	pcs	1	12,500	5%	625	0	0	25	63	94	250	1,056
cyrosurgical unit	pcs	1	16,200	5%	810	0	0	32	81	122	324	1,369
exam beds @ new pediatric and gynecology	pcs	8	5,600	5%	280	0	0	11	28	42	112	473
dentistry consul+ X-ray dental unit	pcs	2	50,000	5%	2500	0	0	100	250	375	1000	4,225
panoramic x-ray	pcs	1	21,000	5%	1050	0	0	42	105	158	420	1,775
dental lab	pcs	1	18,000	5%	900	0	0	36	90	135	360	1,521
apron shield	pcs	1	480	5%	24	0	0	1	2	4	10	41
urology endoscopic tower	pcs	1	220,000	5%	11000	0	0	440	1100	1650	4400	18,590
stretchers	pcs	5	9,125	5%	456	0	0	18	46	68	183	771
emergency trolley for resuscitation	pcs	2	36,700	5%	1835	0	0	73	184	275	734	3,101
humphrey visual field analyser	pcs	1	95,000	5%	4750	0	0	190	475	713	1900	8,028
special domain OCT machine	pcs	1	51,240	5%	2562	0	0	102	256	384	1025	4,330
IOL master	pcs	1	95,000	5%	4750	0	0	190	475	713	1900	8,028
Fundus camera with Angiograph capability	pcs	1	32,000	5%	1600	0	0	64	160	240	640	2,704
physiotherapy	pcs	1	104,000	5%	5200	0	0	208	520	780	2080	8,788
hemo dialysis machines	pcs	4	122,000	5%	6100	0	0	244	610	915	2440	10,309
water treatment	pcs	1	9,480	5%	474	0	0	19	47	71	190	801
hemodialysis chair	pcs	4	33,000	5%	1650	0	0	66	165	248	660	2,789
continous renal replacement therapy	pcs	1	1,825	5%	91	0	0	4	9	14	37	154
stretchers	pcs	1	2,100	5%	105	0	0	4	11	16	42	177
exam beds	pcs	3	1,100	5%	55	0	0	2	6	8	22	93
floor mounted scale	pcs	1	7,110	5%	356	0	0	14	36	53	142	601
recliner	pcs	3	1,200	5%	60	0	0	2	6	9	24	101
Pharmacy+ blood bank					0	0	0	0	0	0	0	-
laminar flow @ oncology and IVF lab	pcs	2	40,000	5%	2000	0	0	80	200	300	800	3,380
refrigerator with glass doors	pcs	5	12,000	5%	600	0	0	24	60	90	240	1,014
Laboratories on IVF and ONCOLOGY FLOOR					0	0	0	0	0	0	0	-
major equipment					0	0	0	0	0	0	0	-

hematology analyzer & up 5 part	pcs	1	45,000	5%	2250	0	0	90	225	338	900	3,803
laboratory scale	pcs	1	6,500	5%	325	0	0	13	33	49	130	549
incubator-lab @IVF	pcs	6	24,000	5%	1200	0	0	48	120	180	480	2,028
semi automated biochemistry counter	pcs	1	14,600	5%	730	0	0	29	73	110	292	1,234
microhaemotocrit centrifuge	pcs	1	37,120	5%	1856	0	0	74	186	278	742	3,137
House keep					0	0	0	0	0	0	0	-
cleaning carts per floor	pcs	20	5,000	10%	500	275	722	10	25	38	100	1,669
80 liters garbage contains	pcs	20	7,000	10%	700	385	1011	14	35	53	140	2,337
soiled linen cart	pcs	20	9,000	10%	900	495	1299	18	45	68	180	3,005
clean linen carts	pcs	20	16,000	10%	1600	880	2310	32	80	120	320	5,342
oxygen cylinder for back for exchange 40 lit	pcs	191	105,050	10%	10505	5778	15167	210	525	788	2101	35,074
ditto but for nitros	pcs	22	11,000	10%	1100	605	1588	22	55	83	220	3,673
ditto but for co2	pcs	6	3,000	10%	300	165	433	6	15	23	60	1,002
mayo	pcs	11	24,780	10%	2478	1363	3578	50	124	186	496	8,273
mayo	pcs	11	7,040	10%	704	387	1016	14	35	53	141	2,350
mayo	pcs	11	8,910	10%	891	490	1286	18	45	67	178	2,975
mayo	pcs	16	2,310	10%	231	127	334	5	12	17	46	771
mayo	pcs	11	3,712	10%	371	204	536	7	19	28	74	1,239
Patient armchair	pcs	82	4,158	10%	416	229	600	8	21	31	83	1,388
Office task chair Let's B stell case	pcs	12	31,980	20%	6396	1919	5037	64	160	240	640	14,455
Office chair Omnia (+ arms)	pcs	169	4,440	20%	888	266	699	9	22	33	89	2,007
Visitor chair - black Matrix with arm	pcs	42	41,574	20%	8315	2494	6548	83	208	312	831	18,791
Classroom chairs - blue Matrix	pcs	12	5,964	20%	1193	358	939	12	30	45	119	2,696
Kitchenette & patient chairs - orange Matrix	pcs	246	1,704	20%	341	102	268	3	9	13	34	770
Cafeteria chairs - red Matrix	pcs	200	34,932	20%	6986	2096	5502	70	175	262	699	15,789
Lab chair (1290 PU Asyn Plast Extend)	pcs	8	28,400	20%	5680	1704	4473	57	142	213	568	12,837
Cafeteria table 90x90 cm touch downm	pcs	52	1,520	20%	304	91	239	3	8	11	30	687
Conference table 200/90/75H	pcs	16	20,280	20%	4056	1217	3194	41	101	152	406	9,167
Lockers 30/40/183H	pcs	81	14,560	20%	2912	874	2293	29	73	109	291	6,581
Drawer unit	pcs	34	28,350	20%	5670	1701	4465	57	142	213	567	12,814
Desk 200/90+ 100/60	pcs	6	7,140	20%	1428	428	1125	14	36	54	143	3,227
Desk 180/80+100/60	pcs	7	6,900	20%	1380	414	1087	14	35	52	138	3,119
Desk 160/80+100/60	pcs	11	7,700	20%	1540	462	1213	15	39	58	154	3,480
Desk 170/60=100/60	pcs	2	11,550	20%	2310	693	1819	23	58	87	231	5,221
Desk 160/60+100/60	pcs	51	2,150	20%	430	129	339	4	11	16	43	972
Desk 140/60	pcs	15	50,490	20%	10098	3029	7952	101	252	379	1010	22,821
flip top rec tangular 200/90	pcs	16	8,100	20%	1620	486	1276	16	41	61	162	3,661
waiting area sitting 3 sits	pcs	18	14,560	20%	2912	874	2293	29	73	109	291	6,581
waiting area sitting 2 sits + table	pcs	18	12,960	20%	2592	778	2041	26	65	97	259	5,858

aluminum & plastic shelves 120x60	pcs	45	10,620	20%	2124	637	1673	21	53	80	212	4,800
cabinet 80X210 steel case	pcs	54	15,300	20%	3060	918	2410	31	77	115	306	6,916
on call bed	pcs	7	24,300	20%	4860	1458	3827	49	122	182	486	10,984
auditorium seating	pcs	135	2,940	20%	588	176	463	6	15	22	59	1,329
40" smart TV in patient rooms private floor	pcs	56	56,700	20%	11340	3402	8930	113	284	425	1134	25,628
waiting areas TV	pcs	20	44,800	20%	8960	2688	7056	90	224	336	896	20,250
under counter refrigerator @ nurse station	pcs	8	16,000	20%	3200	960	2520	32	80	120	320	7,232
queen bed 160X210 at new staff housing	pcs	6	1,920	20%	384	115	302	4	10	14	38	868
leaving room sofa and coffee table	pcs	6	8,400	20%	1680	504	1323	17	42	63	168	3,797
90X200 bed	pcs	24	12,000	20%	2400	720	1890	24	60	90	240	5,424
under counter refrigerator	pcs	48	9,600	20%	1920	576	1512	19	48	72	192	4,339
large refrigerators	pcs	12	11,520	20%	2304	691	1814	23	58	86	230	5,207
smart TV sets 48 "	pcs	12	9,600	20%	1920	576	1512	19	48	72	192	4,339
microwave	pcs	12	8,400	20%	1680	504	1323	17	42	63	168	3,797
hot cooking plate with 3 burners	pcs	12	2,760	20%	552	166	435	6	14	21	55	1,248
hot cooking plate with 1 burner	pcs	12	3,480	20%	696	209	548	7	17	26	70	1,573
linen					0	0	0	0	0	0	0	-
curtain divider	pcs	210	72,254	20%	14451	4335	11380	145	361	542	1445	32,659
shower curtain	pcs	112	50,610	20%	10122	3037	7971	101	253	380	1012	22,876
physicians coats	pcs	600	7,952	20%	1590	477	1252	16	40	60	159	3,594
nurses dress	pcs	1200	17,400	20%	3480	1044	2741	35	87	131	348	7,865
pants for operation & treatment	pcs	400	43,200	20%	8640	2592	6804	86	216	324	864	19,526
shirts for above	pcs	400	7,600	20%	1520	456	1197	15	38	57	152	3,435
bambino sheet mattress cover for hospital beds; bed sheet ,pillow cover blanket for bed antibacteria polycotton priotex	pcs	1800	7,600	20%	1520	456	1197	15	38	57	152	3,435
ditto for stretcher	pcs	400	154,800	20%	30960	9288	24381	310	774	1161	3096	69,970
patient gown pajamas	pcs	3000	32,000	20%	6400	1920	5040	64	160	240	640	14,464
toyota pick up	pcs	4	192,000	5%	9600	10080	26460	384	960	1440	3840	52,764
TOTAL			18,032,775		2528227	781270	2051914	36,065.55	90164	135246	360656	5,983,541

In case of reply the
number and date of this
letter should be quoted

THE COMMISSIONER
CUSTOMS DIVISION OF
GHANA REVENUE AUTHORITY
P. O. BOX 68
ACCRA



TEL: 233-302-666841-4
FAX: 233-302-660019

20TH NOVEMBER, 2018

THE MINISTER,
MINISTRY OF FINANCE,
ACCRA.

**RE: REQUEST FOR TAX ASSESSMENT FOR PHASE II OF THE UNIVERSITY OF GHANA
MEDICAL CENTRE PROJECT**

Reference is made to letter no. MoH/PPME/CIMU/UGMC/PH-II-18 dated 12th November, 2018 on the above subject.

I forward herewith the schedule of Assessment of Tax Liabilities totaling the Cedi equivalent of Six Million, Six Hundred and Sixty Eight Thousand, Seven Hundred and Eighty Six United States Dollars(\$6,668,786 .00) being Project Equipment and Materials for the above Project to enable you request for Tax Exemption.


for: COMMISSIONER
(Y. BOAKYE AGYEMANG)
ASST COMMISSIONER