

Results from Group Works (1)
Comparison Table between NVS-appraised values and Current Values

Type of Property: LAND

Parcel #	SV	Area Size	NAW	Appraised Values (1: NVS)	Appraised Values (2: current)	Ratio (1/2)
23	250	705	1.08	190,350 ^{*1}	4,230 (2010)	45.0
9	250	669	0.892	149,253.9 ^{*2}	4,014	37.2
18	350	716	1.165	292,036.7 ^{*3}	5,012 (2010) ^{*4}	58.3

Type of Property: Building

Parcel #	SV	Area Size	NAW	Appraised Values (NVS)	Appraised Values (current)	Ratio (1/2)
12	20	130 ^{*5}	1.20	3,129.6	375	8.3
29	20	180 ^{*6}	0.98	3,522.6	250	14.1
18	30	300 ^{*7}	1.22	10,936.6	17,500	0.6
40	30	150 ^{*8}	1.15	5,175.0	750	6.9

*1: Results of Group 1 and 2 on the first day were taken.

*2: Results of Group 1 and 2 on the last day were taken.

*3: Results of four individual participants on the last day were taken.

*4: When the building on parcel #18 was appraised in 2014, the land was not subject to valuation because of its area size with less than 1.7 dunums. Thus, value appraised in 2010 when land was vacant was extracted from P-TAX for the comparison purpose.

*5: Though 120 m² was given through the estimation by GIS, some groups have adopted 130 m² for valuation during the field exercise.

*6: An area-size with 180 m², which one participant estimated by using a measuring tape taking into considerations the inclusion of balcony into the area, was taken for this paper. It is noted herewith that a lots of arguments can be made whether or not a balcony should be included. In reference to definitions of building stated in the Technical Manual, a balcony should not be included in the property subject to valuation.

*7: 156 m² as an estimated area size by GIS was given, but 300 m² was adopted by participants through their field observation. This difference in estimation of flat area size by GIS may be assumed to incur concerning on how to delineate a building by GIS without field investigation on a building which connects with adjacent next buildings.

*8: Even though GIS-estimated figure with 60 m² was given, participants took 150 m² as flat-area size. Reasons behind remain unknown since no discussion on this particular issue was made during the session.

وزارة المالية / دائرة ضريبة الاملاك

نافذة

الأظمنة الرئيسية --> ضريبة الاملاك --> التخمين --> السجلات --> تخمين ضريبة الاملاك

معلومات من السجل

المكتب 5 دائرة ضريبة أملاك رام الله و البيرة
المدينة / القرية 60003 بيتونيا
المحلة 60015 نسوية بيتونيا
الحوض 1 الصنطار ويتر الشماس

الحجى 0 الحالة 23 رقم التغطية 25/2/6 نوع التسجيل 705 المساحة 705

الرقم السابق 705

ملاحظات

لمشاهدة إجمالي قيم التخمين للسنوات (CTRL+H)

تثبيت التخمين
الغاء التثبيت
06311700024

تخمين الأرض
تخمين البناء
تخمين البناء الاخير

السنة نظام التخمين الاستخدام تصنيف المساحة متر المربع سعر المتر صافي التعديل قيمة الأرض تخمين الأرض المالك = المالك

السنة	نظام التخمين	التصنيف	المساحة متر المربع	سعر المتر	صافي التعديل	قيمة الأرض	تخمين الأرض	المالك = المالك
2017	جديد	1	705	250	1,080	190350	11,421	الحركات
2010	قديم		705	6		4230	254	الحركات

ملاحظات تخمين عام , سبكي وصف تصنيف الاستخدام

المالكين رقم المالك اسم المالك حصة المالك حصة المالك /طابو

رقم المالك	اسم المالك	حصة المالك	حصة المالك /طابو
79527	محمد نادي بدوان	1	1/1

الحصة اسم المالك رقم المالك

الحصة	اسم المالك	رقم المالك
1	محمد نادي بدوان	79527

الحالة 1 مجموع الحصص الحالة 1
رقم المعاملة نوع العقد التاريخ
ملاحظات

حفظ

ORA

MIDDLEWARE

Start startWebLogic.cmd - Sho... Start Weblogic Server - ... Start Weblogic Server - ... Oracle Fusion Middlewar... وزارة المالية / دائرة ضريبة الاملاك EN 1:24 PM

وزارة المالية / دائرة ضريبة الاملاك

نافذة

الأظمة الرئيسية -- ضريبة الاملاك -- التخمين -- السجلات -- تخمين ضريبة الاملاك

معلومات من السجل

المكتب 6 دائرة ضريبة أطلاك رام الله و البيرة
المدينة / القرية 60003 بيتونيا
المحلة 60015 تنسوية بيتونيا
الحوض 1 المنطار وبكر الشماس

الحالة 0 الجي
رقم القطعة 9
نوع التسجيل 19/4 الرقم السابق
مساحة 669 المساحة

ملاحظات [فرزت الى القطع التالية من ١/٩ - ٤/٩ ص ٥٤ من جلد ١ ١٩٨٥/٢/٢١

لمشاهدة إجمالي قيم التخمين للسنوات (CTRL+H)

تخمين الأرض | تخمين البناء | تخمين البناء الأخير

السنة نظام التخمين الاستخدام المساحة تصنيف سعر المتر صافي قيمة الأرض تخمين الأرض المكلف = المالك

السنة	نظام التخمين	الاستخدام	المساحة متر المربع	تصنيف	سعر المتر	صافي التعديل	قيمة الأرض	تخمين الأرض	المكلف = المالك
2017	جديد		669	1	250	0.892	149253.9	8,955	طابو مرحل
2010	قديم		669		6		4014	241	الحركات احتساب تخمين

وصف تصنيف الاستخدام سكاني ملاحظات

المالكين

رقم المالك	اسم المالك	حصة المالك	حصة المالك/طابو	رقم المكلف	اسم المكلف	الحصة
12852	خليل اسعد خليل العمري	1	1/3	12852	خليل اسعد خليل العمري	1
14532	راسم اسعد خليل العمري	1	1/3	14532	راسم اسعد خليل العمري	1
41612	صوفى اسعد خليل العمري	1	1/3	41612	صوفى اسعد خليل العمري	1

الحالة 3 مجموع الحصص

رقم المعاملة

ملاحظات

ORA MIDDLEWARE

Start | startWebLogic.cmd - Sho... | Start Weblogic Server - ... | Start Weblogic Server - ... | 172.20.2.72:9002/repor... | وزارة المالية / دائرة ضر... | Pictures | AR | 2:14 PM

وزارة المالية / دائرة ضريبة الاملاك

نافذة

الأظمة الرئيسية -- ضريبة الاملاك -- التخمين -- تخمين ضريبة الاملاك -- تخمين ضريبة الاملاك -- إدخال سجلات الميدان

معلومات من السجل

سبب التخمين: 1 تخمين عام
سنة التخمين: 2017
المكتب: 6 دائرة ضريبة أملاك رام الله و
المدينة / القرية: 60003 بيتونيا

المجلة: 60015 تسوية بيتونيا
الحوض:
تصنيف البلدية: ب
رقم الحي:
رقم القطعة:
سجل الميدان: 06311700024

تثبيت التخمين
الغاء التثبيت

تخمين الأرض تخمين البناء

رقم الحوض	رقم القطعة الحالي	رقم القطعة السابق	رقم الحوض	رقم القطعة الحالي	رقم القطعة السابق	نظام التخمين	تصنيف الاستخدام	المساحة بالمتر المربع	سعر المتر تخمين	صافي التعديل	قيمة الأرض	عوامل التخمين	احتساب التخمين	مثبت
1	0	9	1	0	9	جديد	1	669	250.000	0.892	149253.9	تخمين	احتساب	<input checked="" type="checkbox"/>
1	0	12	1	0	12	جديد	1	693	250.000		0	تخمين	احتساب	<input type="checkbox"/>
1	0	18	2	0	18	جديد	2	716	350.000	1.165	292036.77	تخمين	احتساب	<input checked="" type="checkbox"/>
1	0	23	1	0	23	جديد	1	705	250.000	1.080	190350	تخمين	احتساب	<input checked="" type="checkbox"/>
1	0	29		0	29	جديد		1346	.000		0	تخمين	احتساب	<input type="checkbox"/>
1	0	40		0	40	جديد		750	250.000		186300	تخمين	احتساب	<input type="checkbox"/>
1	0	104		0	104	جديد		1641	.000		0	تخمين	احتساب	<input type="checkbox"/>
												تخمين	احتساب	<input type="checkbox"/>

رقم القطعة السابق 23 فئة الاستخدام تجاري

ملاحظات ٢٠١٧

المكلمين: 61666 خالد وليد اسماعيل التخمين

الحصة: 1

ملاحظات

حفظ

ORA MIDDLEWARE

Start startWebLogic.cmd -... Start Weblogic Serve... Start Weblogic Serve... 172.20.2.72:9002/re... دائرة / المالية / Calculator Calculator EN 1:33 PM

وزارة المالية / دائرة ضريبة الاملاك

باقة

الأظمة الرئيسية -- ضريبة الاملاك -- التخمين -- السجلات -- تخمين ضريبة الاملاك

معلومات من السجل

المكتب 6 دائرة ضريبة أطلك رام الله و البيرة
المدينة / القرية 60003 بيتونيا
المحلة 60015 تنسوية بيتونيا
الحوض 1 المنطار وبكر الشماس
ملاحظات

الحالة 0 الجي
رقم القطعة 12
نوع التسجيل 25/2/5 الرقم السابق
مساحة 693 المساحة

بحث سجلات التخمين
الأيلولة

لمشاهدة إجمالي قيم التخمين للسنوات (CTRL+H)

تخمين الأرض تخمين البناء تخمين البناء الاخير

سنة التخمين	تسلسل الشقة	نظام التخمين	نوع البناء/الاستخدام	تصنيف البناء	رقم الطابق	رقم الشقة	مساحة البناء	سعر المتر	صافي التعديل	القيمة	التخمين	المكلف هو المالك
2017	75632	جديد	1	1	0	0	130	20	1.20	3129.6447	1252	التخمين
2013	75632	قديم								375	300	احتساب
2010	75632	قديم								375	300	الحركات
2013	75633	قديم								375	300	تفاصيل

وصف الإستعمال 3 المالك

الحالة: فعال سكوني تصنيف الاستخدام

الحالة	الحصة من الشقة	إسم المكلف	متسلسل المكلف
فعال	156	عفيفه ربحي عوض ابو جوده	50866
فعال	156	هناء ربحي عوض ابو جوده	50867
فعال	606	عبد عوض حسين جوده	50861
فعال	27	سميه حسين عقاب ابو جوده	79505
فعال	27	عزيره جوده حسين جوده	50864

ملاحظات تخمين سنة 2010

ORA MIDDLEWARE

Start startWebLogic.cmd - Sho... Start Weblogic Server - ... Start Weblogic Server - ... 172.20.2.72:9002/repor... وزارة المالية / دائرة ضريبة الاملاك Calculator AR 2:12 PM

EXPERTS Turnkey Solutions

باقة

الأنظمة الرئيسية -- ضريبة الاملاك -- التخمين -- تخمين ضريبة الاملاك -- تخمين ضريبة الاملاك -- إدخال سجلات الميدان

معلومات من السجل

سبب التخمين: 1 تخمين عام
سنة التخمين: 2017
المكتب: 6 دائرة ضريبة أملاك رام الله و
المدينة / القرية: 60003 بيتونيا

المجلة: 60015 تسوية بيتونيا
الحوض: 1
تصنيف البلدية: ب
رقم الحي: 0

حالة الطلب: الكل
رقم الطلب: 06311700024
رمز اللجنة: 25/2/1
سجل الميدان: 29

تثبيت التخمين
الغاء التثبيت

تخمين الأرض
تخمين البناء

سنة التخمين	المكتب	المدينة / القرية	المجلة	الحوض	الحي	رقم القطعة السابق	رقم القطعة الحالي
2017	6	60003	60015	1	0	25/2/1	29

المتسلسل	نظام التخمين	نوع البناء	تصنيف البناء	رقم الطابق	رقم الشقة	مساحة البناء	سعر المتر	صافي التعديل	القيمة	قيمة التخمين القديم	قيمة التخمين	موايل	أحساب	مشت
75694	جديد	شقة	1	1	0	0	0	0	0	120	0	تخمين	احتساب	<input type="checkbox"/>
75695	جديد	شقة	1	1	0	180	20	0.98	3522.6	1409	0	تخمين	احتساب	<input type="checkbox"/>
75696	جديد	شقة	2	0	0	0	0	0	0	40	0	تخمين	احتساب	<input type="checkbox"/>
												تخمين	احتساب	<input type="checkbox"/>
												تخمين	احتساب	<input type="checkbox"/>

نوع البناء شقة
وصف الإستعمال: 3 المالك
فرقة: 4
ليوان: 1
مطبخ: 1
حمام: 1
مرحاض: 1
فرنجة: 1
كراج: 1
مخزن: 1
دكان: 1
بناء مدور: 1

الإيجار: من تاريخ: إلى: موقع الشقة: المالك هو المكلّف

ملاحظات: 2010 تخمين سنة

المالكين - حسب سجل التخمين

إسم المالك	الحصة من الشقة
حسام خالد اسماعيل حداد	1

المالكين الجدد

إسم المالك	الحصة من الشقة

ملاحظات

حفظ المداخلات F10
إدخال عقد الإيجار

ORA MIDDLEWARE

Start startWebLogic.cmd - Sho... Start Weblogic Server - ... Start Weblogic Server - ... 172.20.2.72:9002/repor... EXPERTS Turnkey Sol... Calculator AR 1:50 PM

EXPERTS Turnkey Solutions

نافذة

الأنظمة الرئيسية -- ضريبة الاملاك -- التخمين -- تخمين ضريبة الاملاك -- تخمين ضريبة الاملاك -- إدخال سجلات الميدان

معلومات من السجل

سبب التخمين: 1 تخمين عام
سنة التخمين: 2017
المكتب: 6 دائرة ضريبة أملاك رام الله و
المدينة / القرية: 60003 بيتونيا

المجلة: 60015 تسوية بيتونيا
الحوض: الحوض
تصنيف البلدية: ب الفئة الثانية
رقم الحي: رقم النطحة

حالة الطلب: الكل
رقم الطلب: رقم الطلب
رمز اللجنة: رمز اللجنة
سجل الميدان: 06311700024

تثبيت التخمين
الغاء التثبيت

تخمين الأرض
تخمين البناء

سنة التخمين	المكتب	المدينة / القرية	المجلة	الحوض	الحي	رقم النطحة السابق	رقم النطحة الحالي
2017	6	60003	60015	1	0	23	18

المتسلسل	نظام التخمين	نوع البناء	تصنيف البناء	رقم الطابق	رقم الشقة	مساحة البناء	سعر المتر	صافي التعديل	القيمة	قيمة التخمين	قيمة التخمين القديم	موامل التخمين	احتساب	مثبت
156768	جديد	1	2	0	0	300	30	1.22	10936.560	8749		تخمين	احتساب	<input checked="" type="checkbox"/>
156769	جديد	0	1	0	0					400		تخصت	احتساب	<input type="checkbox"/>
217221	جديد	0	1	0	0					1600		تخمين	احتساب	<input type="checkbox"/>
217222	جديد	1	2	0	0	300	30	1.20	10833.38	8667		تخمين	احتساب	<input checked="" type="checkbox"/>
												تخصت	احتساب	<input type="checkbox"/>

الإيجار: من تاريخ: إلى: الإيجار التجاري

نوع البناء شقة: 1 صوحر

وصف الإستعمال: 1 صوحر

فرقة: ليوان مطبخ حمام مرحاض فرندة كراج مخزن دكان بناء مدور

موقع الشقة: المالك هو المكلّف 6

ملاحظات:

المكلمين - حسب سجل التخمين

إسم المالك	الحصة من الشقة
61666 خالد وليد اسماعيل التخمين	1

المكلمين الجدد

إسم المالك	الحصة من الشقة

ملاحظات:

إدخال عقد الإيجار F10 حفظ المداخلات

ORA MIDDLEWARE

Start startWebLogic.cmd - Sho... Start Weblogic Server - ... Start Weblogic Server - ... 172.20.2.72:9002/repor... EXPERTS Turnkey Sol... Calculator AR 1:56 PM

وزارة المالية - دائرة ضريبة الأملاك

باقة

الأنظمة الرئيسية -- ضريبة الأملاك -- التخمين -- تخمين ضريبة الأملاك -- تخمين ضريبة الأملاك -- إدخال سجلات الميدان

معلومات من السجل

سبب التخمين: 1 تخمين عام
سنة التخمين: 2017
المكتب: 6 دائرة ضريبة أملاك رام الله و
المدينة / القرية: 60003 بيتونيا

المجلة: 60015 تسوية بيتونيا
الحوض: الحوض
تصنيف البلدية: ب الفئة الثانية
رقم الحي: رقم النطحة

حالة الطلب: الكل
رقم الطلب: رقم الطلب
رمز اللجنة: رمز اللجنة
سجل الميدان: 06311700024

تثبيت التخمين
الغاء التثبيت

تخمين الأرض تخمين البناء

سنة التخمين	المكتب	المدينة / القرية	المجلة	الحوض	الحي	رقم النطحة السابق	رقم النطحة الحالي
2017	6	60003	60015	1	0	17/11	40

المتسلسل	نظام التخمين	نوع البناء	تصنيف البناء	رقم الطابق	رقم الشقة	مساحة البناء	سعر المتر	صافي التعديل	القيمة	قيمة التخمين القديم	قيمة التخمين	هوامل التخمين	احتساب	مشت
75747	جديد	1	0	0	0	0	20					تخمين	احتساب	
75748	جديد	0	0	0	0	0				600		تخصن	احتساب	
75749	جديد	0	0	0	0	0				3600		تخمين	احتساب	
75750	جديد	1	2	0	0	150	30	1.15	5158.755	4127	600	تخمين	احتساب	
75751	جديد	0	0	0	0	0				600		تخصن	احتساب	

الإيجار: من تاريخ: إلى:

نوع البناء شقة: تجاري استخدام طبيعي صوحر ليوان مطبخ حمام مرحاض فرنادة كراج مخزن دكان بناء مدور موقع الشقة المالك هو المكلف

وصف الإستعمال: 1 صوحر

ملاحظات:

المالكين - حسب سجل التخمين

الحصة من الشقة	إسم المالك	المكلمين الجدد	الحصة من الشقة	إسم المالك
1	حسن عبد خالد عاصي			

ملاحظات: 2010 تخمين سنة

ORA MIDDLEWARE

Start startWebLogic.cmd - Sho... Start Weblogic Server - ... Start Weblogic Server - ... 172.20.2.72:9002/rep... وزارة المالية - دائرة ضريبة الأملاك Pictures AR 2:26 PM

Training in Field Trial Application: Data Processing Sheet of Group Work (For Internal use for trainers and GDPT officials only)

Parcel #	Type	Group	SV	x	Area Size	x	VIF 1 Road Width	x	VIF 2 Location	x	VIF 3 Topograpgy	x	VIF 4 Shape	x	VIF 5 Frontage	=	Appraised Value (NVS)	Values appraised before
23	Land	Group 1	250	x	705	x	1.00	x	1.08	x	1.00	x	1.00	x	1.00	=	190,350.00	4,230
		Group 2	250	x	705	x	1.00	x	1.08	x	1.00	x	1.00	x	1.00	=	190,350.00	4,230
		Group 3	250	x	705	x	1.08	x	1.08	x	1.00	x	1.00	x	1.03	=	211,745.34	4,230
9	Land	Group 1	250	x	669	x	0.92	x	1.08	x	1.00	x	1.00	x	0.97	=	161,194.21	4,014
		Group 2	250	x	669	x	0.92	x	1.00	x	1.00	x	1.00	x	0.97	=	149,253.90	4,014
		Group 3	250	x	669	x	0.92	x		x	1.00	x	1.00	x	0.97	=	0.00	4,014
18 (L)	Land	Group 1	350	x	716	x	1.08	x	1.08	x	1.00	x	1.00	x	1.03	=	301,068.84	5,012
		Group 2	350	x	716	x	1.08	x	1.08	x	1.00	x	1.00	x	1.03	=	301,068.84	5,012
		Group 3	350	x	716	x	1.08	x	1.08	x	1.00	x	0.97	x	1.03	=	292,036.77	5,012

* Standard: 1 Inferior: See VIF; Superior: See VIF

** Net Adjustment Weight: VIF 1 x VIF 2 x VIF 3 x VIF 4 x VIF 5 = NAW

Training in Field Trial Application: Data Processing Sheet of Group Work (For Internal use for trainers and GDPT officials only)																	
Parcel #	Group #	SV	x	Area Size	x	(1) Road Width	x	(2) Location	x	(3) Topography	x	(4) Shape of Parcel	x	(5) Fondatge	=	Appraised Value (NVS)	Values appraised before
9	Group 1	250	x	669	x	0.92	x	1	x	1	x	1	x	0.97	=	149,253.9	4,014
	Group 2	250	x	669	x	0.92	x	1	x	1	x	1	x	0.97	=	149,253.9	4,014

* Standard: 1 Inferior: See VIF; Superior: See VIF

** Net Adjustment Weight: VIF 1 x VIF 2 x VIF 3 x VIF 4 x VIF 5 = NAW

Training in Field Trial Application: Data Processing Sheet of Group Work (For Internal use for trainers and GDPT officials only)																	
Parcel #	Valuator	SV	x	Area Size	x	(1) Road Width	x	(2) Location	x	(3) Topography	x	(4) Shape of Parcel	x	(5) Fondatge	=	Appraised Value (NVS)	Values appraised before
18 Land	A	350	x	716	x	1.08	x	1.08	x	1	x	0.97	x	1.03	=	292,036.8	5,012
	B	350	x	716	x	1.08	x	1.08	x	1	x	0.97	x	1	=	283,530.8	
	C	350	x	716	x	1.08	x	1.08	x	1	x	1	x	1.03	=	301,068.8	
	D	350	x	716	x	1.08	x	1.08	x	1	x	0.97	x	1.03	=	292,036.8	5,012
	E	350	x	716	x	1.08	x	1.08	x	1	x	0.97	x	1.03	=	292,036.8	5,012
	F	350	x	716	x	1.08	x	1.08	x	1	x	0.97	x	1.03	=	292,036.8	5,012

* Standard: 1 Inferior: See VIF; Superior: See VIF

** Net Adjustment Weight: VIF 1 x VIF 2 x VIF 3 x VIF 4 x VIF 5 = NAW

Training in Field Trial Application: Data Processing Sheet of Group Work (For Internal use for trainers and GDPT officials only)

Parcel #	Type	Group	SV	x	Area Size	x	VIF 1 Quality and Conditions	x	VIF 2 Localtion	x	VIF 3 Services	x	VIF 4 Floor Location	x	VIF 5 Building Age	=	Appraisaed Value (NVS)	Values appraised before
12	Building	Group 1	20	x	130	x	1.00	x	1.06	x	1.05	x	1.03	x	1.05	=	3,129.64	375
		Group 2	20	x	130	x	1.00	x	1.06	x	1.05	x	1.03	x	1.05	=	3,129.64	375
		Group 3	20	x	120	x	1.00	x	1.06	x	1.05	x	1.03	x	1.05	=	2,888.90	

* Standard: 1 Inferior: See VIF; Superior: See VIF

** Net Adjustment Weight: VIF 1 x VIF 2 x VIF 3 x VIF 4 x VIF 5 = NAW

Training in Field Trial Application: Data Processing Sheet of Group Work (For Internal use for trainers and GDPT officials only)																		
Parcel #	Group #	SV	x	Area Size	x	(1) Quality & Condition2	x	(2) Location	x	(3) Services	x	(4) Floor Location	x	(5) Building Age	=	Appraisaed Value (NVS)	Values appraised before	
29	Group 1	20	x	150	x	1	x	1	x	1	x	1.03	x	0.95	=	2,935.5	250	
	Group 2	20	x	180	x	1	x	1	x	1	x	1.03	x	0.95	=	3,522.6	250	

* Standard: 1 Inferior: See VIF; Superior: See VIF

Training in Field Trial Application: Data Processing Sheet of Group Work (For Internal use for trainers and GDPT officials only)

Parcel #	Valuator	SV	x	Area Size	x	(1) Quality & Condition	x	(2) Location	x	(3) Services	x	(4) Floor Location	x	(5) Building Age	=	Appraised Value (NVS)	Values appraised before
18 Building	A	30	x	300	x	1.06	x	1.06	x	1.05	x	1.03	x	1.05	=	11,483.4	
	B	30	x	300	x	1	x	1	x	0.95	x	1.03	x	1.05	=	9,246.8	
	C	30	x	310	x	1.06	x	1.06	x	1.05	x	1.03	x	1.05	=	11,866.2	
	D	30	x	270	x	1	x	1.06	x	1	x	1.03	x	1.05	=	9,285.8	
	E	30	x	300	x	1.06	x	1.06	x	1.05	x	1.03	x	1.05	=	11,483.4	
	F	30	x	300	x	1.06	x	1.06	x	1	x	1.03	x	1.05	=	10,936.6	17,500

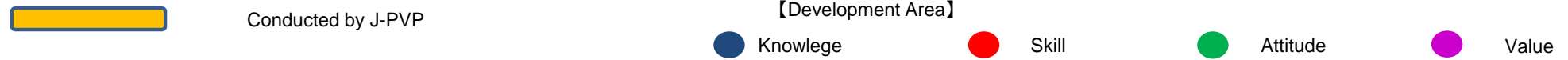
* Standard: 1 Inferior: See VIF; Superior: See VIF

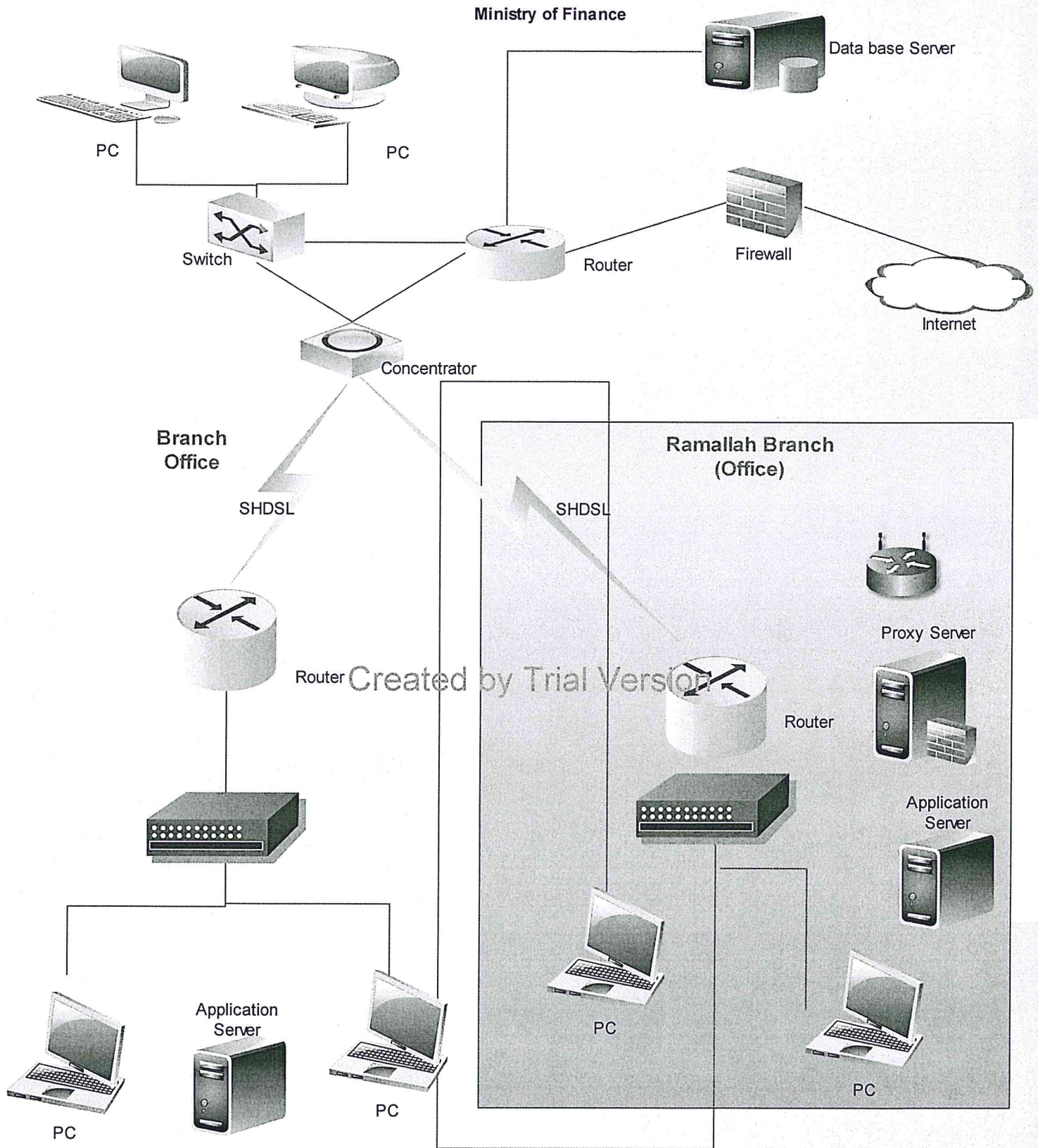
** Net Adjustment Weight: $VIF\ 1 \times VIF\ 2 \times VIF\ 3 \times VIF\ 4 \times VIF\ 5 = NAW$

Discussion Note for Operation Improvement GDPT
Performance Monitoring Structure

Monitoring Category	Monitoring Report Title	Frequency	Contents	Submission		Target Setting (Report Title)	Quantitative Indicator	Purpose	Note	Steps for Operationalization
				1	2					
Individual Performance Monitoring	Daily Work Report	Daily	Activities done in the day	Staff→Director	Director→Performance Monitoring Committee	N/A	N/A	1. Check daily work of each staff 2. Evaluate Individual performance of the day	Commence in the middle of February, 2014	1. Fix the reporting format
	Monthly Work Report	Monthly	Activities done in the month			(to be confirmed)	(to be confirmed)	1. Check monthly work of each staff 2. Evaluate Individual performance of the month		
	Daily Individual Performance Monitoring Summary	Weekly	Verificatin result of the Daily Work Report	Performance Monitoring Committee→DG	N/A	N/A	N/A	1. Report verification result to DG 2. Advise DG the staff to be inspected		
	Monthly Individual Performance Monitoring Summary	Monthly	Verificatin result of the Monthly Work Report			N/A	N/A	1. Report verification result to DG 2. Advise DG the staff to be inspected		
Branch Office Performance Monitoring	Daily Office Data Summary	Daily	Daily data to measure office performance	1. IT Department→DG 2. IT Department→Office Director	N/A	N/A	(to be confirmed)	Check daily performance of each Office		1. Identify the data required 2. Check the data availability 3. Design reporting format 4. Fix the reporting format 5. Develop IT system for reporting
	Weekly Office Data Summary	Weekly	Weekly data to measure office performance			GDPT Annual Plan (Monthly Target)	(to be confirmed)	1. Check weekly performance of each Office 2. Evaluate office performance of the week		
	Monthly Office Data Summary	Monthly	Monthly data to measure office performance			GDPT Annual Plan (Monthly Target)	(to be confirmed)	1. Check monthly performance of each Office 2. Evaluate Office performance of the month 3. Adjust annual monthly target of the Office		
	Yearly Office Data Summary	Yearly	Yearly data to measure office performance			GDPT Annual Plan GDPT Master Plan (Yearly Target)	(to be confirmed)	1. Check yearly performance of each Office 2. Evaluate Office performance of the year 3. Adjust next year's target of the Office		
	Weekly Office Report	Weekly	Weekly qualitative summary of office operatoin	Office Director → DG	N/A	GDPT Annual Plan (Monthly Target)	N/A	1. Identify the issues the Office of the week 2. Identify the reasons of high/low performance of the Office of the week		
	Monthly Office Report	Monthly	Monthly qualitative summary of office operatoin			GDPT Annual Plan (Monthly Target)	N/A	1. Identify the issues of the Office of the month 2. Identify the reasons of high/low performance of the Office of the month 3. Adjust annual monthly target of the Office		
Department Performance Monitoring	Weekly Department Report	Weekly	Weekly summary (quantative, auolitative) of Department operatoin	Department Director → DG	N/A	GDPT Annual Plan (Monthly Target)	(to be confirmed)	1. Check weekly performance of the Department 2. Evaluate Department performance of the week 3. Identify the issues of the Department of the week 4. Identify the reasons of high/low performance of the Department of the week	Quantitative indicator should be decided by each Department resexctively	
	Monthly Department Report	Monthly	Monthly summary (quantative, auolitative) of Department operatoin			GDPT Annual Plan (Monthly Target)	(to be confirmed)	1. Check monthly performance of the Department 2. Evaluate Department performance of the month 3. Identify the issues of the Department of the month 4. Identify the reasons of high/low performance of the Department of the month 5. Adjust annual monthly target of the Department	Quantitative indicator should be decided by each Department resexctively	
	Yearly Department Report	Yearly	Yearly summary (quantative, auolitative) of Department operatoin			GDPT Annual Plan GDPT Master Plan (Yearly Target)	(to be confirmed)	1. Check yearly performance of the Department 2. Evaluate Department performance of the year 3. Identify the issues of the Department of the year 4. Identify the reasons of high/low performance of the Department of the year 5. Adjust annual target of the Department	Quantitative indicator should be decided by each Department resexctively	
GDPT Performance Monitoring	Monthly GDPT Data Summary	Monthly	Monthly data to measure office performance	IT Department → DG IT Department → all the Directors	N/A	N/A	(to be confirmed)	1. Check monthly performance of GDPT 2. Evaluate GDPT performance of the month 3. Identify the issues of GDPT of the month 4. Identify the reasons of high/low performance of GDPT of the month 5. Adjust annual monthly target of GDPT		1. Identify the data required 2. Check the data availability 3. Design reporting format 4. Fix the reporting format 5. Develop IT system for reporting
	Annual GDPT Report	Yearly	Yearly report (quantative, auolitative) of GDPT operatoin	TDMU → DG	DG → Minister, MoF	GDPT Annual Plan	(to be confirmed)	1. Check yearly performance of GDPT 2. Evaluate GDPT performance of the year 3. Identify the issues of GDPT of the year 4. Identify the reasons of high/low performance of GDPT of the year 5. Adjust annual target of GDPT		
	3 Years GDPT Report	3 years	3 year report (quantative, auolitative) of GDPT operatoin			GDPT Master Plan	(to be confirmed)	1. Check 3 years performance of GDPT 2. Evaluate GDPT performance of the 3 years 3. Identify the issues of GDPT of the 3 years 4. Identify the reasons of high/low performance of GDPT of the 3 years 5. Set nest 3 years target		

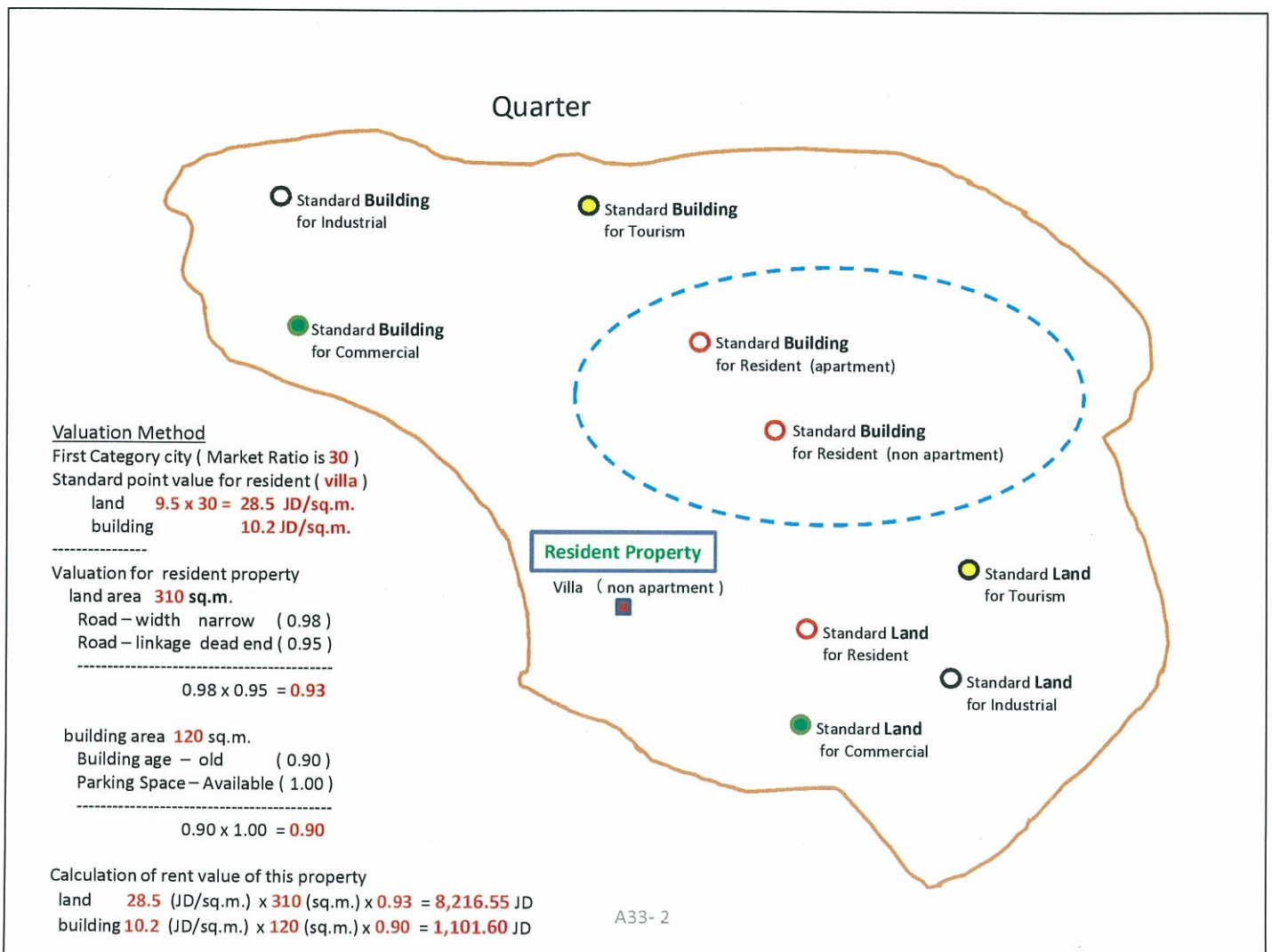
Group	Course Category	Newly Employed Staff	Fresh Staff	Mid-Level Staff	Senior Staff	Management Level
Common Training	GDPT Common	Introduction to GDPT	Workshop: Mission of GDPT I	Workshop: Mission of GDPT II	Workshop: Mission of GDPT III	Compliance
	Property Tax	Basics of Property Tax	Property Tax Administration I	Property Tax Administration II	Property Tax Administration	PT Administration in other countries
	Interpersonal & Human Skill			Team Building	Coaching	Leadership
	Business Skill	Documentation	Customer Satisfaction I	Customer Satisfaction II	Customer Relationship II	Top Management
	IT System	PC Basic		Sharepoint Basic		P-Tax Basic
Specialized Training	Valuation	Basics of Valuation	Workshop: Valuation Case I	Workshop: Valuation Case II	Workshop: Valuation Case III	Introduction of New Valuation Standard
	Collection	Basics of Collection	Workshop: Collection Case I	Workshop: Collection Case II	Workshop: Collection Case III	Introduction of New Valuation Standard
	Accounting	Collection Procedures		Detection of Fraud and Forgery		
	IT	Legal Framework of Collection I	Negotiation Skill	Negotiation Simulation I	Negotiation Simulation II	
Other Training	Other Training					





General System Design of P-TAX Modification to Operationalize the New Valuation Standards

A33- 1



SETUP-1 Municipality Category

وزارة المالية / دائرة ضريبة الاملاك

Main Systems --> Evaluation --> Setup --> General Setup --> MUNICIPALITIES

دائرة ضريبة أملاك محافظة رام الله و البيرة و اللوات

No need to modify this program

MUN CODE	MUN DESC A	MUN DESC L	MUN CATEGORY	TABOO CODING
60001	رام الله	Ramallah Municipality	أ	الفئة الأولى 16
60002	البيرة	Albirah Municipality	ب	الفئة الأولى
60003	بيتونيا	Betonia Municipality	ب	الفئة الثانية
60004	سلواد	Silwad Municipality	ب	الفئة الثانية
60005	دير ديبوان	Der Debwan Municipality	ب	الفئة الثانية
60006	بئر زيت		ب	الفئة الثانية
60007			ب	الفئة الثانية

Update history should be saved

Municipality Category

- 1: First category city
- 2: Second category city
- 3: Third category city
- 4: Fourth category city

MUN CATEGORY	MCATEGORY DESC A	MCATEGORY DESC L
0	الافتراضي	Default
1	First الفئة الأولى	First Class
2	Second الفئة الثانية	Second Class
3	Third الفئة الثالثة	Third Class
4	Fourth الفئة الرابعة	Fourth Class

SETUP-2 Property type

Two columns for Arabic and English (same as other screens)

code

Property_type

1	Commercial
2	Residential
3	Industrial
4	Tourism
5	Other
6	
7	
8	
9	
10	
11	
12	
13	
14	

Update history should be saved

SETUP-3 Matrix Factor

code	Indicators	Land or Building	Validity for Property type
1	Width	Land	<input checked="" type="checkbox"/> Commercial <input checked="" type="checkbox"/> Residential <input checked="" type="checkbox"/> Industrial <input checked="" type="checkbox"/> Tourism <input type="checkbox"/> Other
2	linkage	Land	<input checked="" type="checkbox"/> Commercial <input checked="" type="checkbox"/> Residential <input checked="" type="checkbox"/> Industrial <input checked="" type="checkbox"/> Tourism <input type="checkbox"/> Other
3	Pavement	Land	<input checked="" type="checkbox"/> Commercial <input checked="" type="checkbox"/> Residential <input checked="" type="checkbox"/> Industrial <input checked="" type="checkbox"/> Tourism <input type="checkbox"/> Other
4	Access to the Central of Municipality	Land	<input checked="" type="checkbox"/> Commercial <input checked="" type="checkbox"/> Residential <input checked="" type="checkbox"/> Industrial <input checked="" type="checkbox"/> Tourism <input type="checkbox"/> Other
5	Access to the Main Street or Road	Land	<input checked="" type="checkbox"/> Commercial <input checked="" type="checkbox"/> Residential <input checked="" type="checkbox"/> Industrial <input checked="" type="checkbox"/> Tourism <input type="checkbox"/> Other
6	Availability of Public Transportation	Land	<input checked="" type="checkbox"/> Commercial <input checked="" type="checkbox"/> Residential <input checked="" type="checkbox"/> Industrial <input checked="" type="checkbox"/> Tourism <input type="checkbox"/> Other
7	Proximity to Retail Stores	Land	<input type="checkbox"/> Commercial <input checked="" type="checkbox"/> Residential <input type="checkbox"/> Industrial <input checked="" type="checkbox"/> Tourism <input type="checkbox"/> Other
8	Proximity to Public Facilities	Land	<input checked="" type="checkbox"/> Commercial <input checked="" type="checkbox"/> Residential <input checked="" type="checkbox"/> Industrial <input type="checkbox"/> Tourism <input type="checkbox"/> Other
9	Water, Electricity, etc.	Land	<input checked="" type="checkbox"/> Commercial <input checked="" type="checkbox"/> Residential <input checked="" type="checkbox"/> Industrial <input checked="" type="checkbox"/> Tourism <input type="checkbox"/> Other
	Residential Environment	Land	<input type="checkbox"/> Commercial <input checked="" type="checkbox"/> Residential <input type="checkbox"/> Industrial <input type="checkbox"/> Tourism <input type="checkbox"/> Other
	Business Environment	Land	<input checked="" type="checkbox"/> Commercial <input type="checkbox"/> Residential <input type="checkbox"/> Industrial <input type="checkbox"/> Tourism <input type="checkbox"/> Other
12	Proximity to Nuisances	Land	<input type="checkbox"/> Commercial <input checked="" type="checkbox"/> Residential <input type="checkbox"/> Industrial <input type="checkbox"/> Tourism <input type="checkbox"/> Other
13	Frontage	Land	<input checked="" type="checkbox"/> Commercial <input checked="" type="checkbox"/> Residential <input checked="" type="checkbox"/> Industrial <input checked="" type="checkbox"/> Tourism <input type="checkbox"/> Other
14	Shape	Land	<input checked="" type="checkbox"/> Commercial <input checked="" type="checkbox"/> Residential <input checked="" type="checkbox"/> Industrial <input checked="" type="checkbox"/> Tourism <input type="checkbox"/> Other
15	Area	Land	<input checked="" type="checkbox"/> Commercial <input checked="" type="checkbox"/> Residential <input checked="" type="checkbox"/> Industrial <input checked="" type="checkbox"/> Tourism <input type="checkbox"/> Other
16	Topography	Land	<input checked="" type="checkbox"/> Commercial <input checked="" type="checkbox"/> Residential <input checked="" type="checkbox"/> Industrial <input checked="" type="checkbox"/> Tourism <input type="checkbox"/> Other
17	Location of the Building on the Site	Building	<input checked="" type="checkbox"/> Commercial <input checked="" type="checkbox"/> Residential <input checked="" type="checkbox"/> Industrial <input checked="" type="checkbox"/> Tourism <input type="checkbox"/> Other
18	Building Age	Building	<input checked="" type="checkbox"/> Commercial <input checked="" type="checkbox"/> Residential <input checked="" type="checkbox"/> Industrial <input checked="" type="checkbox"/> Tourism <input type="checkbox"/> Other
19	Quality of Construction	Building	<input checked="" type="checkbox"/> Commercial <input checked="" type="checkbox"/> Residential <input checked="" type="checkbox"/> Industrial <input checked="" type="checkbox"/> Tourism <input type="checkbox"/> Other
20	Floor Location	Building	<input checked="" type="checkbox"/> Commercial <input checked="" type="checkbox"/> Residential <input type="checkbox"/> Industrial <input type="checkbox"/> Tourism <input type="checkbox"/> Other

Update history should be saved

A33- 5

SETUP-4 Valuation Matrix Table

Year

Municipality Category

Type of Property

- Commercial
- Residential
- Industrial
- Tourism

- First category
- Second category
- Third category
- Fourth category

Find

			Valid/non-valid
Width	Standard	1.00	<input checked="" type="checkbox"/>
	Wide	1.05	<input checked="" type="checkbox"/>
	Narrow	0.95	<input checked="" type="checkbox"/>
	Slightly Inferior	0.95	<input type="checkbox"/>
Linkage	Standard	1.00	<input checked="" type="checkbox"/>
	Dead End	0.90	<input checked="" type="checkbox"/>
Pavement	Paved	1.00	<input checked="" type="checkbox"/>
	Unpaved	0.99	<input checked="" type="checkbox"/>
Access to the Center of Municipality	Standard	1.00	<input checked="" type="checkbox"/>
	Superior	1.02	<input checked="" type="checkbox"/>
	Inferior	0.98	<input checked="" type="checkbox"/>

non-valid

Update history should be saved

This is the image of adding data.

 Width
 Linkage
 Pavement
 Access to the Center of Municipality

Linkage

Save

A33- 6

SETUP-5 Standard Point Value

Year

Department

City

Local

First category

Block

Quarter	Property Category	Type of Property	Type of building	Standard value (JD/sq.m.)
01	Land	Commercial		<input type="text" value="9.0"/>
		Residential		<input type="text" value="8.0"/>
		Industrial		<input type="text" value="7.0"/>
		Tourism		<input type="text" value="9.0"/>
	Building	Commercial		<input type="text" value="8.0"/>
		Residential	Apartment	<input type="text" value="10.0"/>
			non Apartment	<input type="text" value="11.0"/>
		Industrial		<input type="text" value="9.0"/>
		Tourism		<input type="text" value="8.0"/>

Update history should be saved

A33-7

SETUP-6 Type of Valuation

code	Property type
<input type="text" value="1"/>	<input type="text" value="New valuation"/>
<input type="text" value="2"/>	<input type="text" value="Re valuation"/>
<input type="text" value="3"/>	<input type="text" value="objection"/>
<input type="text" value="4"/>	<input type="text" value="Etc_1"/>
<input type="text" value="5"/>	<input type="text" value="Etc_2"/>
<input type="text" value="6"/>	<input type="text"/>
<input type="text" value="7"/>	<input type="text"/>
<input type="text" value="8"/>	<input type="text"/>
<input type="text" value="9"/>	<input type="text"/>
<input type="text" value="10"/>	<input type="text"/>
<input type="text" value="11"/>	<input type="text"/>
<input type="text" value="12"/>	<input type="text"/>
<input type="text" value="13"/>	<input type="text"/>
<input type="text" value="14"/>	<input type="text"/>

Update history should be saved

A33-8

Land valuation

Department: Block: Year:
 City: Quarter:
 Local: **First** Category city Parcel:

Other input data
 Valuation Date
 name of owner
 rented or (owner use, not rented)
 area info source
 type of valuation (pull down menu)
 etc

'New VS' programs run independent.
 'Old VS' programs will not be changed !!
 'New VS' and 'Old VS' run parallel.

Display Data

Commercial
Residential
Industrial
Tourism

Type of Property:

Standard Value/ sq.m. Area (sq.m.) Value of Land Annual Net Value

Land X X = (x 0.06)

 A33-9

Print Valuation Record Sheet
Land

Dept_NO:
 CITY_ID:
 BLOCK_NO:
 QUARTER_ID:
 PARCEL NO: --

Valuation Record Sheet (Draft)

1. Record Number:
 2. Valuation Date:
 3. Branch Name:
 4. Municipality Name:
 5. Block Number:
 6. Quarter Number:
 7. Municipality Category:
 8. Name of Owner:
 9. Name of User:
 10. Name of Lessee:
 11. Reason for valuation:
 12. Owner and User is same:

SUBJECT	Number	Area (m2)	Area info source	Usage category
Parcel	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text" value="C"/> <input type="text" value="R"/> <input type="text" value="I"/> <input type="text" value="T"/>
Building	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text" value="C"/> <input type="text" value="R"/> <input type="text" value="I"/> <input type="text" value="A"/> <input type="text" value="T"/>
Floor	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text" value="C"/> <input type="text" value="R"/> <input type="text" value="I"/> <input type="text" value="A"/> <input type="text" value="T"/>
Plot	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text" value="C"/> <input type="text" value="R"/> <input type="text" value="I"/> <input type="text" value="A"/> <input type="text" value="T"/>

LAND

01. Adjusted Road Width:
 02. Linkage to the road:
 03. Pavement:
 04. Access to the Center of Municipality:
 05. Access to the Main Street/Road:
 06. Availability of Public Transportation:
 07. Proximity to Retail Store:
 08. Proximity to Public Facilities:
 09. Water, Electricity, Sewage, Telephone, etc:
 10. Residential Environment:
 11. Business Environment:
 12. Proximity to nuisances:
 13. Frontage:
 14. Shape of Parcel:
 15. Area of Parcel:
 16. Topography:

BUILDING

01. Building Age:
 02. Quality of Construction:
 03. Floor Location:
 04. Upkeep and Maintenance:
 05. Building Area Size:
 06. Elevator:
 07. Parking space:
 08. Location of the Building on the Site:
 09. Ceiling height:

Valuator's Name:
 Valuator's Signature:

Valuation data entry

First Category city	Residential Property	Land		
Width	<input type="radio"/> Standard	<input checked="" type="radio"/> Wide	<input type="radio"/> Narrow	
Linkage	<input type="radio"/> Standard	<input type="radio"/> Dead End		
Pavement	<input type="radio"/> Paved	<input type="radio"/> Unpaved		
Access to the Center of Municipality	<input type="radio"/> Standard	<input type="radio"/> Superior	<input type="radio"/> Inferior	
Access to the Main Street/Road	<input type="radio"/> Standard	<input type="radio"/> Superior	<input type="radio"/> Inferior	
Availability of Public Transportation	<input type="radio"/> Yes	<input type="radio"/> No		
Proximity to Retail Stores	<input type="radio"/> Standard	<input type="radio"/> Superior	<input type="radio"/> Inferior	
Water, Electricity, etc.	<input type="radio"/> Standard	<input type="radio"/> Superior	<input type="radio"/> Inferior	
Residential Environment	<input type="radio"/> Standard	<input type="radio"/> Superior	<input type="radio"/> Inferior	
Frontage	<input type="radio"/> Inferior Lot	<input type="radio"/> Comer Lot	<input type="radio"/> 2 Frontages	<input type="radio"/> 3 or 4 Frontages
Shape	<input type="radio"/> Standard	<input type="radio"/> Slightly Odd-shaped	<input type="radio"/> Odd-shaped	<input type="radio"/> Extremely Odd-shaped
Area	<input type="radio"/> Standard	<input type="radio"/> Not Standard		
Topography	<input type="radio"/> Standard	<input type="radio"/> Not Standard		

.....

Save

A33-11

Land valuation

Department	<input type="text" value="6"/>	<input type="text" value="Ramallah"/>	Block	<input type="text" value="10"/>	Year	<input type="text" value="2016"/>
City	<input type="text" value="60001"/>	<input type="text" value="Ramallah"/>	Quarter	<input type="text" value="0"/>		
Local	<input type="text" value="60001"/>	First Category city	Parcel	<input type="text" value="106"/>		

Find

Building Land

Display Data

Commercial
Residential
Industrial
Tourism

Type of Property:

Get Standard value

Matrix value Data entry

automatic calculation

Standard Value/ sq.m.	Area (sq.m.)	Value of Land	Annual Net Value
Land 9	X 1,820	X 0.92 = 15,069.60	904.18

(x 0.06)

A33-12

Valuation data entry

First Category city **Residential** Property **Building**

Building	Building Age	<input type="radio"/> Standard(2000-)	<input checked="" type="radio"/> Old	<input type="radio"/> Extremely Old			
	Quality of construction	<input type="radio"/> Standard	<input type="radio"/> Superior	<input type="radio"/> Inferior			
	Floor Location	<input type="radio"/> Ground Floor(0)	<input type="radio"/> -1 or Below	<input type="radio"/> 1	<input type="radio"/> 2	<input type="radio"/> 3 or above	<input type="radio"/> Roof
	Upkeep and Maintenance	<input type="radio"/> Standard	<input type="radio"/> Superior	<input type="radio"/> Inferior			
	Building Area	<input type="radio"/> Standard	<input type="radio"/> Not Standard				
	Elevators	<input type="radio"/> Available	<input type="radio"/> Not Available				
	Parking space	<input type="radio"/> Available	<input type="radio"/> Not Available				
	Location of the Building on the Site	<input type="radio"/> Standard	<input type="radio"/> Good	<input type="radio"/> Bad			

Save

A33-15

Building valuation

Department	<input type="text" value="6"/>	<input type="text" value="Ramallah"/>	Block	<input type="text" value="10"/>	Year	<input type="text" value="2016"/>
City	<input type="text" value="60001"/>	<input type="text" value="Ramallah"/>	Quarter	<input type="text" value="0"/>		
Local	<input type="text" value="60001"/>	First Category city	Parcel	<input type="text" value="106"/>		

Find

Building

Land

Display Data

Flat Seq	<input type="text" value="105"/>	Building No	<input type="text" value="10"/>	Floor No	<input type="text" value="2"/>	Flat No	<input type="text" value="4"/>
<div style="border: 1px dashed red; padding: 5px;"> <ul style="list-style-type: none"> Commercial Resident (Apartment) Resident (Non-Apartment) Industrial Tourism </div>		Type of Property	<input type="text" value="Commercial"/>	Get Standard value	Matrix value Data entry	automatic calculation	
Standard Value/ sq.m.	<input type="text" value="14"/>	Area (sq.m.)	<input type="text" value="90.00"/>	Value of Building	<input type="text" value="1,285.20"/>	Annual Net Value	<input type="text" value="1028.16"/>
Building	x	x	x	=	(x 0.80)		

A33-16

Valuation Record Sheet (Draft)

1. Record Number	<input type="text"/>	5. Block Number	<input type="text"/>	9. Name of User	<input type="text"/>
2. Valuation Date	<input type="text"/>	6. Quarter Number	<input type="text"/>	10. Name of Lessee	<input type="text"/>
3. Branch Name	<input type="text"/>	Municipality Category	<input type="text"/>	11. Reason for Valuation	<input type="text"/>
4. Municipality Name	<input type="text"/>	8. Name of Owner	<input type="text"/>	12. Owner and User is same	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Vacant

SUBJECT	Number	Area (m2)	Area info source	Usage category
Parcel	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/> = C = R = I = T
Building	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/> = C = R=In = R=Act = I = T
Floor	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/> = C = R=In = R=Act = I = T
Flat	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/> = C = R=In = R=Act = I = T

LAND

01. Adjunct Road Width	= Standard = Wide = Narrow
02. Linkage to the road	= Normal = Dead End
03. Pavement	= Asphalt paved = Unpaved
04. Access to the Center of Municipality	= Standard = Superior
05. Access to the Main Street/Road	= Standard = Superior
06. Availability of Public Transportation	= Yes = No
07. Proximity to Retail Store	= Standard = Superior
08. Proximity to Public Facilities	= Standard = Superior
09. Water, Electricity, Sewage, Telephone, etc	= Standard = Superior = Inferior
10. Residential Environment	= Standard = Superior = Inferior
11. Business Environment	= Standard = Superior = Inferior
12. Proximity to Nuisances	= Unaffected = Affected
13. Frontage	= Interior Lot = Corner Lot = Two Frontages = More than three Frontages
14. Shape of Parcel	= Square = Slightly Odd-shape = Odd-shaped = Extremely Odd-shape
15. Area of Parcel	= Standard = Not Standard
16. Topography	= Standard = Not Standard

BUILDING

01. Building Age	= Standard = Old = Extremely Old
02. Quality of Construction	= Standard = Superior = Inferior
03. Floor Location	= 0 = 1st below = 1 = 2 = 3 = Roof
04. Upkeep and Maintenance	= Standard = Superior = Inferior
05. Building Area Size	= Standard = Not Standard
06. Elevator	= Not Available = Available
07. Parking Space	= Available = Not Available
08. Location of the Building on the Site	= Standard = Superior = Inferior
09. Ceiling Height	= Standard = Superior = Inferior

Valuator's Name

Valuator's Signature

A33- 17

END

2015/11/25

•add 'Annual Net Value' to P8, P11, P12, P15

A33-19

GDPT J-PVP's Action Plan for 'Initializing GIS¹ for GDPT'			
Purpose	To enhance technical capacity of valuers on GIS through initializing GIS in valuation activities of GDPT		
Specifications	a) Parameters: necessary data for valuation and other information (to be determined). b) Map data including shapefiles of buildings, parcels, blocks/quarters, physical plan (if available) and others. c) Raster data including aerial photography and block maps (if not digitalized). d) Visualization and retrieval of a) to c).		
Target Area	Beitounia municipality.		
Organizational arrangement	a) Management Unit: GIS Working Group in GDPT TDMMU Head: Director General Member: Head of IT Dept., Valuation Dept., and GDPT GIS team as below. b) Production Unit: GDPT GIS team Head: GIS Engineer assisted by Valuation Standards Facilitator (J-PVP) Member: GIS Assistant(J-PVP), Database Assistant(J-PVP) and Valuers. c) Support Unit: IT Department, Valuation Department, and others.		
Development partners	MoLG ² , PLA, Municipalities, Notary public, Electric company, relevant organizations and individuals.		
Work place(s)	GDPT (base station), MoLG, Municipalities.		
Tentative Timeframe	At least 36 weeks in total a) Planning Stage 1 week b) Preparation Stage 3 weeks c) Digital Imaging Creation Stage 12 weeks d) GeoDatabase Integration Stage 12 weeks e) Examination Stage 2 weeks f) Modification Stage 2 weeks g) Pilot Action Compilation Stage 4 weeks		
Inputs	GDPT	JICA	
	(1) Letter of Intent	(1) Human resources	
	An official note to be issued by GDPT addressing to JICA with cc to JICA Project Office which outlines basic institutional arrangements including organizational and budgetary setting-up to be required for the establishment, operation and management of a GIS unit or equivalent entity within GDPT's organizational structure.	JICA Expert	1
		GIS Engineer ³	1
		GIS Assistant	2
		(2) Equipment	
		Desktop PC with 2 monitors	6 ⁴
		External Hard Disk	6
		ArcGIS	6
	AutoCAD	6	
MS Office	6		
Adobe CS	6		
(2) Human resources	Laser Measure	5	
Valuers with basic operation skills to use PC and Ms-office 2			
(3) Office space for production unit.			

¹ 'Initializing GIS' can be defined as a module which is created to start developing GDPT-GIS focusing on a field of valuation activity with a wishful intention of expanding it little by little in the future for Palestine.

² Relevant works related to exchange of data with MoLG and PLA is of significant importance for attaining the purpose. Such works involve exchange of views on data for elaborating data for the purpose set as above.

³ GIS Engineer shall be assisted by the Valuation Standards Facilitator (VSF). Yet VSF is not listed in the above item 'Human Resources' as VSF will work as overall facilitation.

⁴ A total quantity with 6 is accounted for 1 for VSF, 1 for GIS engineer, 2 for GIS assistants and 2 for valuers, while the number of laser measure is 5 excluding one for VSF.

Main Procedures

- a) Planning Stage:
 - 1) Evaluation and finalization of this action plan.
 - 2) Specification/Needs determination and finalization.
 - 3) Monitoring of proceedings.
 - 4) Other decision-makings.

- b) Preparation Stage:
 - 1) Set up working environment.
 - 2) Acquire existing physical plan, existing GIS data, block maps and others.
 - 3) Digitalize 2) if not digitalized.
 - 4) Place 2) with geophysical coordinates.

- c) Digital Imaging creation:
 - 1) Creation of base map.
 - 2) Creation of block / quarter shape-files.
 - 3) Creation of parcel shapefiles.
 - 4) Creation of building shapefiles.
 - 5) Creation of other necessary shapefiles.
 - 6) Examination of basemap and shapefiles.

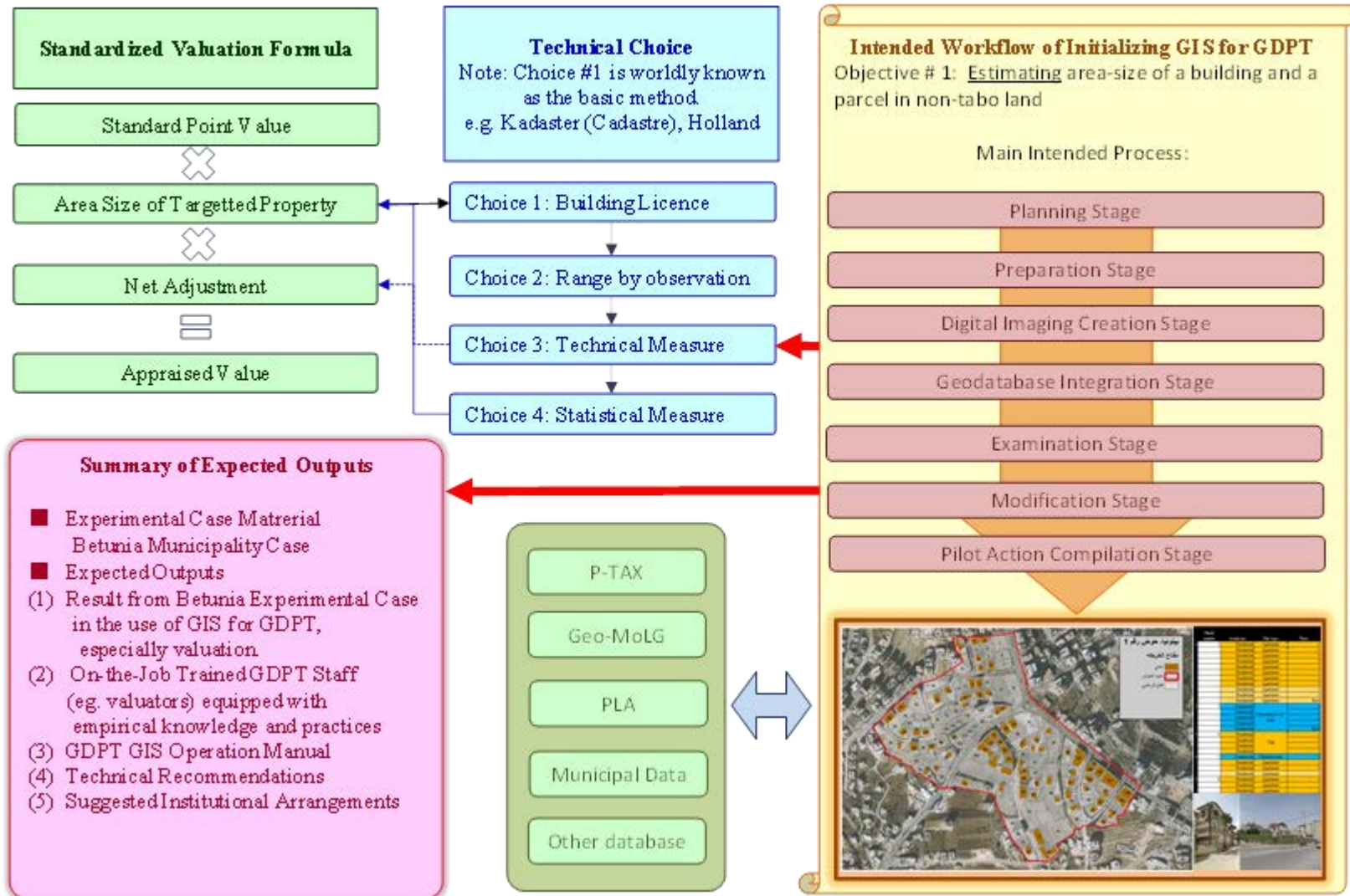
- d) GeoDatabase creation:
 - 1) Creation of serial ID code for GeoDatabase attribute table.
 - 2) Transfer and examination of attributes from GDPT database.
 - 3) Extraction of building area readings.
 - 4) Creation of analyses tools.
 - 5) Examination of GeoDatabase.

- e) Examination Stage:
 - 1) Error checks, faults extraction and correction.
 - 2) Operation manual drafting.
 - 3) Presentation to Management Unit.
 - 4) Acquire demand for modification.

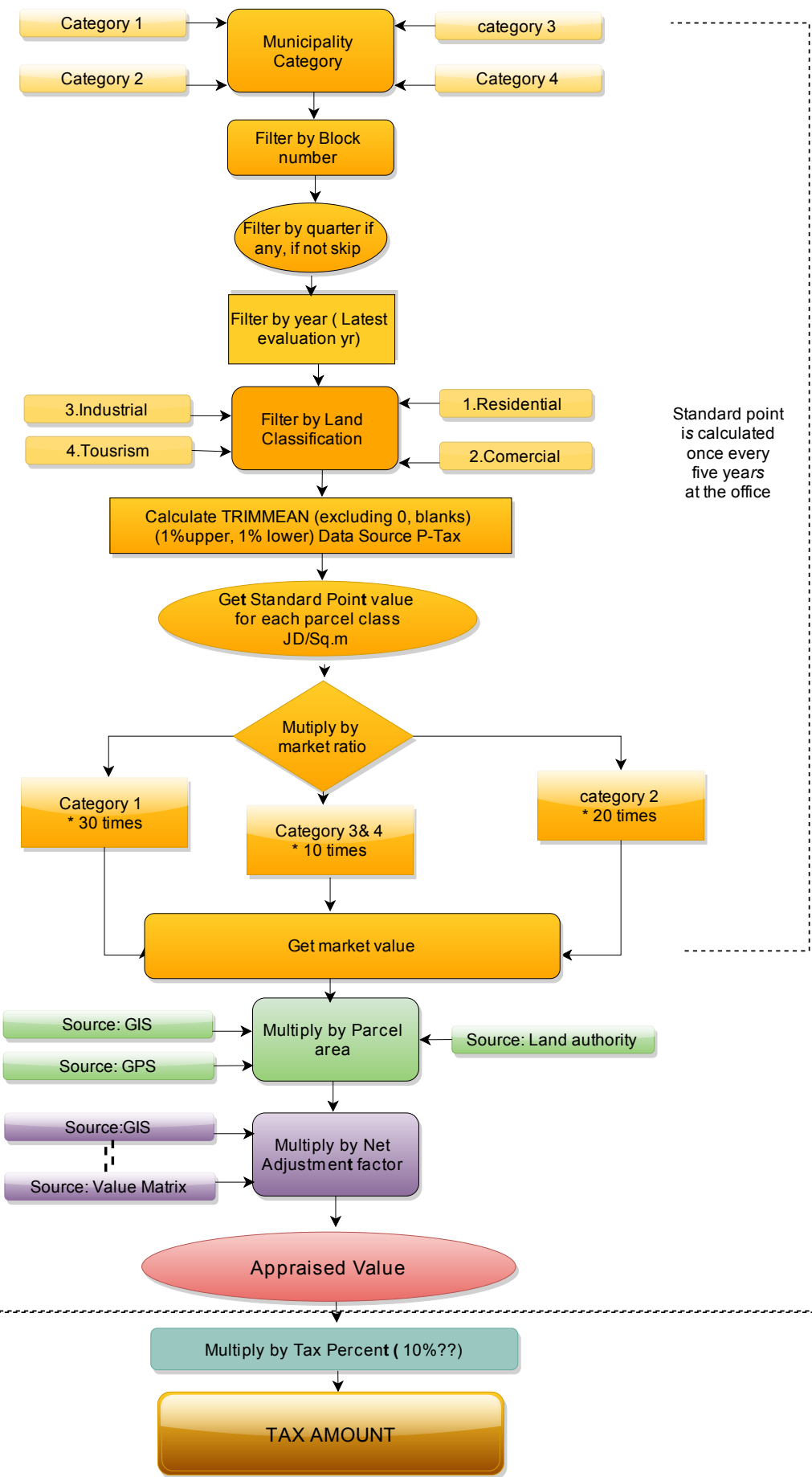
- f) Modification Stage:
 - 1) Modification of the system according to e 4).

- g) Pilot Action Compilation Stage:
 - 1) Training for Valuators.
 - 2) GIS Operation manual finalization.
 - 3) Preparation of technical recommendations for planning an action for dissemination

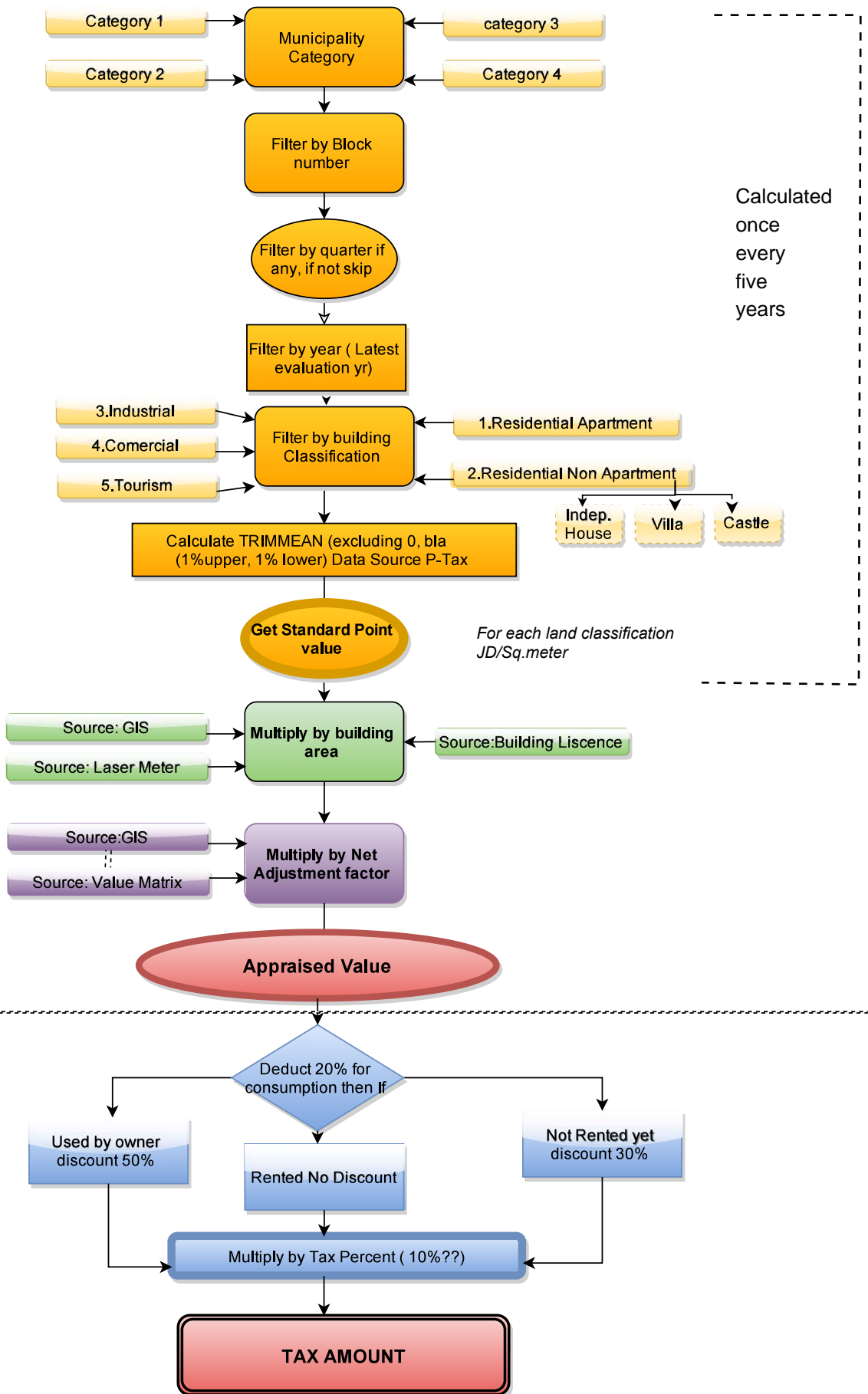
Illustrated Diagram of a Scope of Work for 'Initializaing GIS for GDPT' in the Operationalization of Valuation Standards



Parcel Valuation Process



Building Valuation Process





Ministry of Finance
General Directorate of Property Tax
GDPT



The Incorporation of GIS\GPS Techniques
Within the Framework of the
Enhanced Property Valuation System in Palestine

Diagnostic Report

Jamal NUMAN

Tuesday, August 23, 2016

Diagnostic Report_Property Valuation System in Palestine_JICA_GDPT_Jamal NUMAN_11.docx

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1 Introduction

For the purpose of the JICA-Palestine Valuation Project (J-PVP) addressed to the General Directorate for Property Tax (GDPT) that aims at improving the current financial system, Betonia, within the boundary of the approved urban master plan, is selected as pilot area as shown in Figure 1.

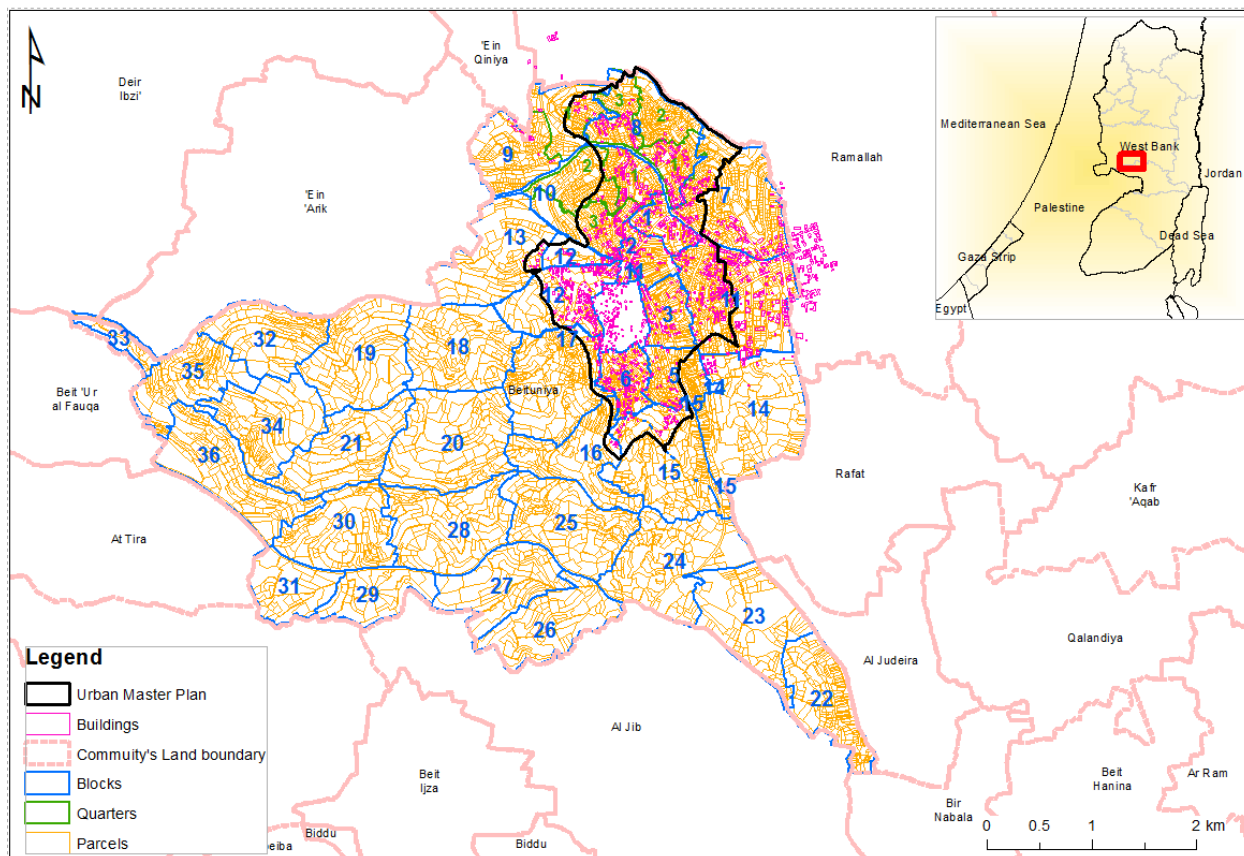


Figure 1: Pilot area

The entire area of Betonia lands is about 23 km where the area of its urban master plan is about 4 km². Table 1 includes important information about its cadaster and improvements structure

Item	Total	Inside Urban Master Plan	Outside Urban Master Plan
Number of blocks		37	19
Number of parcels		3,061	3,640
Number of buildings		1800	323
Number of units (flats)		14,000	4,208
Number of parcel owners		8,708	2,203
Number of buildings owners			
Number of units (flats) owners		12,431	4,637

Table 1: Cadaster structure, improvements and owners in Betonia.

In the same context, it should be kept in mind that the findings of JPVP in Betonia are intended to be disseminated at the national level. The table below gives some idea about the data size at the level of West Bank.

Item	Number of Records in PTAX
Parcels	810,803

Parcels' Owners	473,772
Parcels' Tax Payers	353,676
Estimated Parcels	262,692
Units (Estimated) in PTAX	262,656
Buildings	179,814
Units' Owners (the owner is also the tax payer)	129,293

Table 2: Cadaster structure, improvements and owners in West Bank.

2 GeoPTAX

Within the scope of J-PVP, it is aimed to develop the GeoPTAX application in order to bridge the gap between the spatial and tabular data and thus to better understand patterns about property valuation and taxation data including all its relevancies. At the present, efforts are exerted to achieve the following:

1. Empowering valuers with visual spatial context regarding the data (parcels\buildings) traditionally accommodated in tabular fashion with no locational dimension (Beta version of GeoPTAX is available by now). The direct advantages are:
 - a. The spatial component provides mature insight and portrays patterns that are hidden within the table format
 - b. The GIS\GPS integration delivers proper tool for the valuers to better identify locations of properties while working in the field (3G is assumed to be available by next July)
 - c. Marking the buildings\units that are under construction to give them priority for visit in the next year. GeoPTAX can highlight these buildings\units and propose plan for visit.
2. Developing the PTAX database to better respond to the JPVP approach to estimate sale and rent values by adding new fields and relations.
3. The GeoPTAX enables displaying the sale\rent values obtained from the PTAX database and JPVP in terms of maps and thus sale\rent values are linked with their features in the ground that provides an exceptional opportunity to double check the estimated values for lands and buildings.
4. The GeoPTAX offers a good way to identify lands\buildings that are physically existing on the reality but have no records in the PTAX database. On other words, GeoPTAX guarantees that there are no missing taxable entities, and thus tax cannot be avoided. However, this depends on the availability of recent orthophoto with high resolution (10 cm)
5. In addition to the JPVP approach to estimate the sale\rent values, the two methods below can be considered to avoid heavy data entry particularly when it comes to lands
 - a. GIS with Statistical method such as Multiple Regression Analysis (MRA)
 - b. GIS with Artificial method such as Neural Network (ANN)

3 Taxation formula: PTAX and J-PVP

In this section, it is intended to compare between the taxation formulas applied in the PTAX and J-PVP. However, the difference refers to methods by which the sale\rent values are estimated but not the taxation formula itself.

According to the PTAX, taxation equation for **lands** is written as below:

$$T_p = 10\% * 6\% * S * A \quad (1)$$

Where T_p is the taxation value for a parcel (p) in JD, 10% is the taxation percent out of the rent value of the land, 6% is the percent that is multiplied by the sale value of land (JD/m²) to produce the net rent value (*Net Rent value for a parcel* = 6% * S), S is the **sale** (market) value of the land in JD/m² and A is the area of the land.

In return, the PTAX taxation equation for **buildings** is expressed as below:

$$T_u = 17\% * 80\% * E * R \quad (2)$$

Where T_u is the taxation value for a unit (u) in a building in JD, 17% is the taxation percent out of the net rent value of a unit, 80% is a percent multiplied by the rent value to obtain the net rent value (20% is deducted for maintenance), E is a factor that takes care of the occupants of unit (u); if the unit is occupied by the owner, then E=50%, if u is rented, then E=100%, if the unit is vacant, then E=70%, R is the **rent** value for the unit in JD/year.

According to JPVP approach, the **land** taxation equation is formulated as below

$$T_p = 10\% * 6\% * K * M * S * A \quad (3)$$

Where T_p is the taxation value for a parcel (P) in JD, 10% the taxation percent out of the rent value of the land, 6% is the percent that is multiplied by the sale value of land (JD/m²) to obtain the rent value (*Rent value for a parcel* = 6% * S), K is a coefficient that accounts for parcel characteristics (location, utilities, etc.) and can be obtained by multiplying the k coefficient of each variable ($K=k_1*k_2*...k_n$) as shown in Table 3 (the values of K for residential areas ranges from 0.45 to 1.2), M is a constant that considers the classification of the municipality: if the classification of the municipality is grade 1, then M=30, if the classification is grade 2 then M=20, if the classification is Grade 3 or 4 then M=10, S is the trim average of the **sale** values stored in PTax of all parcels of similar land use contained within the same block\quarter in JD/m² and A is the area of the land. Mathematically, S can be expressed as below:

$$S = \frac{\sum_{l=1}^n S_{lij}}{n} \quad (4)$$

Where s_{lij} is the sale value (stored in the PTAX database) for the l^{th} parcel with i^{th} land use in the j^{th} block (or quarter if any), and n is the number of parcels in the j^{th} block (or quarter if any) with same land use.

Initially, it should be indicated that M value has calculated by converting the sale values stored in the ledger of GDPT to their actual values in the real market. Mathematically, it can be expressed as follows:

$$M = \frac{\sum_{l=1}^n \left(\frac{S_{ai}}{S_{ri}} \right)}{n} \quad (5)$$

Where, S_{ai} is the actual sale value of i^{th} parcel, S_{ri} is its corresponding sale value stored in the registered

Category	Variable	Class	Coefficient (k)				
			Residential	Commercial	Industrial	Tourism	
Road	1	Width (k1)	Standard	1	1	1	1
			Wide	1.02	1.02	1.02	1.02
			Narrow	0.98	0.98	0.98	0.98
	2	Linkage (k2)	Standard	1	1	1	1
			Dead End	0.95	0.95	0.95	0.95
	3	Pavement (k3)	Paved	1	1	1	1

		Unpaved	0.98	0.98	0.98	0.98
Access	4	Access to the Center of Municipality (k4)	Standard	1	1	1
		Superior	1.02	1.02	1.02	1.02
5	5	Access to the Main Street/Road (k5)	Standard	1	1	1
		Superior	1.02	1.02	1.02	1.02
6	6	Availability of Public Transportation (k6)	Yes	1	1	1
		No	0.9	0.9	0.9	0.9
7	7	Proximity to Retail Stores (k7)	Standard	1	1	1
		Superior	1.02	1.02	1.02	1.02
8	8	Proximity to Public Facilities (k8)	Standard	1	1	1
		Superior	1.02	1.02	1.02	1.02
9	9	Water, Electricity, Sewage, Telephone, etc. (k9)	Standard	1	1	1
		Superior	1.05	1.05	1.05	1.05
		Inferior	0.95	0.95	0.95	0.95
10	10	Residential Environment (k10)	Standard	1	1	1
		Superior	1.02	1.02	1.02	1.02
		Inferior	0.98	0.98	0.98	0.98
11	11	Commercial Environment (k11)	Standard			
		Superior				
		Inferior				
12	12	Proximity to Nuisances (k12)	Unaffected	1	1	1
		Affected	0.95	0.95	0.95	0.95
13	13	Frontage (k13)	Interior Lot	1	1	1
		Corner Lot	1.02	1.02	1.02	1.02
		2 Frontages	1.01	1.01	1.01	1.01
		3 or 4 Frontages	1.03	1.03	1.03	1.03
14	14	Shape (k14)	Standard	1	1	1
		Slightly Odd-shaped	0.95	0.95	0.95	0.95
		Odd-shaped	0.85	0.85	0.85	0.85
		Extremely Odd-shaped	0.7	0.7	0.7	0.7
		Standard	1	1	1	1
15	15	Area (k15)	Not Standard	0.9	0.9	0.9
		Standard	1	1	1	1
16	16	Topography (k16)	Standard	1	1	1
		Not Standard	0.9	0.9	0.9	0.9

Table 3: K-coefficient that takes care of parcel characteristics such as location, topography and utilities.

Factors	Land	Options	Category 1				Category 2				Category 3				Category 4			
			Residential	Commercial	Industrial	Tourism	Residential	Commercial	Industrial	Tourism	Residential	Commercial	Industrial	Tourism	Residential	Commercial	Industrial	Tourism
Road width	Standard	Wide	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		Narrow	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.01	1.01	1.01	1.02	1.01	1.01	1.01	1.01	1.01
		Narrow	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.99	0.99	0.99	0.98	0.99	0.99	0.99	0.99
Frontage	Interior Lot	Corner Lot	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		Two Frontages	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.01	1.01	1.02	1.02	1.02	1.01	1.01	1.02
		More than three Frontages	1.01	1.01	1.01	1.01	1.01	1.01	1.01	1.01	1.01	1.01	1.01	1.01	1.01	1.01	1.01	1.01
		More than three Frontages	1.03	1.03	1.03	1.03	1.02	1.03	1.02	1.03	1.02	1.03	1.01	1.03	1.02	1.03	1.01	1.03
Location	Standard	Superior	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		Inferior	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.01	1.01	1.01	1.01	1.01	1.01	1.01	1.01	1.01
		Inferior	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99
Shape of Parcel	Standard	Not Standard	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		Not Standard	0.85	0.85	0.85	0.85	0.90	0.90	0.90	0.90	0.90	0.90	0.95	0.90	0.90	0.95	0.90	
Topography	Standard	Not Standard	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		Not Standard	0.90	0.90	0.90	0.90	0.92	0.92	0.95	0.92	0.95	0.95	0.97	0.95	0.95	0.95	0.97	0.95

In return, the taxation equation is written as below:

$$T_u = 17\% * 80\% * E * K * R * A \tag{6}$$

Where T_u is the taxation value for a unit (u) in a building in JD, 17% is the taxation percent out of the net rent value of a unit, 80% is a percent multiplied by the rent value to obtain the net rent value (20% is deducted for maintenance), E is a factor that takes care of the occupants of unit (u); if the unit is occupied by the owner, then E=50%, if u is rented, then E=100%, if the unit is vacant, then E=70%, K is a coefficient that accounts for building characteristics (location, condition,

utilities, etc.) and can be obtained by multiplying the k coefficient for each variable ($K=k_1*k_2*...k_n$) as shown in Table 4, R is the trim average of the **rent** values (stored in PTAX) of all units of similar land use in same block\quarter in JD/m², A is the area of the unit. Mathematically, R can be expressed as below:

$$R = \frac{\sum_{u=1}^n r_{uij}}{n} \tag{7}$$

Where r_{uij} is the rent value (stored in the PTAX database) for the u^{th} unit with i^{th} use in the j^{th} block (or quarter if any), and n is the number of units in the j^{th} block (or quarter if any) with same land use.

Variable	Class	Coefficient (k)			
		Residential	Commercial	Industrial	Tourism
1 Building Age (k1)	Standard	1	1	1	1
	Old	0.9	0.9	0.9	0.9
	Extremely Old	0.8	0.8	0.8	0.8
2 Quality of Construction (k2)	Standard	1	1	1	1
	Superior	1.05	1.05	1.05	1.05
	Inferior	0.95	0.95	0.95	0.95
3 Floor level (k3)	Ground Floor (0)	1	1		1
	-1 or below	0.95	0.95		0.8
	1	0.95	1		0.9
	2	0.95	1		0.8
	3 or above	1.05	1.05		0.7
4 Upkeep and Maintenance (k4)	Standard	1	1	1	1
	Superior	1.02	1.02	1.02	1.02
	Inferior	0.98	0.98	0.98	0.98
5 Building Area (k5)	Standard	1.1	1	1	1
	Not Standard	1	0.9	0.9	0.9
6 Elevator (k6)	Available	1.1	1.1	1.1	1.1
	No Available	1	1	1	1
7 Parking Space (k7)	Available	1	1	1	1
	No Available	0.95	0.9	0.9	0.9
8 Location of the Building on the Site (k8)	Standard	1	1	1	1
	Good	1.05	1.05	1.05	1.05
	Bad	0.95	0.95	0.95	0.95
9 Ceiling Height (k9)	Standard		1	1	1
	High		1.05	1.05	1.05
	Low		0.95	0.95	0.95

Table 4: K-coefficient that takes care of building characteristics such as location, condition and utilities.

Factors	Options	Category 1				Category 2				Category 3				Category 4			
		Residential	Commercial	Industrial	Tourism	Residential	Commercial	Industrial	Tourism	Residential	Commercial	Industrial	Tourism	Residential	Commercial	Industrial	Tourism
Building	Options																
Building Age	Standard	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	Old	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90
	Extremely Old	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80
Quality and Condition	Standard	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	Superior	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05
	Inferior	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
Floor Location	0	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	-1 or below	0.95	0.80	1.00	0.80	0.95	0.90	1.00	0.90	0.97	0.90	1.00	0.90	0.97	0.90	1.00	0.90
	1	1.00	0.90	1.00	0.90	1.00	0.95	1.00	0.95	1.00	0.95	1.00	0.95	1.00	0.95	1.00	0.95
	2	1.00	0.80	1.00	0.80	1.00	0.90	1.00	0.90	1.00	0.90	1.00	0.90	1.00	0.90	1.00	0.90
	3 or above	1.05	0.70	1.00	0.70	1.03	0.80	1.00	0.80	1.02	0.85	1.00	0.85	1.02	0.85	1.00	0.85
	Roof	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Services	Standard	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	Superior	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02
	Inferior	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98
Elevator	Available	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10
	Not Available	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Apparently, the current PTAX database need to be enhanced to include information about unit area and unit use.

3.1 Example 1

Calculate the taxation value levied on parcel#10, block # 1 Betonia shown in Figure 2 according to the current approach.

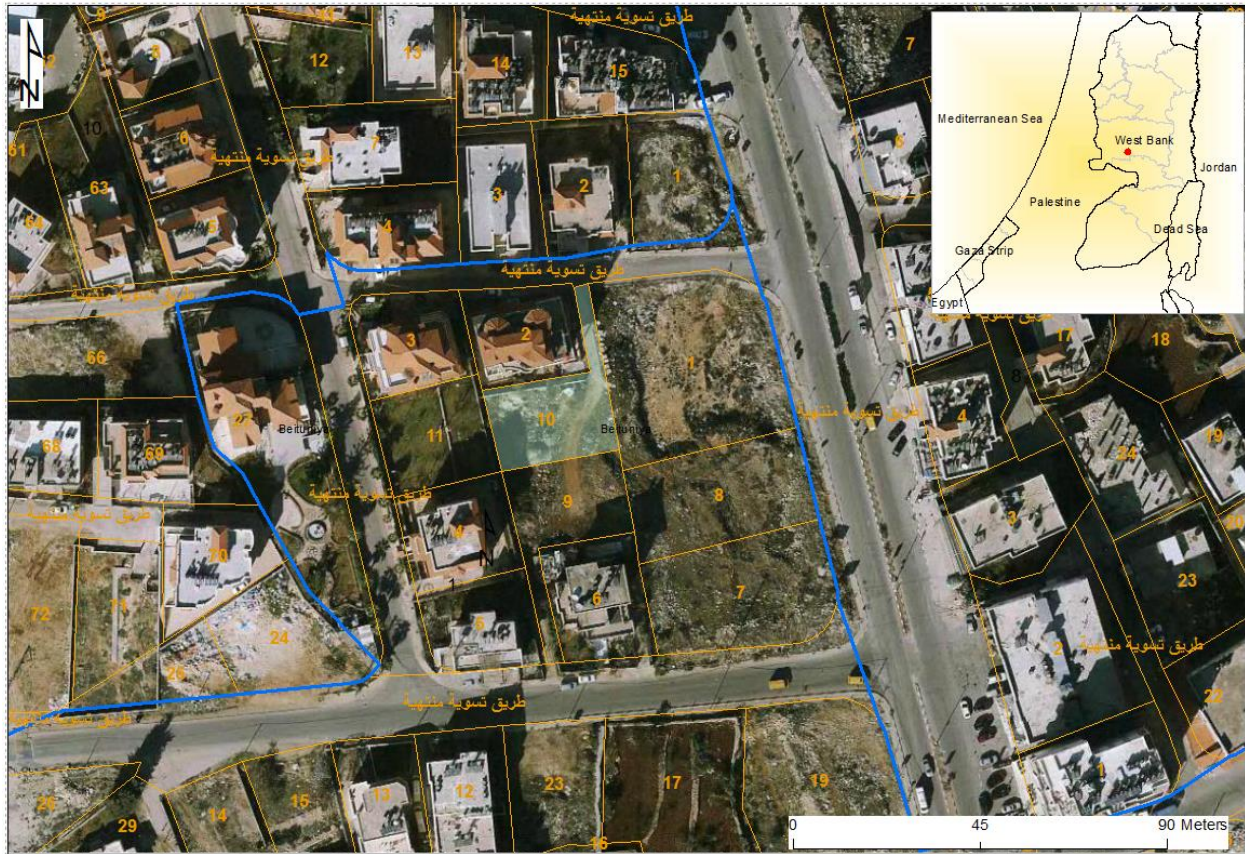


Figure 2: location of parcel number 10, block number 1 in Betonia.

Solution

The area of the parcel #10 (Figure 3): is **654 m²**

The sale value is **6 JD/m²**

The total sale price of the parcel = $6 \times 654 = \mathbf{3,924 \text{ JD}}$

The rent value of the parcel = $6\% \times 3924 = \mathbf{235 \text{ JD}}$

The taxation value of the parcel = $10\% \times 235 = \mathbf{23 \text{ JD}}$

الأظمة الرئيسية -- خريطة الاملاك -- التخمين -- السجلات -- تخمين خريطة الاملاك

معلومات من السجل

المكتب: 6 دائرة ضريبة أطلاق رام الله و البيرة
 المدينة / القرية: 60003 بيتونيا
 المحلة: 60015 تسوية بيتونيا
 الحوض: 1 المنطار ويتر الشمساس

الحج: 0
 رقم القطعة: 10
 الرقم السابق: 19/5
 المساحة: 654

سجلات التخمين: 0
 الحالة: فعال
 نوع التسجيل: 2

الأيقونة

لمشاهدة إجمالي قيم التخمين للسنوات (CTRL+H)

تخمين الأرض | تخمين البناء | تخمين البناء الاخير

السنة: 2010
 المساحة متر المربع: 654
 سعر المتر: 6.00
 قيمة الأرض: 3924
 تخمين الأرض: 235
 ملاحظات:

المالكين

رقم المالك	اسم المالك	حصة المالك	حصة المالك /طابو
12852	خليل اسعد خليل العمري	1	1/3
14532	راسم اسعد خليل العمري	1	1/3
41612	صوفى اسعد خليل العمري	1	1/3

الحالة: فعال
 مجموع التخصيص: 3
 ملاحظات:

Figure 3: Sale value and estimated valuation for parcel number 10, block number 1 in Betonia in 2010.

As the parcel is owned by three, then the taxation value is divided by three

Taxation per owner = $23/3 = 7.8 \text{ JD}$

المعلومات عن المكلف

المكتب: 6 دائرة ضريبة أطلاق رام الله و البيرة
 المالك: 12852 خليل اسعد خليل العمري
 المدينة: 60003 بيتونيا

سجل الضريبة

الحوض	الحي	القطعة	البنية	الشقة	الطابق	السنة	قيمة التخمين	قيمة الضريبة	المبلغ المدفوع	الخصم	الغرامة	اشجار	الإهفاء	المعلنة	الديون	المجموع مدفوع
1	0	10				2015	78.333	7.833	7.833	0	0	0	0	0	7.833	
1	0	9				2015	80.333	8.033	8.033	0	0	0	0	0	8.033	
1	0	9				2014	80.333	8.033	6.426	0	0	0	0	0	8.033	
1	0	10				2014	78.333	7.833	6.266	0	0	0	0	0	7.833	
1	0	10				2013	78.333	7.833	6.266	0	0	0	0	0	7.833	
1	0	9				2013	80.333	8.033	6.426	0	0	0	0	0	8.033	
1	0	9				2012	80.333	8.033	6.426	0	0	0	0	0	8.033	
1	0	10				2012	78.333	7.833	6.266	0	0	0	0	0	7.833	
1	0	10				2011	78.333	7.833	8.616	0	0.783	0	0	0	8.616	
1	0	9				2011	80.333	8.033	8.836	0	0.803	0	0	0	8.836	
1	0	10				2010	78.333	7.833	9.4	0	1.567	0	0	0	9.4	
1	0	9				2010	80.333	8.033	9.64	0	1.607	0	0	0	9.64	
المجموع																
99.956																
0.000																
0.000																
0.000																
4.760																
0.000																
90.434																
95.196																

تسلسل الشقة

ملاحظات: تحقق سنة 2015

قائمة الوظائف الرئيسية

1- إستعراض الإيمالات.
 2- المبالغ المطلوبة تفصيلي.
 3- المبالغ المطلوب اجمالي.
 4- المكلف و خصم المالكين.

Figure 4: Taxation values imposed on parcel number 10 block number 1 in Betonia in 2010 and other years. The tax is equally distributed on three owners.

3.2 Example 2

Calculate the taxation value levied on parcel#10, block # 1, Betonia shown in Figure 6 according to the JPVP approach.

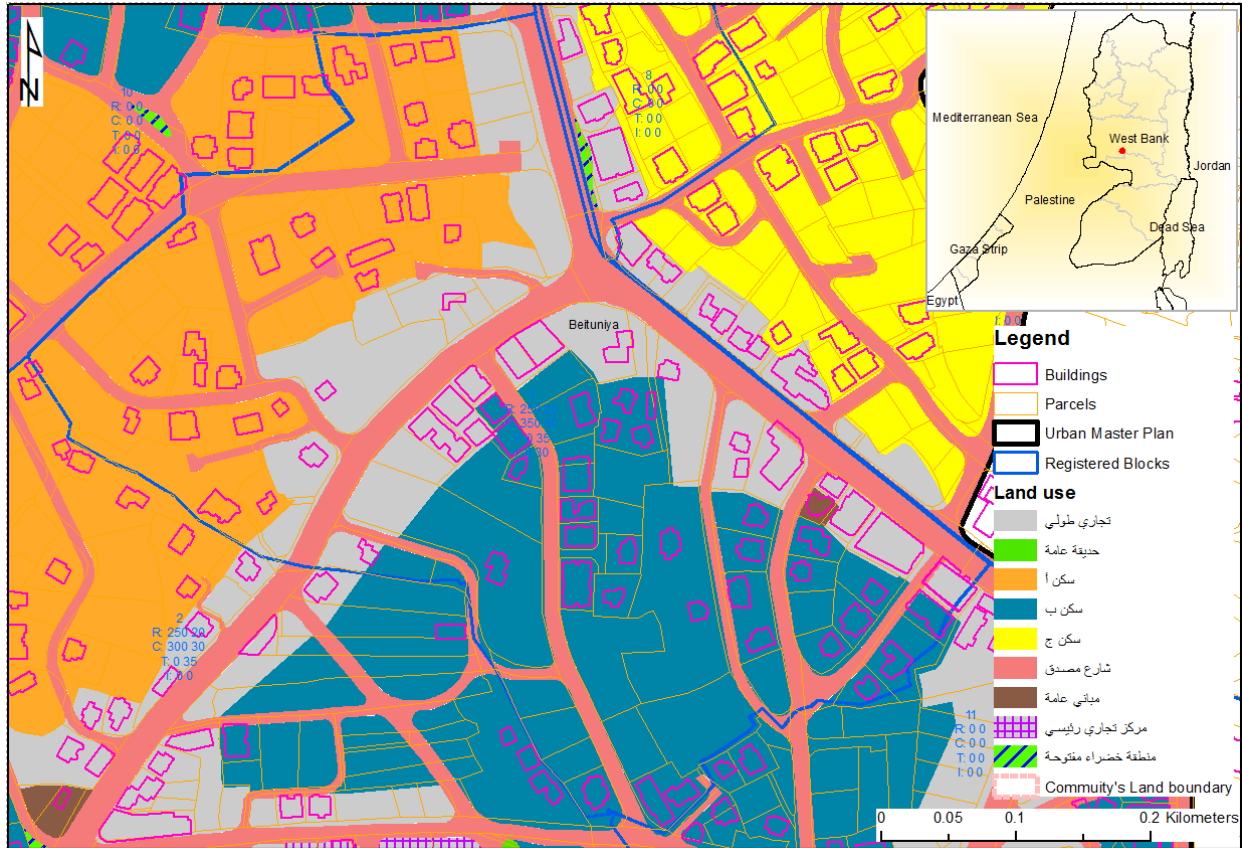


Figure 5: The land use in block one according to the urban master plan of Betonia

Table 6 below shows how the data of parcels is tabulated in the Oracle database

PARCEL_NO	BLOCK_NO	CommunityName	EST_YEAR	EST AREA	EST_METER_PRICE	EST_PARCEL_VALUE
1	1	Beituniya	2010	1768	7	12376
7	1	Beituniya	2010	1135	7	7945
8	1	Beituniya	2010	998	7	6986
9	1	Beituniya	2010	669	6	4014
10	1	Beituniya	2010	654	6	3924
11	1	Beituniya	2010	642	6	3852
14	1	Beituniya	2010	776	6	4656
15	1	Beituniya	2010	730	6	4380
17	1	Beituniya	2010	2617	6	15702
19	1	Beituniya	2010	2435	7	17045
23	1	Beituniya	2010	705	6	4230
24	1	Beituniya	2010	790	6	4740
26	1	Beituniya	2010	1277	6	7662
30	1	Beituniya	2010	921	6	5526
31	1	Beituniya	2010	1010	6	6060
32	1	Beituniya	2010	885	6	5310
35	1	Beituniya	2010	2749	7	19243
36	1	Beituniya	2010	1183	6	7098

38	1	Beituniya	2010	568	6	3408
41	1	Beituniya	2015	2383	6	14298
43	1	Beituniya	2010	2000	7	14000
47	1	Beituniya	2010	790	6	4740
53	1	Beituniya	2010	562	6	3372
58	1	Beituniya	2010	976	6	5856
62	1	Beituniya	2015	938	6	5628
63	1	Beituniya	2015	1919	6	11514
65	1	Beituniya	2015	815	7	5705
66	1	Beituniya	2010	1000	6	6000
67	1	Beituniya	2010	3602	5	18010
68	1	Beituniya	2010	409	6	2454
71	1	Beituniya	2010	1000	6	6000
72	1	Beituniya	2013	8000	7	56000
78	1	Beituniya	2012	3661	6	21966
79	1	Beituniya	2010	816	6	4896
80	1	Beituniya	2013	1201	6	7206
81	1	Beituniya	2010	3947	6	23682
82	1	Beituniya	2010	1134	6	6804
83	1	Beituniya	2010	1231	6	7386
89	1	Beituniya	2015	1743	7	12201
96	1	Beituniya	2010	744	6	4464
98	1	Beituniya	2010	956	6	5736
99	1	Beituniya	2010	6000	6	36000
109	1	Beituniya	2010	1326	6	7956
115	1	Beituniya	2015	1014	6	6084
121	1	Beituniya	2013	707	7	4949
122	1	Beituniya	2013	707	7	4949

Table 5: Tabular data for parcels in block number 1 in Betonia

3.3 Example 3

Calculate the taxation value levied on building#0, parcel#13, block # 1 Betonia shown in Figure 6 according to the PTAX approach.

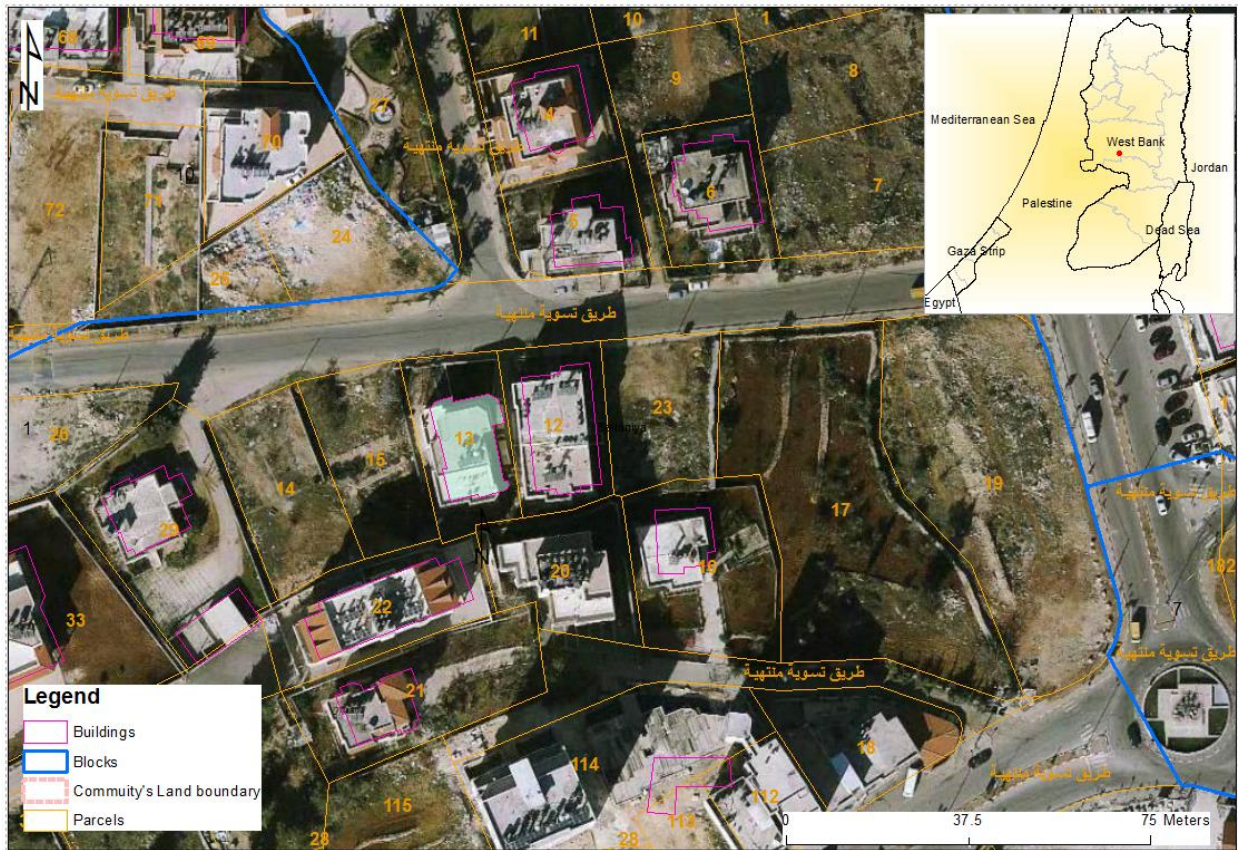


Figure 6: location of building #zero constructed in parcel number 13, block number 1 in Betonia

The building#0 has two floors

The ground floor has two units (each unit has unique ID)

The first floor has one unit

The rent value of unit with ID 75637 is **500** JD/year

The rent value of unit with ID 75638 is **500** JD/year

The rent value of unit with ID 75639 is **75** JD/year

The reduced rent value for the unit with ID 75637 = $80\% \times 500 = 400$ JD/year

The reduced rent value for the unit with ID 75638 = $80\% \times 500 = 400$ JD/year

The reduced rent value for the unit ID 75639 is $500 \text{ JD/year} = 80\% \times 75 = 60$ JD/year

الأظمة الرئيسية --> ضريبة الأملاك --> التخمين --> السجلات --> تخمين ضريبة الأملاك

معلومات من السجل

المكتب	6	دائرة ضريبة أملاك رام الله و البيرة	الحكي	0
المدينة / القرية	60003	بيتونيا	رقم القطعة	13
المحلة	60015	تسوية بيتونيا	الرقم السابق	25/2/4
الحوض	1	المنطار ويتر الشماس	المساحة	682
ملاحظات				

سجلات التخمين: الحالة: نوع التسجيل: مس

الأيلولة:

لمشاهدة إجمالي قيم التخمين للسنوات (CTRL+H)

تخمين الأرض | تخمين البناء | تخمين البناء الأخير

سنة التخمين	رقم البناء	الطابق	رقم الشقة	تسلسل الشقة	القيمة	التخمين	الحالة	المكلف هو المالك
2010	0	0	0	75637	500	400	فعال	تفاصيل
2010	0	0	0	75638	500	400	فعال	تفاصيل
2010	0	801	0	75639	75	60	فعال	تفاصيل
								تفاصيل

متسلسل المكلف	إسم المكلف	الحصة من الشقة	الحالة
79509	عطا جوده حسين جوده	1	فعال

ملاحظات: تخمين سنة 2010

Figure 7: The rent values in 2010 for units contained in building number zero constructed in parcel number 13, block number 1 in Betonia

The taxation value for the unit with ID 75637 = $17\% * 400 = 68$ JD/year

The taxation value for the unit with ID 75638 = $17\% * 400 = 68$ JD/year

The taxation value for the unit with ID 75639 = $17\% * 60 = 10.2$ JD/year

The Taxation value for the gross building = $68 + 68 + 10.2 = 146.2$ JD

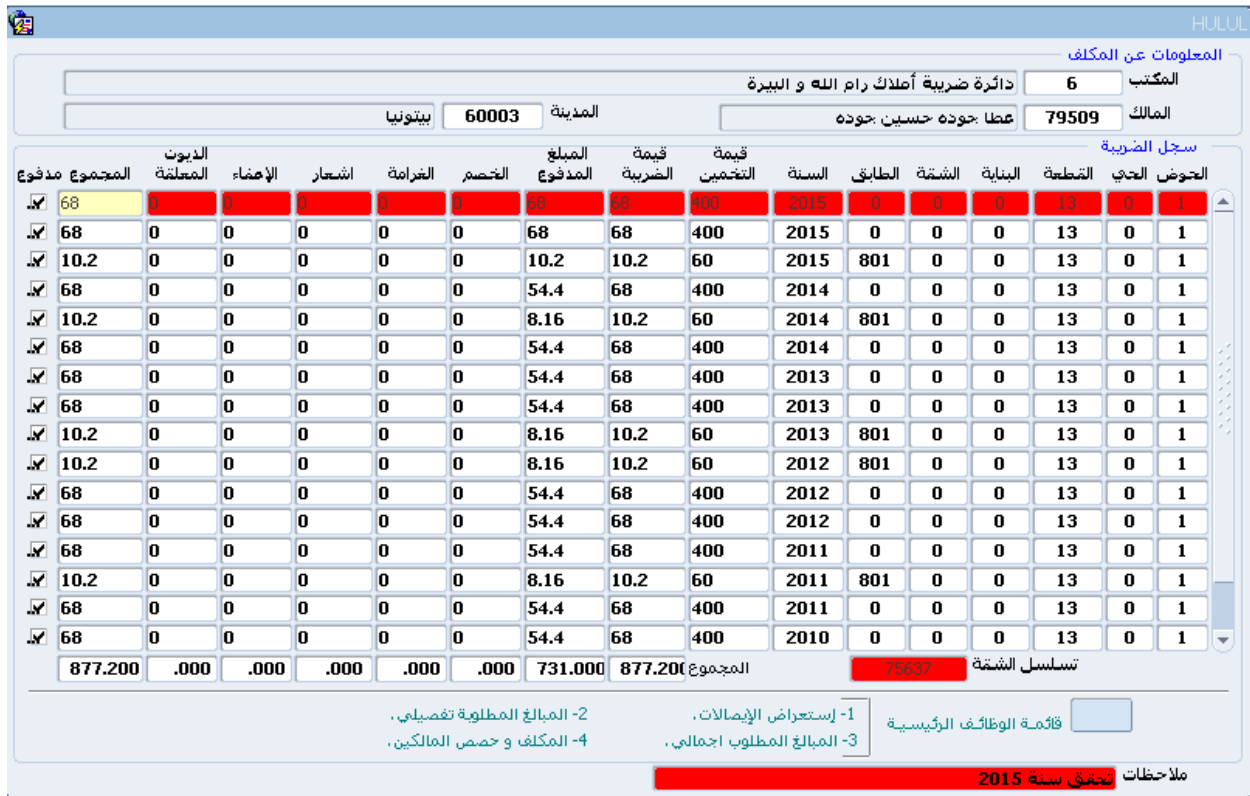


Figure 8: The taxation values in 2010 for units contained in building number zero constructed in parcel number 13, block number 1 in Betonia

3.4 Example 4

Calculate the taxation value levied on building#0, parcel#13, block # 1 Betonia according to the JPVP approach.

Table 6 below shows how the data of units (flats) is tabulated in the database

FLT_SEQ	PARCEL	BLOCK	Community	BLD_NO	EST_YEAR	EST_FLAT_RENT	FLAT_NO	ROOM	EST_FLAT_RENT1	RENT_VALUE_USED
75582	2	1	Beituniya	0	2010	400	0	3		400
75583	2	1	Beituniya	0	2010	500	0	4		500
75584	2	1	Beituniya	0	2010	500	0	4		500
75589	3	1	Beituniya	0	2010	25000	0	2	25000	25000
75594	4	1	Beituniya	0	2010	2500	0	3		2500
75602	5	1	Beituniya	0	2010	750	0		750	750
75603	5	1	Beituniya	0	2010	550	0		550	550
75604	5	1	Beituniya	0	2010	250	0	3	250	250
75605	5	1	Beituniya	0	2010	375	0	4	375	375
75610	6	1	Beituniya	1	2010	375	0	4	375	375
75618	6	1	Beituniya	2	2010	100	0		100	100
75612	6	1	Beituniya	1	2010	375	0	4	375	375
75617	6	1	Beituniya	1	2010	250	0	2	250	250
75632	12	1	Beituniya	0	2013	375	0	4	375	375
75633	12	1	Beituniya	0	2013	375	0	4	375	375
75634	12	1	Beituniya	0	2013	375	0	4	375	375
75635	12	1	Beituniya	0	2013	375	0	4	375	375
75636	12	1	Beituniya	0	2013	375	0	4	375	375
75637	13	1	Beituniya	0	2010	500	0	5	500	500
75638	13	1	Beituniya	0	2010	500	0	5	500	500
75639	13	1	Beituniya	0	2010	75	0	2	75	75
75640	16	1	Beituniya	0	2010	200	0	2		200

75641	16	1	Beituniya	0	2010	400	0	4		400
156768	18	1	Beituniya	0	2014	16800	0		16800	16800
156769	18	1	Beituniya	0	2014	500	0	4		500
217221	18	1	Beituniya	0	2014	2000	0	4		2000
75654	20	1	Beituniya	1	2013	2250	0	4		2250
75655	20	1	Beituniya	1	2013	2250	0	4		2250
75666	20	1	Beituniya	2	2013	500	0	1		500
75656	20	1	Beituniya	1	2013	2250	0	4		2250
75657	20	1	Beituniya	1	2013	2250	0	4		2250
75658	20	1	Beituniya	1	2013	2250	0	4		2250
75659	20	1	Beituniya	1	2013	2250	0	4		2250
75660	20	1	Beituniya	1	2013	2250	0	4		2250
75661	20	1	Beituniya	1	2013	2250	0	4		2250
75662	20	1	Beituniya	1	2013	2700	0	4		2700
75663	20	1	Beituniya	1	2013	2250	0	4		2250
75664	20	1	Beituniya	1	2013	3500	0	4		3500
75665	20	1	Beituniya	1	2013	1000	0	4		1000
75667	21	1	Beituniya	0	2010	250	0	2	300	250
75668	21	1	Beituniya	0	2010	300	0	3	375	300
75669	21	1	Beituniya	0	2010	300	0	3	375	300
75670	21	1	Beituniya	0	2010	300	0	3	375	300
75671	21	1	Beituniya	0	2010	250	0	2	300	250
217193	22	1	Beituniya	1	2015	600	1			600
217194	22	1	Beituniya	1	2015	600	2			600
217195	22	1	Beituniya	1	2015	700	1			700

Table 6: Sample of tabular data for building units constructed in block #1 in Betonia.

سجل

السلطة الوطنية الفلسطينية
وزارة المالية / ضريبة الاملاك
مديرية _____
نوحه _____
ص ب/ ١

رقم القطعة _____ رقم القطعة السابق ٧ سجل _____ صفحة _____

تسلسل	اسم المالك	الحصة	التسجيل		نوع المعاملة	التعديل	
			رقم العقد	التاريخ		من	الى
	نضال عبدالوايم عبدالعزى الرامه عبد الرامه نضال عبد الرامه كركرة	كامله كامله					
ارض							
قيمه الايجار السنوي الصافي				ارض			
المساحة بالمتر المربع		تخمين المتر المربع		قيمه الارض		تخمين	
تخمين فلس	اعتراض دينار	استئناف فلس	تخمين دينار	اعتراض دينار	استئناف دينار	تخمين دينار	اعتراض دينار
١٥٠٤	٨	١٢٣٢	١٢٢٢				
(بناء) قيه الايجار السنوي الصافي							
قيمه الايجار السنوي الصافي السابق		لسنة ٢٠٠٩		لسنة ٢٠١٤		لسنة	
تسلسل قائمة التخمين		تسلسل قائمة التخمين		تسلسل قائمة التخمين		تسلسل قائمة التخمين	
تخمين دينار	اعتراض دينار	استئناف دينار	تخمين دينار	اعتراض دينار	استئناف دينار	تخمين دينار	اعتراض دينار
			١٥٦١				
							٧٢٢
			١٠٠٨				٣/٩
							بناء
							ارض
							تاريخ

Figure 9: The content of hard copy records regarding net sale value of lands and net rent value for buildings.

التخمين لسنة

صفحة 0007 №

ملاحظات	قيمة الإيجار السنوي الصافي			الإيجار			اسم المستأجر أو وصف الاستعمال	محتويات البناء									
	استئناف	اعتراض	تخمين	المصدر	السنوي			تسلسل	طابق	غرفة	تيوان	مطبخ	حمام ومرحاض	مرحاض	تكان	مخزن	مخارج
					دينار	دينار											
							٢٠١٩										
			٥٤٠		٦٥٠												دما ٢
			٥٤٠		٦٥٠												دما ٢
			٥٤٠		٦٥٠												دما ٢

Figure 10: The content of hard copy records regarding the net rent values of units for particular building.

4 How the S and R values are determined?

Apparently, the critical challenge in the valuation process is to estimate the sale value (S) for land and rent value (R) for a unit in a building. Traditionally, the sale value is assessed by three methods: comparison method, cost method, and income method. In all these three methods, valuer's experience still plays a major component in estimating the sale value for a certain land. However, in the local context of Palestine, the sale value can be obtained from sources such as:

1. Palestine Capital Market Authority (PCMA)
2. Palestine Land Authority (PLA)
3. Real Estate Agencies (Private Sector)

With respect to the rent value (R), it can be obtained from contract that is agreed by both renter and rentee and thus the actual rent value can be directly entered in the database.

In this regards, huge efforts have been put into developing models in order to come up with the best estimation for the S and R values to achieve the maximum degree of fairness. At present, the approaches below can be considered as good source for S and R values:

1. The PTAX database
2. The JPVP approach
3. The Valuation Base Committee (BC)
4. The VNG approach
5. The GIS approach
6. Standard value method

For example, parcel # 122 in block number 1 in Betonia has a sale value of 7 JD/m² according the PTAX database while its actual sale value reaches 350 JD/m² according base committee. In the same manner, the average rent value for building # zero contained in parcel # 73, block # 1 in Betonia is 2 JD/m² while its actual rent value might reach 20 JD/m² according base committee.



Figure 11: Comparison between sale and rent values according PTAX data and base committee.

5 Enhancing the S and R values available in the PTAX

It is acknowledged that the S and R values stored in the PTAX don't reflect the actual values due to the fact that valuers tend to reduce these values themselves (or by internal regulation at the level of GDPT) in order to take into account the local economy in Palestine and the financial resources of taxpayers. However, in all cases, it is recommended to include the actual sale/rent value in the PTAX instead of the discounted ones. For this reason, a factor (C) can be integrated in the PTAX formula to represent the percentage of the discount. Therefore, the PTAX taxation equations can be re-written as below:

For Parcels:

$$T_p = 10\% * 6\% * B * S * A \quad (8)$$

For Buildings

$$T_u = 17\% * 80\% * B * E * R \quad (9)$$

Where B is a discount factor that is multiplied by the actual sale/rent value to take care of local economy in Palestine and the financial resources of taxpayers.

For example, if it is agreed to consider the discount factor to be 1% then in case the actual sale value of a particular parcel is 700 JD/m² then multiplying it with 1% will generate a sale value of 7 JD/m².

6 The effect of “zone use” and “unit use” in estimating S and R values

Generally, there is a good match between the unit (building) use and zone use that is assigned in the urban master plan shown in Figure 12. In general, the fields below need to be integrated into the PTAX database in order to be able to determine K value according JPVP approach.

- Unit Area (m²)
- Unit Height (m)
- Unit Use
- Zone Use
- Location Class (to be derived later from proximity to facilities, road characteristics, neighborhood attribute, Noise condition, etc.)
- Construction Date
- Construction Material
- Construction Condition
- Availability of Elevator

- Availability of Parking
- Availability of Utilities (Electricity, Water, Telephone, etc.)

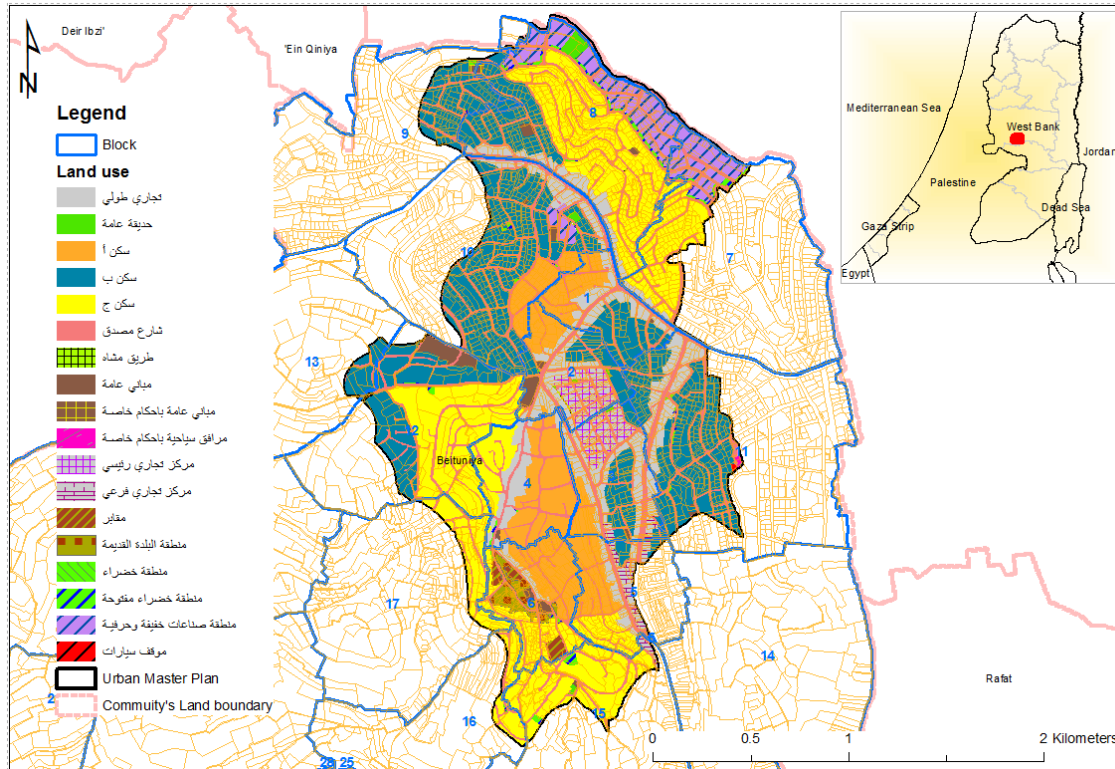


Figure 12: Urban master plan of Betonia

However, PTAX database must be enhanced to in terms of start entering values in the “unit use” field shown in the screenshot below

الأظمة الرئيسية -- خريطة الاملاك -- التخمين -- السجلات -- تخمين ضريبة الاملاك

معلومات من السجل

المكتب: 6 دائرة ضريبية أملاك رام الله و البيرة
 المدينة / القرية: 60013 عطارة
 المحلة: 60013 عطارة
 الحوض: 3 الهيش
 ملاحظات:

الحي: 0
 رقم القطعة: 188
 الرقم السابق: 0
 المساحة:

سجلات التخمين: سجلات
 الحالة: 0
 نوع التسجيل: 2
 لمشاهدة إجمالي قيم التخمين للسنوات (CTRL+H)

تخمين الأرض | تخمين البناء | تفاصيل البناء | تخمين البناء الاخير

السنة	البنية	الطابق	الشقة	تسلسل الشقة	حرفة	ليوات	مطبخ	حمام	مرحاض	فرنذة	كراج	مغزت	دكات	أخرى	مدور مؤجر
2012	1	0	0	133763	3	1	1	1							الايجار
2012	1	0	0	133764	3	1	1	1							الايجار
															الايجار
															الايجار

اسم المالك: _____ المنطقة A A
 وصف الإستعمال: _____
 ملاحظات: _____
 منطقة البناء: _____
 صنف البناء: _____
 نوع البناء: _____
 الدرجة و المستوى: _____
 مساحة البناء: _____
 سعر المتر: _____

تفاصيل

رجوع

Figure 13:

7 JPVP values for S and R: are they per block or at a point?

According to the JPVP approach, S and R values will be derived from the PTAX by multiplying them by K and M coefficients. K accounts for property characteristics (location, condition, quality, style, utilities, etc.) where M considers municipality class.

There is an idea to represent S and R values as points within blocks such that values for S and R at other locations can be obtained by interpolation. In this regard, three challenges arise:

1. Where to locate these points (point distribution) within the same block?
2. How many points should be taken (number of points)
3. The radius of interpolation (number of points\minimum distance that will participate in the interpolation)

Figure 5 shows the land use within block one in Betonia according to the urban master plan approved in 2008.

8 Valuation base committee work

The result of the work of the base committee is represented in assigning S and R value for each block according to the land use (residential, commercial, industrial and tourism). In this case, The S and R values corresponds to the actual sale and rent values in the reality and are not derived based on the PTAX database. The map below shows the proposed sale\rent values for a number of blocks in Betonia.

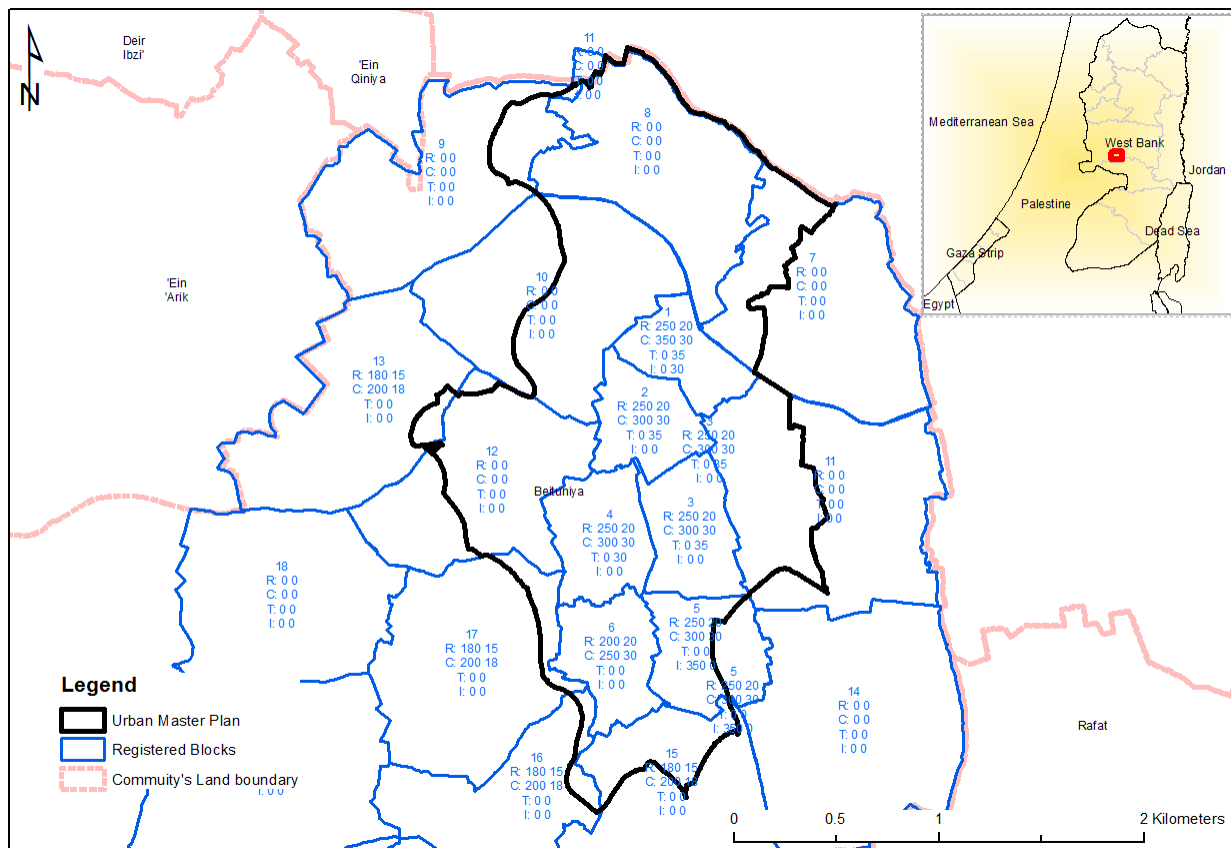


Figure 14:

9 GIS, Statistical/Artificial approach to derive S and R values,

On the whole, the issue when specifying S and R values is how to justify and defend them. Due to the fact that S and R values available in PTAX are not defensible, other approaches are suggested to overcome this challenge. For this purpose, it is aimed at applying the GIS to create valuation raster for land value such that classes are interpreted to sale values (JD/m²) and thus the S value at each location is obtained. Furthermore, the valuation raster can be fed into MRA or ANN as a variable (location class variable) in order to estimate the R value of all units of buildings. This approach is being tested and performed at the moment.

Mathematically, valuation raster can be derived based on the equation below

$$Land\ Value = \sum_{i=1}^n W_i F_i \quad (10)$$

Where n number of variable considered, W_i is the weight of the i^{th} factor, F_i is the i^{th} factor. Numerically, the valuation can have any value from 1 to 100 and then classified into five groups. next, the classes are labelled with their sale values according to the valuer's experience. Having the sale value at the level of pixel paves the way to assign these values to parcels and thus mass valuation for all parcels can be implemented.

As the valuation raster provides information regarding lands of high/low values depending on set of variables, this raster itself can be considered as a single variable that can be fed into the MRA equation to apply the mass valuation for buildings.

$$V_u = C_1V_1 + C_2V_2 + \dots + C_nV_n \quad (11)$$

Where V_u is the estimated value for the u^{th} unit, C_1 is a coefficient multiplied by the 1st variable, V_1 is the 1st variable, C_2 is a coefficient multiplied by the 2nd variable, V_2 is the second variable, C_n is the n^{th} coefficient multiplied by the n^{th} variable, V_n is the n^{th} variable.

It remains to precisely identify the variables based on which parcels and buildings are valued.

10 What is the difference between the GIS and JPVP approaches?

Despite the fact that the GIS (with MAR or ANN) and JPVP approaches are planned to apply the same set of variables, they can be distinguished by highlighting that the JPVP approach is considered a single property valuation technique while the GIS can achieve mass valuation. The JPVP approach requires collecting data for each single parcel/building in order to be able to determine the K coefficient. Having the massive data size for properties in mind, this sounds to be not practical and thus why revaluation in five years (in accordance with laws) fails to be approached.

In return, in case the GIS approach is implemented, a massive spatial analysis is applied that ends up by assigning sale/rent values.

11 The VNG approach

This approach introduces methods to predict sale values for lands and buildings. In case of land, this approach depends on identifying boundaries for areas within a particular local authority that have same characteristics in terms of social and economic factors, buildings style, services, and people income. Having the boundaries identified, valuation experts can assign sale value for these areas based on experience, knowledge and transactions available. These areas are called value areas. However, the boundaries of value areas are recommended to be demarcated in coincidence with cadaster blocks, where possible.

For buildings, the sale value is determined by the cost method. According to this approach, a gallery photo is developed to indicate the cost of a wide range of buildings types in JD/m²

Mathematically, the taxation for vacant land can be written as:

$$T_p = 10\% * S_p * A_p \quad (12)$$

Where T is the taxation value for a parcel (P) in JD, 10% the taxation percent, S_p is the sale value in JD/m² assigned to zone that contains the land, A_p is the geometric area of land

Taxation for land with building constructed on it can be written as:

$$T_u = 10\% * \left(\frac{f}{5} * \frac{A_u}{A_B} * S_p * A_p * + \frac{Z_i}{Z} * S_u * A_u \right) \quad (13)$$

Where T_u is the taxation value for a parcel (P) in JD and unit (u), 10% the taxation percent, f is the number of floors of the building constructed on the land (f is considered to be 5 in case the number of floors is less than or equal 5, this includes the case when no buildings is constructed on the land), S_p is the sale value in JD/m² assigned to zone that contains the land, A_p is the geometric area of land, Z_i the sale value of the i^{th} zone in JD/m², Z is the average sale value of all zones

($k=k_1+k_2+k_3+\dots+k_n/n$), S_u is the cost of unit area in a building (this is obtained by comparison between the building in question and photo gallery table), A_u is the area of the unit and A_B is the total area of the building

However, in case the geometric area of the unit (flat) is not given, the formula below can be implemented

$$T_u = 10\% * \left(\frac{f}{5} * \frac{S_p * A_p}{n} * + \frac{Z_i}{Z} * S_u * A_u \right) \quad (14)$$

Where T_u is the taxation value for a parcel (P) in JD and unit (u), 10% the taxation percent, f is the number of floors of the building constructed on the land (n is considered to be 5 in case the number of floors is less than or equal 5, this includes the case when no buildings is constructed on the land), S_p is the sale value in JD/m² assigned to zone that contains the land, A_p is the geometric area of land, n is the number of units, Z_i the sale value of the i^{th} zone in JD/m², Z is the average sale value of all zones ($k=k_1+k_2+k_3+\dots+k_n/n$), S_u is the cost of unit area in a building (this is obtained by comparison between the building in question and photo gallery table),

Example:

Calculate the taxation value for a flat of **150 m²** that is located in the fourth floor with a construction cost of **\$650/m²** knowing that the geometric area of the land is **900m²**, the land sale price is **\$950/m²**, and average land sale price is **850**?

$$\begin{aligned} T_u &= 10\% ((950*150/900) + 650/850 * 650*150)) \\ &= 10\%((950*0.15)+(0.76*97500))=10\%(142+74,100)=??? \end{aligned}$$

What is interesting here is that the taxation percent can be derived from the amount of money the government needs in each particular year divided by the total amount of valuation of buildings and lands. Mathematically, the taxation percent can be written as follows:

$$P_u = \frac{V_g}{V_p} \quad (15)$$

Where P_u is the taxation percent, V_g , the amount of money the government needs in a particular year and V_p the total amount of property valuation for buildings and lands.

12 Standard value method

A committee a combination of GDPT and private sector that has members different from those official valuers is entitled to assign the market value\rent value in JD/m² at particular points such that these points as considered as reference (base) to apply the equations below:

For Land:

$$T_u = 6\% * 10\% * K * S * A \quad (16)$$

Where K is the coefficient value that differentiate between a parcel and another, S is the market value of land at particular location that will be set by GDPT and private sector and applied by valuers to appraise other parcels in the same area

For buildings

$$T_u = 17\% * 80\% * K * R * A \quad (17)$$

Where K is the coefficient value that differentiate between a unit (flat) and another, R is the rent value of a unit (flat) at particular building that will be set by GDPT and private sector and applied by valuers to appraise other units (flat) in the same area

13 At which stage parcels become non-taxed?

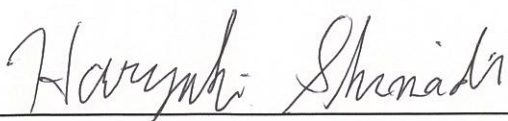
Any parcel of area less than 1700 m² and contains a building is exempted from property tax. In this case, the tax is transferred to the building. The map below shows which parcels are taxed and not taxed in block number 1 in Betonia.

MINUTES OF MEETING
BETWEEN
THE JICA MONITORING MISSION TEAM
AND
THE MINISTRY OF FINANCE OF PALESTINE
ON
THE PROJECT FOR IMPROVEMENT OF LOCAL FINANCE SYSTEM IN
PALESTINE

The JICA Monitoring Mission Team (hereinafter referred to as “the Team”), organized by the Japan International Cooperation Agency (hereinafter referred to as “JICA”) headed by Mr. Haruyuki SHIMADA, visited Palestine from 6th to 10th of December 2015 and had a series of discussion and exchanged opinions with General Directorate of Property Tax (hereinafter referred to as “GDPT”) on matters concerning the Project for Improvement of Local Finance System in Palestine (hereinafter referred to as “the Project”).

The results of the discussions are recorded as a Minutes of Meetings (M/M) and signed by GDPT and the Team as attached.

Ramallah,
10 December 2015



Mr. Haruyuki SHIMADA
Acting Director,
Public Governance and Financial
Management Team, Governance Group,
Industrial Development and Public Policy Dep.
JICA



Mr. Mahmoud NOFAL
Director General of the Property Tax
General Directorate of the Property Tax
Ministry of Finance
Palestinian Authority

**Minutes of Meetings of Discussions
between GDPT and the JICA Monitoring Mission Team**

【Items Agreed】

1. The purpose of the mission

The Team visited and made discussions with GDPT of Palestinian Authority to clarify the outcomes of the Project so far and the tasks needed to be done during the remaining project period (up to end of September 2016)¹. The results of discussions are recorded as a Minutes of Meetings (M/M) and signed by GDPT and The Team. As a result of discussions, both GDPT and the Team also agreed to make every effort to conduct the project activities in accordance with attached monitoring sheet with a view to end the Project as scheduled at the end of September 2016.

2. Employment of additional local engineers

The Team expressed that GDPT's request of employing additional local engineers is unacceptable because they are non-permanent (contract-basis) staff. As defined in the Record of Discussions(R/D) of the Project, the concept of JICA's technical cooperation is to transfer skills and knowledge to counterpart personnel who are expected to remain in their positions so that they continue to conduct their duties even after the termination of the Project. The Team determines that the requested personnel are not considered as appropriate for technical transfer.

As a result of discussion, both GDPT and JICA agreed that GDPT will hire engineers from a municipality or Palestinian Authority.

3. Training

The Team accepted to conduct a training program in Japan in late May 2016 and strongly requested GDPT to select qualified and appropriate staff for participation to the program. It would be the last of the second and third country trainings. In addition, the both sides agreed that the training in Palestine shall be also taken place during the period from April to July in 2016.

4. Public Awareness Campaign (PAC)

¹ The project will be completed at the end of September 2016. But activities by Japanese experts in Palestine will be finished by the beginning of September 2016.



The both sides agreed to provide necessary budget for conducting PAC with the same contents that JICA supported last year, and an SMS service for PAC will be conducted by GDPT by itself.

5. TDMMU

The Team acknowledged and reconfirmed in accordance with the R/D that GDPT is solely responsible for organizing and restructuring TDMMU. In this respect, the project will continue monitoring Master Plan Matrix if necessary.

6. Employment of a staff of Ministry of Local Governance (MOLG)

The Team requested GDPT to provide JICA with the evidence materials that justify the payment of an “incentive” to a governmental officer (in this case, an officer from MoLG) for an off duty job. Without the evidence, JICA’s regulation does not allow such payment. The Team agreed to pay for an incentive only and after such evidence is presented. Nevertheless, the Team is of the view that the pilot project for GIS should be completed even without further involvement of a MoLG officer.

As a result of discussion, GDPT pledged to obtain the requested evidence from Ministry of Finance and MOLG.

7. New Valuation Standard (VS)

JICA has conducted the technical cooperation project for supporting designing new valuation standard and its application to Palestine. Both sides re-confirmed that the Project is conducted in line with the agreed valuation standard. The formula has been adopted (9th and 20th September 2015 as attached) and refinement processes are as follows; simplification of value influence factors, verification of market ratio (multiplier) and verification of standard point value.

In the discussion, GDPT insisted the Project Team has not achieved anything (VS Formula, Manual etc.), though GDPT confirmed that the draft VS formula was officially adopted in principle. The Team explained that VS Formula draft was approved on September 9th and 20th 2015, and VS Formula as well as the manual is in process for completion.

8. Assignment of valuation standard experts

The Team stated that JICA has made its best efforts to attain the project purpose and upon request from GDPT, has allocated available resources including Dr. Ayoub from Jordan and GIS pilot project. In addition, the Team mentioned that if GDPT wishes to

request further input from JICA, GDPT has to submit TOR immediately which was requested by JICA Palestine Office on 16th of November 2015. However, JICA thinks that the current staffing is sufficient for implementing the rest of the project activities. Furthermore, JICA is not able to input the third country experts in terms of allocated budget and time.

In the discussion, GDPT requested Japanese experts to stay longer period for the project. However, in terms of contract, JICA explained Japanese experts cannot be stationed in Palestine longer than planned period.



【Items Not Agreed】

1. PDA

The Team explained that JICA cannot provide PDA due to budget constraints. In the discussion, GDPT insisted to introduce PDA and related systems. JICA, however, repeatedly responded that JICA cannot approve the request due to the budget constraints and lack of time.



Other Points Discussed

- Workshop
GDPT requested JICA to provide necessary fund to take place two to three days retreat or workshop. Although JICA is supportive to hold such events by GDPT, JICA cannot give financial assistance.
- Equipment
The Team mentioned the results of JICA's appraisal on additionally-requested equipment which is either approved or not-approved. The table below shows the JICA's appraisal results.

Equipment	Status
PDA	Not approved by JICA
GPS	Not approved by JICA
Laser	Deducting the number from 5 to 2
Digital Camera	Not approved by JICA
Monitors-5	Procurement in process
Workstations-5	Procurement in process
Laptops-2	Procurement in process
Computers for evaluators	Not approved by JICA

- VNG
VNG will be assigned as a second-opinion adviser to GDPT.

END

