BAB V

KESIMPULAN DAN SARAN

5.1. Kesimpulan

Berdasarkan data penelitian yang telah diberikan oleh 40 responden, kemudian diolah dan dianalisis, ada beberapa hal yang dapat disimpulkan berdasarkan hasil analisis data, yaitu sebagai :

Dari 11 faktor Penyebab Keterlambatan Penyelesaian Proyek pemerintah , tiga faktor yang memiliki *mean* paling rendah dan paling berpengaruh terhadap keterlambatan penyelesaian proyek pemerintah dan swasta adalah:

a) Pada proyek milik pemerintah yaitu: faktor karakteristik tempat (site characteristic), faktor sistem inspeksi, kontrol, dan evaluasi pekerjaan ,dan faktor bahan (*material*).
b) Pada proyek swasta yaitu: faktor lingkup dan kontrak/ dokumen pekerjaan (*contract document*), faktor perubahan (*change*), dan faktor bahan (*material*).

Melalui uji T di peroleh hasil bahwa Pada proyek pemerintah dan swasta jika dilihat dari presepsi penyedia dan pengguna jasa, maka terlihat bahwa sebagian besar faktor–faktor yang menyebabkan keterlamabatan penyelesaian proyek pemerintah dan swasta memiliki sig > dari 0,05 yang berarti bahwa tidak adanya perbedaan presepsi antara faktor-faktor yang menyebab keterlambatan

proyek pemerintah maupun swasta. Sedangkan yang memiliki sig < 0,05 yang berarti adanya perbedaan presepsi antara penyedia dan pengguna jasa.

a) Pada proyek milik pemerintah, yang memiliki perbedaan presepsi terdapat pada beberap sub faktor yaitu: penggantian tenaga kerja baru dengan memiliki sig 0,02, perubahan material pada bentuk, fungsi, dan spesifikasi dengan miliki sig 0,04, kerusakan peralatan dengan meiliki sig 0,04, harga material dengan memiliki sig 0,01, dan kesalahan desain yang dibuat oleh perencana dengan memiliki sig 0,04. sedangkan,
b) Pada proyek miliki wsata, yang memiliki perbedaan presepsi terdapat pada beberap sub faktor yaitu: penggantian tenaga kerja baru yang memiliki sig 0,05, akses ke lokasi proyek yang memiliki sig 0,03, lokasi proyek yang memiliki sig 0,04, rencana urutan kerja yang tidak tersusun dengan terpadu yang memiliki sig 0,03, komunikasi antara wakil owner dan kontraktor yang memiliki sig 0,05.

Analisis uji T juga di lakukan pada faktor- faktor Penyebab Keterlambatan Penyelesaian Proyek pemerintah dan swasta, maka terdapat beberapa yang memiliki sig > dari 0,05 yang berarti tidak adanya perbedan antara faktor–faktor yang mempengaruhi keterlambatan penyelesaian proyek pemerintah dan swasta. Sedangkan yang memiliki sig < dari 0,05 yang berarti adanya perbedaan antara faktor–faktor yang mempengaruhi keterlambatan penyelesaian proyek pemerintah dan swasta yaitu sebagian besar terdapat pada faktor karakteristik tempat (*site characteristic*), faktor situasi (*environment*), faktor lingkup dan kontrak/ dokumen

pekerjaan (*contract document*), dan faktor sistem inspeksi, kontrol dan evaluasi pekerjaan.

5.2. Saran

Terkait dengan hasil penelitian menunjukan bahwa tiga faktor penyebabkan utama terjadinya keterlambatan pada proyek konstruksi milik pemerintah dan swasta di Timor Leste yaitu:

1) Proyek konstruksi milik pemerintah

Faktor karakteristik tempat (site characteristic), merupakan faktor pertama yang memiliki mean paling rendah. Faktor ini masuk dalam kelompok *Excusable not-Compensable Delays*, yaitu faktor yang penyebabnya di luar kendali kontraktor dan owner, sehingga faktor seperti ini kadang tidak dapat bisa di hindari tetapi dapat meminimalkan resiko keterlambatan dengan beberapa tindakan yang lebih baik. Hal ini memerlukan peran aktif seseorang manajemen proyek untuk menentukan keberhasilan pengelolan proyek.

Faktor sistem inspeksi, kontrol, dan evaluasi pekerjaan, merupakan faktor kedua yang paling berpengaruh terhadap keterlambatan. Salah satu sub faktor yang paling perpengaruh adalah “Proses persetujuan contoh bahan dengan waktu yang lama oleh pemilik”. Hal ini disebabkan karena proses persetujuan contoh bahan oleh pemerintah sebagai owner harus melalui beberapa pengawas lapangan dari beberapa departemen pemerintah. Hal ini perluh di perhatikan dan di sadarin oleh pihak pemerintah sebagai owner untuk lebih mepersingkat dan mempercepat

proses persetujuan contoh bahan sehingga pihak kontraktor tidak harus menunda pekerjaan untuk mendapatkan persetujuan contoh bahan tersebut.

Faktor bahan (*material*), merupakan faktor ke tiga yang paling mempengaruhi keterlambatan pada proyek milik pemerintah. Faktor ini masuk dalam kelompok *Non-Excusable Delays,* yaitu keterlambatan yang di sebabkan oleh pihak kontraktor dan sepenuhnya tanggung jawab dari kontraktor, hal ini dikarenakan pihak kontraktor tidak tepat menentukan durasi waktu pemensanan bahan konstruksi dengan baik sehingga keterlambatan pengiriman barang sering terjadi.

2) Proyek konstruksi milik swasta

Faktor lingkup dan kontrak/ dokumen pekerjaan (*contract document*), merupakan faktor yang masuk dalam kelompok *Excusable Compensable Delays* yakni keterlambatan yang di sebabkan oleh pihak owner yang sering menambah pekerjaan tambahan akibat dari beberapa perubahan desain pada tahap pelaksanaan konstruksi bangunan.

Faktor perubahan (*change*), merupakan faktor ke dua yang paling mempengaruhi keterlambatan pada proyek konstruksi milik swasta karena pihak owner sering meminta perubahan desain. Hal ini perlu diperhatikan dan direncanakan lebih baik sejak awal oleh pihak owner dan konsultan perencana sehingga pada proses pelaksanaan konstruksi tidak adanya perubahan desain yang berakibat pada keterlambatan.

Faktor bahan (*material*) merupakan faktor ke tiga yang paling berpengaruh terhadap keterlambatan proyek konstruksi milik swasta. Sama halnya dengan yang terjadi pada proyek milik pemerintah, Hal ini disebabkan karena pihak kontraktor tidak tepat menentukan durasi pemesanan bahan konstruksi, sehingga hal ini perlu di perhatikan lagi oleh pihak kontraktor dalam menentukan durasi waktu pemesanaan dalam pembuatan time schedule.

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KUESIONER

Universitas Atma Jaya Yogyakarta pada jenjang pendidikan Pascasarjana, Program Magister Teknik Sipil, Konsentrasi Manajemen Konstruksi, memberikan tugas kepada mahasiswanya untuk melakukan penelitian Tesis.

Nama : Sonia elisabeth vieira aniceto

No mahasiswa : 135101972

Pada kesempatan ini saya selaku mahasiswa Program Magister Teknik Sipil, Program Pascasarjana–Universitas Atma JaYa Yogyakarta, bermaksud akan melakukan penelitian mengenai **"Analisis Faktor Penyebab Keterlambatan Pada Proyek Konstruksi Pemerintah Dan Swasta Di Timor Leste"**

Penelitian ini bertujuan untuk mengidentifikasi faktor yang mempengaruhi keterlambatan proyek konstruksi Pemerintah dan swasta sehingga diharapkan semua pihak yang terlibat dalam proyek konstruksi Pemerintah dan swasta dapat mengantisipasi keterlambatan pelaksanaan proyek dengan mengambil tindakan–tindakan yang dianggap perlu berdasarkan penyebabnya sehingga waktu penyelesaian proyek dapat sesuai dengan waktu yang direncanakan.

Penelitian ini sekiranya dapat menjadi sumbangan yang nyata bagi dunia konstruksi, khususnya di negara Timor Leste yang merupakan negara baru, Oleh karena itu kuesioner ini dirancang sedemikian rupa sehingga membutuhkan peran serta dari Bapak/Ibu/ saudara. Penulis berharap Bpk/Ibu /Saudara bersedia meluangkan waktunya dalam menjawab pertanyaan – pertanyaan ini.

Penulis berjanji semua jawaban yang Bpk/Ibu/Saudara berikan kepada Penulis, hanya digunakan untuk kepentingan akademis dan akan dijamin kerahasiaannya. Jika ada pertanyaan –pertanyaan yang sekiranya kurang dipahami dalam mengisi kuesioner ini, jangan segan untuk menghubungi penulis.

Akhirnya atas perhatian dan kerjasama yang Bapak Ibu Saudara berikan, penulis ucapkan banyak terima kasih.

Hormat saya,

Sonia Elisabeth Vieira Aniceto

I.DATA RESONDEN (Lingkari /(X) jawaban yang Bapak / Ibu / Saudara pilih)

1. status pelaku dalam konstruksi

   a. penyedia jasa b. Pengguna jasa

2. proyek yang pernah di kerjakan milik

   a. pemerintah b. Swasta c. Pemerintah dan swasta

3.Sudah berapa lama Bapak/Ibu/Saudara bekerja di proyek konstruksi ?

   a. 1 s/d 5 tahun b. > 5 tahun

II.DATA PROYEK (Lingkari jawaban yang Bapak Ibu Saudara pilih)

1) Berapa rata -rata nilai Proyek pemerintah yang dikerjakan Perusahaan Bapak Ibu Saudara setiap tahun?

   a. 0 – 500 juta b. 500 – 1 milyar c. > 1 milyar

2) Berapa rata -rata nilai Proyek swasta yang dikerjakan Perusahaan Bapak Ibu Saudara setiap tahun?

   a.0 – 500 juta b. 500 – 1 milyar c. > 1 milyar

3) Berapa rata -rata proyek pemerintah tersebut memiliki luas lantai?

   a.0 – 1000 m2 b. 1000 m2 - 2500 m2 c. > 2500 m2

4) Berapa rata -rata proyek swasta tersebut memiliki luas lantai?

   a.0 – 1000 m2 b.1000 m2 - 2500 m2 c. > 2500 m2

III. DATA FAKTOR-FAKTOR KETERLAMBATAN PROYEK (Lingkari jawaban yang Bapak Ibu Saudara pilih)

6) Menurut Bapak Ibu Saudara, apakah dalam pelaksanaan Proyek pemeritah dan swasta sering mengalami keterlambatan?

   a.Jika ya, alasannya .....???

   b.Tidak .....???

7) Dibawah ini merupakan pertanyaan-pertanyaan yang merupakan factor - faktor penyebab yang mempengaruhi keterlambatan proyek konstruksi Pemerintah dan swasta . Berikan tanda silang (X) pada kolom dengan (5) **Tidak berpengaruh , (4) berpengaruh kecil , (3)Berpengaruh sedang , (2)Sangat berpengaruh , (1) sangat berpengaruh kuat.**

No		Faktor-faktor Keterlambatan proyek	Proyek pemerintah					Proyek swasta				
			5	4	3	2	1	5	4	3	2	1
1	Faktor Tenaga Kerja (*labors*)											
	A	Keahlian tenaga kerja										
	B	Kedisiplinan tenaga kerja										
	C	Motivasi kerja tenaga kerja										
	D	Jumlah pekerja yang kurang memadai										
	E	Nasionalisme tenaga kerja										
	F	Komunikasi antara tenaga kerja dan kepala tukang/mandor .										
	G	Penggantian tenaga kerja baru										
2	Faktor Bahan (*material*)											
	A	Keterlambatan pengiriman barang										
	B	- Kekurangan bahan konstruksi										
	C	Kualitas bahan yang kurang baik										
	D	Kerusakan bahan di tempat penyimpanan										
	E	- Perubahan material pada bentuk, fungsi, dan spesifikasi										
	F	- Kelangkaan karena kekhususan										
	G	Ketidaktepatan waktu pemesanan										
3	Faktor Peralatan (*equipment*)											
	A	Keterlambatan pengiriman/ penyediaan peralatan										
	B	Kerusakan peralatan										
	C	Ketersediaan peralatan yang memadai/sesuai kebutuhan										
	D	- Produktifitas peralatan										
	E	Kemampuan mandor atau operator yang kurang dalam mengoperasikan peralatan										
4		Faktor Karakteristik Tempat (site characteristic)										
	A	Keadaan permukaan dan dibawah permukaan tanah										

No		Faktor-faktor Keterlambatan proyek	Proyek pemerintah					Proyek swasta				
			5	4	3	2	1	5	4	3	2	1
	B	Penglihatan atau tanggapan lingkungan sekitar										
	C	Karakteristik fisik bangunan sekitar lokasi proyek										
	D	Tempat penyimpanan bahan/material										
	E	Akses ke lokasi proyek										
	F	Kebutuhan ruang kerja										
	G	- Lokasi proyek										
5	Faktor Keuangan (financing)											
	A	Tidak adanya uang intensif untuk kontraktor										
	B	Harga material										
	C	Kesulitan pendanaan di kontraktor										
	D	Kesulitan pembayaran oleh pemilik										
6	Faktor Situasi (environment)											
	A	Intensitas curah hujan										
	B	Faktor sosial dan budaya										
	C	Terjadinya hal-hal tak teduga seperti kebakaran, banjir, dan tanah longsor.										
7	Faktor Perubahan (change)											
	A	Terjadi perubahan desain oleh owner										
	B	- Kesalahan desain yang dibuat oleh perencana										
	C	Kesalahan dalam penyelidikan tanah										
8	Faktor Lingkup dan Kontrak/ Dokumen Pekerjaan (contract document)											
	A	Perencanaan (gambar/spesifikasi) yang salah/tidak lengkap										
	B	Perubahan lingkup pekerjaan pada waktu pelaksanaan										
	C	Keterlambatan pemilik dalam membuat keputusan										

No	Faktor-faktor Keterlambatan proyek		Proyek pemerintah					Proyek swasta				
			5	4	3	2	1	5	4	3	2	1
	D	Adanya banyak (sering) pekerjaan tambah										
	E	Adanya permintaan perubahan atas pekerjaan yang telah selesai										
	F	Ketidaksepahaman antara pembuatan gambar kerja antara perencana dan kontraktor										
9	Faktor Perencanaan dan Penjadwalan (planning and scheduling)											
	A	- Tidak lengkapnya identifikasi jenis pekerjaan										
	B	Rencana urutan kerja yang tidak tersusun dengan baik/terpadu										
	C	Penentuan durasi waktu kerja yang tidak seksama										
	D	Rencana kerja pemilik yang sering beruba- ubah										
	E	Metode konstruksi/pelaksanaan kerja yang salah atau tidak tepat										
10	Faktor Sistem Inspeksi, Kontrol dan Evaluasi Pekerjaan											
	A	Perbedaan jadwal sub-kontraktor dalam penyelesaian proyek										
	B	- Pengajuan contoh bahan oleh kontraktor yang tidak terjadwal										
	C	Proses persetujuan contoh bahan dengan waktu yang lama oleh pemilik										
	D	- Ketelambatan proses pemeriksaan dan uji bahan										
	E	Kegagalan kontraktor melaksanakan pekerjaan										
	F	- Banyak hasil pekerjaan yang harus diperbaiki/diulang karena cacat/tidak benar										
	G	Proses dan tata cara evaluasi kemajuan pekerjaan yang lama dan lewat jadwal yang disepakati										

No	**Faktor-faktor Keterlambatan proyek**		Proyek pemerintah					Proyek swasta				
			5	4	3	2	1	5	4	3	2	1
11	Faktor Manajerial (managerial)											
	A	Pengalaman manajer lapangan										
	B	Komunikasi antara wakil owner dan kontraktor										

……, …… 2014

Yang membuat

LAMPIRAN 2

Output SPSS Ranking Untuk Proyek Pemerintah

LABORS

Statistics								
		labors A	labors B	labors C	labors D	labors E	labors F	labors G
N	Valid	20	20	20	20	20	20	20
	Missing	0	0	0	0	0	0	0
Mean		2.50	2.40	2.30	2.90	2.50	2.55	3.15
Std. Deviation		1.670	1.231	1.302	.968	1.235	1.276	1.268
Variance		2.789	1.516	1.695	.937	1.526	1.629	1.608

MATERIAL

Statistics								
		material A	material B	materialC	material D	material E	material F	material G
N	Valid	20	20	20	20	20	20	20
	Missing	0	0	0	0	0	0	0
Mean		2.55	2.35	2.15	2.55	2.70	2.60	2.65
Std. Deviation		1.191	.988	.988	1.317	1.129	1.231	1.226
Variance		1.418	.976	.976	1.734	1.274	1.516	1.503

EQUIPMENT

Statistics						
		equipmentl A	equipment B	equipment C	equipmentD	equipment E
N	Valid	20	20	20	20	20
	Missing	0	0	0	0	0
Mean		3.10	2.60	2.95	3.40	2.80
Std. Deviation		1.252	1.095	1.356	.754	1.105
Variance		1.568	1.200	1.839	.568	1.221

SITE CHARACTERISTIC

Statistics								
		site characteristic A	site characteristic B	site characteristic C	site characteristic D	site characteristic E	site characteristic F	site characteristic G
N	Valid	20	20	20	20	20	20	20
	Missing	0	0	0	0	0	0	0
Mean		2.30	2.40	2.00	2.60	1.85	2.50	2.25
Std. Deviation		1.342	1.188	.973	1.273	1.268	1.235	1.293
Variance		1.800	1.411	.947	1.621	1.608	1.526	1.671

FINANCING

Statistics					
		financing A	financing B	financing C	financing D
N	Valid	20	20	20	20
	Missing	0	0	0	0
Mean		3.20	2.55	2.40	2.05
Std. Deviation		1.473	1.234	1.273	1.317
Variance		2.168	1.524	1.621	1.734

ENVIRONMENT

Statistics				
		environment A	environment B	environment C
N	Valid	20	20	20
	Missing	0	0	0
Mean		3.00	2.40	2.85
Std. Deviation		1.556	1.231	1.268
Variance		2.421	1.516	1.608

CHANGE

Statistics				
		change A	change B	change C
N	Valid	20	20	20
	Missing	0	0	0
Mean		3.25	3.30	2.65
Std. Deviation		1.164	1.129	1.309
Variance		1.355	1.274	1.713

CONTRACT

Statistics							
		contract document A	contract document B	contract document C	contract document D	contract document E	contract document F
N	Valid	20	20	20	20	20	20
	Missing	0	0	0	0	0	0
Mean		3.60	3.50	3.10	3.75	3.40	3.00
Std. Deviation		1.314	1.192	1.373	1.164	1.429	1.451
Variance		1.726	1.421	1.884	1.355	2.042	2.105

PLANNING

Statistics						
		planning and scheduling A	planning and scheduling B	mplanning and scheduling C	planning and scheduling D	planning and schedulingl E
N	Valid	20	20	20	20	20
	Missing	0	0	0	0	0
Mean		3.10	2.90	3.00	3.35	3.10
Std. Deviation		1.119	1.165	1.298	.988	1.210
Variance		1.253	1.358	1.684	.976	1.463

INSPEKSI, KONTROL DAN EVALUASI PEKERJAAN

Statistics								
		Inspeksi, Kontrol dan Evaluasi Pekerjaan A	Inspeksi, Kontrol dan Evaluasi Pekerjaan B	Inspeksi, Kontrol dan Evaluasi Pekerjaan C	Inspeksi, Kontrol dan Evaluasi Pekerjaan D	Inspeksi, Kontrol dan Evaluasi Pekerjaan E	Inspeksi, Kontrol dan Evaluasi Pekerjaan F	Inspeksi, Kontrol dan Evaluasi Pekerjaan G
N	Valid	20	20	20	20	20	20	20
	Missing	0	0	0	0	0	0	0
Mean		2.60	2.40	1.80	2.15	2.75	2.90	2.05
Std. Deviation		1.188	1.188	1.005	1.182	1.070	1.210	1.276
Variance		1.411	1.411	1.011	1.397	1.145	1.463	1.629

MANAJERIAL

Statistics			
		managerial A	managerial B
N	Valid	20	20
	Missing	0	0
Mean		3.10	2.95
Std. Deviation		1.447	1.234
Variance		2.095	1.524

LAMPIRAN 3

Output SPSS Ranking Untuk Proyek Swasta

LABORS

Statistics								
		labors A	labors B	labors C	labors D	labors E	labors F	labors G
N	Valid	20	20	20	20	20	20	20
	Missing	0	0	0	0	0	0	0
Mean		1.85	2.45	2.15	3.20	3.55	2.70	3.05
Std. Deviation		1.182	1.276	.988	1.056	1.317	1.302	1.050
Variance		1.397	1.629	.976	1.116	1.734	1.695	1.103

MATERIAL

Statistics								
		material A	material B	materialC	material D	material E	material F	material G
N	Valid	20	20	20	20	20	20	20
	Missing	0	0	0	0	0	0	0
Mean		2.00	2.70	2.55	2.95	2.75	2.30	2.25
Std. Deviation		1.214	1.174	1.276	1.432	1.333	1.261	1.209
Variance		1.474	1.379	1.629	2.050	1.776	1.589	1.461

EQUIPMENT

Statistics						
		equipmentl A	equipment B	equipment C	equipmentD	equipment E
N	Valid	20	20	20	20	20
	Missing	0	0	0	0	0
Mean		2.65	2.85	2.85	3.05	3.35
Std. Deviation		1.137	1.226	1.268	1.356	1.182
Variance		1.292	1.503	1.608	1.839	1.397

SITE CHARACTERISTIC

Statistics								
		site characteristic A	site characteristic B	site characteristic C	site characteristic D	site characteristic E	site characteristic F	site characteristic G
N	Valid	20	20	20	20	20	20	20

	Missing	0	0	0	0	0	0	0
Mean		3.75	3.35	3.50	3.85	3.05	3.00	3.80
Std. Deviation		1.585	1.137	1.357	.933	1.395	1.589	1.105
Variance		2.513	1.292	1.842	.871	1.945	2.526	1.221

FINANCING

Statistics					
		financing A	financing B	financing C	financing D
N	Valid	20	20	20	20
	Missing	0	0	0	0
Mean		3.15	2.50	2.85	3.45
Std. Deviation		1.461	1.357	1.387	1.146
Variance		2.134	1.842	1.924	1.313

ENVIRONMENT

Statistics				
		environment A	environment B	environment C
N	Valid	20	20	20
	Missing	0	0	0
Mean		3.50	2.45	3.05
Std. Deviation		1.277	1.395	1.099
Variance		1.632	1.945	1.208

CHANGE

Statistics				
		change A	change B	change C
N	Valid	20	20	20
	Missing	0	0	0
Mean		2.15	2.10	2.65
Std. Deviation		1.348	1.119	1.040
Variance		1.818	1.253	1.082

CONTRACT

Statistics							
		contract document A	contract document B	contract document C	contract document D	contract document E	contract document F
N	Valid	20	20	20	20	20	20
	Missing	0	0	0	0	0	0
Mean		2.20	2.20	2.15	2.10	2.35	2.75
Std. Deviation		1.361	1.152	1.040	1.252	1.182	1.372
Variance		1.853	1.326	1.082	1.568	1.397	1.882

PLANNING

Statistics						
		planning and scheduling A	planning and scheduling B	mplanning and scheduling C	planning and scheduling D	planning and schedulingl E
N	Valid	20	20	20	20	20
	Missing	0	0	0	0	0
Mean		3.30	2.65	3.00	3.35	3.15
Std. Deviation		1.418	1.182	1.487	1.268	1.226
Variance		2.011	1.397	2.211	1.608	1.503

INSPEKSI, KONTROL DAN EVALUASI PEKERJAAN

Statistics								
		Inspeksi, Kontrol dan Evaluasi Pekerjaan A	Inspeksi, Kontrol dan Evaluasi Pekerjaan B	Inspeksi, Kontrol dan Evaluasi Pekerjaan C	Inspeksi, Kontrol dan Evaluasi Pekerjaan D	Inspeksi, Kontrol dan Evaluasi Pekerjaan E	Inspeksi, Kontrol dan Evaluasi Pekerjaan F	Inspeksi, Kontrol dan Evaluasi Pekerjaan G
N	Valid	20	20	20	20	20	20	20
	Missing	0	0	0	0	0	0	0
Mean		3.25	2.85	3.65	3.85	3.10	2.65	3.95

Std. Deviation	1.482	1.226	1.461	1.182	1.294	1.348	1.234
Variance	2.197	1.503	2.134	1.397	1.674	1.818	1.524

MANAJERIAL

Statistics			
		managerial A	managerial B
N	Valid	20	20
	Missing	0	0
Mean		3.00	3.10
Std. Deviation		1.298	1.165
Variance		1.684	1.358

LAMPIRAN 4

Output SPSS T-Test Pemerintah

1 = Penyedia , 2 = pengguna

Group Statistics					
	VAR00001	N	Mean	Std. Deviation	Std. Error Mean
labors A	1	10	2.10	1.370	.433
	2	10	2.90	1.912	.605
labors B	1	10	2.90	1.370	.433
	2	10	1.90	.876	.277
labors C	1	10	2.20	1.135	.359
	2	10	2.40	1.506	.476
labors D	1	10	3.10	.738	.233
	2	10	2.70	1.160	.367
labors E	1	10	2.60	1.430	.452
	2	10	2.40	1.075	.340
labors F	1	10	2.60	1.174	.371
	2	10	2.50	1.434	.453
labors G	1	10	3.80	1.033	.327
	2	10	2.50	1.179	.373

Independent Samples Test										
		Levene's Test for Equality of Variances		t-test for Equality of Means						
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	95% Confidence Interval of the Difference	
									Lower	Upper
labors A	Equal variances assumed	3.623	.073	-1.075	18	.296	-.800	.744	-2.363	.763

	Equal variances not assumed			-1.075	16.316	.298	-.800	.744	-2.374	.774
laborsB	Equal variances assumed	2.372	.141	1.945	18	.068	1.000	.514	-.080	2.080
	Equal variances not assumed			1.945	15.299	.070	1.000	.514	-.094	2.094
laborsC	Equal variances assumed	1.304	.268	-.335	18	.741	-.200	.596	-1.453	1.053
	Equal variances not assumed			-.335	16.734	.741	-.200	.596	-1.460	1.060
laborsD	Equal variances assumed	3.261	.088	.920	18	.370	.400	.435	-.513	1.313
	Equal variances not assumed			.920	15.262	.372	.400	.435	-.525	1.325
laborsE	Equal variances assumed	1.189	.290	.354	18	.728	.200	.566	-.988	1.388
	Equal variances not assumed			.354	16.711	.728	.200	.566	-.995	1.395
laborsF	Equal variances assumed	.554	.466	.171	18	.866	.100	.586	-1.131	1.331
	Equal variances not assumed			.171	17.325	.866	.100	.586	-1.134	1.334
laborsG	Equal variances assumed	.457	.508	2.623	18	.017	1.300	.496	.259	2.341
	Equal variances not assumed			2.623	17.695	.017	1.300	.496	.258	2.342

Group Statistics

	VAR00001	N	Mean	Std. Deviation	Std. Error Mean
material A	1	10	2.90	.994	.314
	2	10	2.20	1.317	.416
material B	1	10	2.60	.966	.306
	2	10	2.10	.994	.314
materialC	1	10	2.10	.876	.277
	2	10	2.20	1.135	.359

material D	1	10	2.90	1.370	.433
	2	10	2.20	1.229	.389
material E	1	10	3.20	1.135	.359
	2	10	2.20	.919	.291
material F	1	10	2.60	1.174	.371
	2	10	2.60	1.350	.427
material G	1	10	3.00	1.247	.394
	2	10	2.30	1.160	.367

Independent Samples Test

		Levene's Test for Equality of Variances		t-test for Equality of Means						
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	95% Confidence Interval of the Difference	
									Lower	Upper
material A	Equal variances assumed	1.084	.312	1.342	18	.196	.700	.522	-.396	1.796
	Equal variances not assumed			1.342	16.748	.198	.700	.522	-.402	1.802
material B	Equal variances assumed	.060	.810	1.140	18	.269	.500	.438	-.421	1.421
	Equal variances not assumed			1.140	17.985	.269	.500	.438	-.421	1.421
materialC	Equal variances assumed	.226	.640	-.221	18	.828	-.100	.453	-1.053	.853
	Equal variances not assumed			-.221	16.909	.828	-.100	.453	-1.057	.857
material D	Equal variances assumed	.081	.780	1.202	18	.245	.700	.582	-.523	1.923

	Equal variances not assumed			1.202	17.792	.245	.700	.582	-.524	1.924
material E	Equal variances assumed	.025	.876	2.165	18	.044	1.000	.462	.030	1.970
	Equal variances not assumed			2.165	17.251	.045	1.000	.462	.027	1.973
material F	Equal variances assumed	.207	.654	.000	18	1.000	.000	.566	-1.188	1.188
	Equal variances not assumed			.000	17.659	1.000	.000	.566	-1.190	1.190
material G	Equal variances assumed	.021	.887	1.300	18	.210	.700	.539	-.431	1.831
	Equal variances not assumed			1.300	17.905	.210	.700	.539	-.432	1.832

Group Statistics

	VAR00001	N	Mean	Std. Deviation	Std. Error Mean
equipmentl A	1	10	3.30	1.160	.367
	2	10	2.90	1.370	.433
equipment B	1	10	3.10	1.197	.379
	2	10	2.10	.738	.233
equipment C	1	10	2.40	1.265	.400
	2	10	3.50	1.269	.401
equipmentD	1	10	3.30	.675	.213
	2	10	3.50	.850	.269
equipment E	1	10	2.80	1.317	.416
	2	10	2.80	.919	.291

Independent Samples Test

		Levene's Test for Equality of Variances	*t-test for Equality of Means*

		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	95% Confidence Interval of the Difference	
									Lower	Upper
equipmentlA	Equal variances assumed	.521	.480	.705	18	.490	.400	.568	-.793	1.593
	Equal variances not assumed			.705	17.520	.490	.400	.568	-.795	1.595
equipmentB	Equal variances assumed	2.024	.172	2.249	18	.037	1.000	.445	.066	1.934
	Equal variances not assumed			2.249	14.975	.040	1.000	.445	.052	1.948
equipmentC	Equal variances assumed	.015	.904	-1.941	18	.068	-1.100	.567	-2.291	.091
	Equal variances not assumed			-1.941	18.000	.068	-1.100	.567	-2.291	.091
equipmentD	Equal variances assumed	.688	.418	-.583	18	.567	-.200	.343	-.921	.521
	Equal variances not assumed			-.583	17.122	.568	-.200	.343	-.924	.524
equipmentE	Equal variances assumed	1.503	.236	.000	18	1.000	.000	.508	-1.067	1.067
	Equal variances not assumed			.000	16.087	1.000	.000	.508	-1.076	1.076

Group Statistics

	VAR00001	N	Mean	Std. Deviation	Std. Error Mean
site characteristic A	1	10	1.80	.919	.291
	2	10	2.80	1.549	.490
site characteristic B	1	10	2.70	1.337	.423
	2	10	2.10	.994	.314
site characteristic C	1	10	2.00	1.155	.365
	2	10	2.00	.816	.258
site characteristic D	1	10	2.90	1.197	.379

	2	10	2.30	1.337	.423
site characteristic E	1	10	2.10	1.449	.458
	2	10	1.60	1.075	.340
site characteristic F	1	10	2.40	1.075	.340
	2	10	2.60	1.430	.452
site characteristic G	1	10	2.20	1.398	.442
	2	10	2.30	1.252	.396

Independent Samples Test

		Levene's Test for Equality of Variances		t-test for Equality of Means						
									95% Confidence Interval of the Difference	
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	Lower	Upper
site characteristic A	Equal variances assumed	2.347	.143	-1.756	18	.096	-1.000	.570	-2.197	.197
	Equal variances not assumed			-1.756	14.636	.100	-1.000	.570	-2.217	.217
site characteristic B	Equal variances assumed	1.571	.226	1.138	18	.270	.600	.527	-.507	1.707
	Equal variances not assumed			1.138	16.621	.271	.600	.527	-.514	1.714
site characteristic C	Equal variances assumed	.000	1.000	.000	18	1.000	.000	.447	-.940	.940
	Equal variances not assumed			.000	16.200	1.000	.000	.447	-.947	.947
site characteristic D	Equal variances assumed	.732	.403	1.057	18	.304	.600	.568	-.593	1.793
	Equal variances not assumed			1.057	17.783	.305	.600	.568	-.594	1.794

site characteristic E	Equal variances assumed	.876	.362	.876	18	.392	.500	.571	-.699	1.699
	Equal variances not assumed			.876	16.603	.393	.500	.571	-.706	1.706
site characteristic F	Equal variances assumed	1.385	.255	-.354	18	.728	-.200	.566	-1.388	.988
	Equal variances not assumed			-.354	16.711	.728	-.200	.566	-1.395	.995
site characteristic G	Equal variances assumed	.005	.947	-.168	18	.868	-.100	.593	-1.347	1.147
	Equal variances not assumed			-.168	17.783	.868	-.100	.593	-1.348	1.148

Group Statistics

	VAR00001	N	Mean	Std. Deviation	Std. Error Mean
financing A	1	10	3.00	1.333	.422
	2	10	3.40	1.647	.521
financing B	1	10	3.20	1.229	.389
	2	10	1.90	.876	.277
financing C	1	10	2.30	1.160	.367
	2	10	2.50	1.434	.453
financing D	1	10	2.10	1.449	.458
	2	10	2.00	1.247	.394

Independent Samples Test

		Levene's Test for Equality of Variances		t-test for Equality of Means					
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	95% Confidence Interval of the Difference

									Lower	Upper
financing A	Equal variances assumed	1.333	.263	-.597	18	.558	-.400	.670	-1.808	1.008
	Equal variances not assumed			-.597	17.254	.558	-.400	.670	-1.812	1.012
financing B	Equal variances assumed	1.327	.264	2.724	18	.014	1.300	.477	.297	2.303
	Equal variances not assumed			2.724	16.263	.015	1.300	.477	.290	2.310
financing C	Equal variances assumed	1.371	.257	-.343	18	.736	-.200	.583	-1.425	1.025
	Equal variances not assumed			-.343	17.246	.736	-.200	.583	-1.429	1.029
financing D	Equal variances assumed	.178	.678	.165	18	.870	.100	.605	-1.170	1.370
	Equal variances not assumed			.165	17.609	.871	.100	.605	-1.172	1.372

Group Statistics

	VAR00001	N	Mean	Std. Deviation	Std. Error Mean
environment A	1	10	3.10	1.449	.458
	2	10	2.90	1.729	.547
environment B	1	10	2.90	1.370	.433
	2	10	1.90	.876	.277
environment C	1	10	2.90	.876	.277
	2	10	2.80	1.619	.512

Independent Samples Test

		Levene's Test for Equality of Variances	t-test for Equality of Means

						Sig. (2-tailed)	Mean Difference	Std. Error Difference	95% Confidence Interval of the Difference	
		F	Sig.	t	df				Lower	Upper
environment A	Equal variances assumed	1.208	.286	.280	18	.782	.200	.713	-1.299	1.699
	Equal variances not assumed			.280	17.467	.782	.200	.713	-1.302	1.702
environment B	Equal variances assumed	2.372	.141	1.945	18	.068	1.000	.514	-.080	2.080
	Equal variances not assumed			1.945	15.299	.070	1.000	.514	-.094	2.094
environment C	Equal variances assumed	7.281	.015	.172	18	.866	.100	.582	-1.123	1.323
	Equal variances not assumed			.172	13.848	.866	.100	.582	-1.150	1.350

Group Statistics

	VAR00002	N	Mean	Std. Deviation	Std. Error Mean
change A	1	10	3.30	1.059	.335
	2	10	3.20	1.317	.416
change B	1	10	3.80	.919	.291
	2	10	2.80	1.135	.359
change C	1	10	2.70	1.252	.396
	2	10	2.60	1.430	.452

Independent Samples Test										
		Levene's Test for Equality of Variances		t-test for Equality of Means						
									95% Confidence Interval of the Difference	
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	Lower	Upper
change A	Equal variances assumed	.775	.390	.187	18	.854	.100	.534	-1.023	1.223
	Equal variances not assumed			.187	17.212	.854	.100	.534	-1.026	1.226
change B	Equal variances assumed	.306	.587	2.165	18	.044	1.000	.462	.030	1.970
	Equal variances not assumed			2.165	17.251	.045	1.000	.462	.027	1.973
change C	Equal variances assumed	.150	.703	.166	18	.870	.100	.601	-1.162	1.362
	Equal variances not assumed			.166	17.690	.870	.100	.601	-1.164	1.364

Group Statistics					
	VAR00001	N	Mean	Std. Deviation	Std. Error Mean
contract document A	1	10	3.70	.949	.300
	2	10	3.50	1.650	.522
contract document B	1	10	3.90	.994	.314
	2	10	3.10	1.287	.407

contract document C	1	10	3.30	1.494	.473
	2	10	2.90	1.287	.407
contract document D	1	10	3.30	1.160	.367
	2	10	4.20	1.033	.327
contract document E	1	10	3.50	1.434	.453
	2	10	3.30	1.494	.473
contract document F	1	10	3.20	1.317	.416
	2	10	2.80	1.619	.512

Independent Samples Test

		Levene's Test for Equality of Variances		t-test for Equality of Means						
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	95% Confidence Interval of the Difference	
									Lower	Upper
contract document A	Equal variances assumed	5.103	.037	.332	18	.743	.200	.602	-1.064	1.464
	Equal variances not assumed			.332	14.365	.744	.200	.602	-1.088	1.488
contract document B	Equal variances assumed	.379	.546	1.556	18	.137	.800	.514	-.280	1.880
	Equal variances not assumed			1.556	16.924	.138	.800	.514	-.285	1.885
contract document C	Equal variances assumed	1.349	.261	.641	18	.529	.400	.624	-.910	1.710

	Equal variances not assumed			.641	17.611	.530	.400	.624	-.912	1.712
contract document D	Equal variances assumed	.125	.728	-1.833	18	.083	-.900	.491	-1.932	.132
	Equal variances not assumed			-1.833	17.764	.084	-.900	.491	-1.933	.133
contract document E	Equal variances assumed	.013	.909	.305	18	.764	.200	.655	-1.176	1.576
	Equal variances not assumed			.305	17.969	.764	.200	.655	-1.176	1.576
contract document F	Equal variances assumed	1.328	.264	.606	18	.552	.400	.660	-.987	1.787
	Equal variances not assumed			.606	17.280	.552	.400	.660	-.991	1.791

Group Statistics

	VAR00001	N	Mean	Std. Deviation	Std. Error Mean
planning and scheduling A	1	10	2.80	1.033	.327
	2	10	3.40	1.174	.371
planning and scheduling B	1	10	3.30	1.160	.367
	2	10	2.50	1.080	.342
mplanning and scheduling C	1	10	3.20	1.135	.359
	2	10	2.80	1.476	.467
planning and scheduling D	1	10	3.30	.675	.213
	2	10	3.40	1.265	.400
planning and schedulingl E	1	10	2.90	1.370	.433
	2	10	3.30	1.059	.335

Independent Samples Test										
		Levene's Test for Equality of Variances		t-test for Equality of Means						
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	95% Confidence Interval of the Difference	
									Lower	Upper
planning and scheduling A	Equal variances assumed	.466	.504	-1.214	18	.241	-.600	.494	-1.639	.439
	Equal variances not assumed			-1.214	17.713	.241	-.600	.494	-1.640	.440
planning and scheduling B	Equal variances assumed	.000	1.000	1.596	18	.128	.800	.501	-.253	1.853
	Equal variances not assumed			1.596	17.910	.128	.800	.501	-.253	1.853
mplanning and scheduling C	Equal variances assumed	.529	.476	.679	18	.506	.400	.589	-.837	1.637
	Equal variances not assumed			.679	16.890	.506	.400	.589	-.843	1.643
planning and scheduling D	Equal variances assumed	3.248	.088	-.221	18	.828	-.100	.453	-1.053	.853
	Equal variances not assumed			-.221	13.741	.829	-.100	.453	-1.074	.874
planning and schedulingl	Equal variances assumed	1.344	.262	-.730	18	.475	-.400	.548	-1.551	.751

E	Equal variances not assumed			-.730	16.926	.475	-.400	.548	-1.556	.756

Group Statistics

	VAR00001	N	Mean	Std. Deviation	Std. Error Mean
Inspeksi, Kontrol dan Evaluasi Pekerjaan A	1	10	2.30	.823	.260
	2	10	2.90	1.449	.458
Inspeksi, Kontrol dan Evaluasi Pekerjaan B	1	10	2.80	1.398	.442
	2	10	2.00	.816	.258
Inspeksi, Kontrol dan Evaluasi Pekerjaan C	1	10	1.50	.527	.167
	2	10	2.10	1.287	.407
Inspeksi, Kontrol dan Evaluasi Pekerjaan D	1	10	2.20	.919	.291
	2	10	2.10	1.449	.458
Inspeksi, Kontrol dan Evaluasi Pekerjaan E	1	10	2.80	1.317	.416
	2	10	2.70	.823	.260
Inspeksi, Kontrol dan Evaluasi Pekerjaan F	1	10	2.80	1.229	.389
	2	10	3.00	1.247	.394
Inspeksi, Kontrol dan Evaluasi Pekerjaan G	1	10	2.50	1.354	.428
	2	10	1.60	1.075	.340

Independent Samples Test

		Levene's Test for Equality of Variances		t-test for Equality of Means						
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	95% Confidence Interval of the Difference	
									Lower	Upper
Inspeksi, Kontrol dan Evaluasi	Equal variances assumed	2.101	.164	-1.138	18	.270	-.600	.527	-1.707	.507

Pekerjaan A	Equal variances not assumed			-1.138	14.261	.274	-.600	.527	-1.728	.528
Inspeksi, Kontrol dan Evaluasi Pekerjaan B	Equal variances assumed	5.786	.027	1.562	18	.136	.800	.512	-.276	1.876
	Equal variances not assumed			1.562	14.497	.140	.800	.512	-.295	1.895
Inspeksi, Kontrol dan Evaluasi Pekerjaan C	Equal variances assumed	2.873	.107	-1.365	18	.189	-.600	.440	-1.524	.324
	Equal variances not assumed			-1.365	11.937	.198	-.600	.440	-1.559	.359
Inspeksi, Kontrol dan Evaluasi Pekerjaan D	Equal variances assumed	2.145	.160	.184	18	.856	.100	.543	-1.040	1.240
	Equal variances not assumed			.184	15.231	.856	.100	.543	-1.055	1.255
Inspeksi, Kontrol dan Evaluasi Pekerjaan E	Equal variances assumed	2.255	.151	.204	18	.841	.100	.491	-.932	1.132
	Equal variances not assumed			.204	15.105	.841	.100	.491	-.946	1.146
Inspeksi, Kontrol dan Evaluasi Pekerjaan F	Equal variances assumed	.000	1.000	-.361	18	.722	-.200	.554	-1.363	.963
	Equal variances not assumed			-.361	17.996	.722	-.200	.554	-1.363	.963
Inspeksi, Kontrol dan Evaluasi	Equal variances assumed	.786	.387	1.646	18	.117	.900	.547	-.249	2.049

Pekerjaan G	Equal variances not assumed			1.646	17.120	.118	.900	.547	-.253	2.053

Group Statistics

	VAR00001	N	Mean	Std. Deviation	Std. Error Mean
managerial A	1	10	2.90	1.287	.407
	2	10	3.30	1.636	.517
managerial B	1	10	3.20	1.229	.389
	2	10	2.70	1.252	.396

Independent Samples Test

		Levene's Test for Equality of Variances		t-test for Equality of Means						
									95% Confidence Interval of the Difference	
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	Lower	Upper
managerial A	Equal variances assumed	1.361	.259	-.608	18	.551	-.400	.658	-1.783	.983
	Equal variances not assumed			-.608	17.051	.551	-.400	.658	-1.789	.989
managerial B	Equal variances assumed	.017	.898	.901	18	.379	.500	.555	-.666	1.666
	Equal variances not assumed			.901	17.994	.379	.500	.555	-.666	1.666

LAMPIRAN 5

Output SPSS T-Test Swasta

1= penyedia jasa
2 =pengguna jasa

Group Statistics					
	VAR00001	N	Mean	Std. Deviation	Std. Error Mean
labors A	1	10	1.80	1.317	.416
	2	10	1.90	1.101	.348
labors B	1	10	2.90	1.370	.433
	2	10	2.00	1.054	.333
labors C	1	10	2.00	.667	.211
	2	10	2.30	1.252	.396
labors D	1	10	3.50	.850	.269
	2	10	2.90	1.197	.379
labors E	1	10	4.00	1.054	.333
	2	10	3.10	1.449	.458
labors F	1	10	2.80	1.229	.389
	2	10	2.60	1.430	.452
labors G	1	10	3.50	.850	.269
	2	10	2.60	1.075	.340

Independent Samples Test										
		Levene's Test for Equality of Variances		t-test for Equality of Means						
									95% Confidence Interval of the Difference	
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	Lower	Upper
labors A	Equal variances assumed	.035	.853	-.184	18	.856	-.100	.543	-1.240	1.040

	Equal variances not assumed			-.184	17.451	.856	-.100	.543	-1.243	1.043
labors B	Equal variances assumed	1.158	.296	1.646	18	.117	.900	.547	-.249	2.049
	Equal variances not assumed			1.646	16.889	.118	.900	.547	-.254	2.054
labors C	Equal variances assumed	3.875	.065	-.669	18	.512	-.300	.448	-1.242	.642
	Equal variances not assumed			-.669	13.726	.515	-.300	.448	-1.264	.664
labors D	Equal variances assumed	.915	.351	1.292	18	.213	.600	.464	-.375	1.575
	Equal variances not assumed			1.292	16.233	.214	.600	.464	-.383	1.583
labors E	Equal variances assumed	.926	.349	1.588	18	.130	.900	.567	-.291	2.091
	Equal variances not assumed			1.588	16.441	.131	.900	.567	-.299	2.099
labors F	Equal variances assumed	.340	.567	.335	18	.741	.200	.596	-1.053	1.453
	Equal variances not assumed			.335	17.604	.741	.200	.596	-1.055	1.455
labors G	Equal variances assumed	.685	.419	2.077	18	.052	.900	.433	-.010	1.810
	Equal variances not assumed			2.077	17.090	.053	.900	.433	-.014	1.814

Group Statistics

	VAR00001	N	Mean	Std. Deviation	Std. Error Mean
material A	1	10	2.10	1.197	.379
	2	10	1.90	1.287	.407
material B	1	10	2.50	1.080	.342
	2	10	2.90	1.287	.407
materialC	1	10	2.30	1.337	.423
	2	10	2.80	1.229	.389

material D	1	10	2.70	1.567	.496
	2	10	3.20	1.317	.416
material E	1	10	3.00	1.333	.422
	2	10	2.50	1.354	.428
material F	1	10	2.00	1.054	.333
	2	10	2.60	1.430	.452
material G	1	10	2.30	1.418	.448
	2	10	2.20	1.033	.327

Independent Samples Test

		Levene's Test for Equality of Variances		t-test for Equality of Means						
									95% Confidence Interval of the Difference	
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	Lower	Upper
material A	Equal variances assumed	.013	.910	.360	18	.723	.200	.556	-.968	1.368
	Equal variances not assumed			.360	17.907	.723	.200	.556	-.968	1.368
material B	Equal variances assumed	.692	.416	-.753	18	.461	-.400	.531	-1.516	.716
	Equal variances not assumed			-.753	17.476	.462	-.400	.531	-1.519	.719
materialC	Equal variances assumed	.118	.735	-.870	18	.396	-.500	.574	-1.707	.707

	Equal variances not assumed			-.870	17.873	.396	-.500	.574	-1.708	.708
material D	Equal variances assumed	.750	.398	-.773	18	.450	-.500	.647	-1.860	.860
	Equal variances not assumed			-.773	17.480	.450	-.500	.647	-1.863	.863
material E	Equal variances assumed	.087	.772	.832	18	.416	.500	.601	-.762	1.762
	Equal variances not assumed			.832	17.996	.416	.500	.601	-.763	1.763
material F	Equal variances assumed	1.895	.186	-1.068	18	.300	-.600	.562	-1.780	.580
	Equal variances not assumed			-1.068	16.552	.301	-.600	.562	-1.788	.588
material G	Equal variances assumed	1.282	.272	.180	18	.859	.100	.555	-1.066	1.266
	Equal variances not assumed			.180	16.451	.859	.100	.555	-1.073	1.273

Group Statistics

	VAR00002	N	Mean	Std. Deviation	Std. Error Mean
equipmentl A	1	10	2.60	1.174	.371
	2	10	2.70	1.160	.367
equipment B	1	10	3.20	1.229	.389
	2	10	2.50	1.179	.373
equipment C	1	10	2.60	1.075	.340
	2	10	3.10	1.449	.458

equipmentD	1	10	3.30	1.418	.448
	2	10	2.80	1.317	.416
equipment E	1	10	3.30	1.160	.367
	2	10	3.40	1.265	.400

Independent Samples Test

		Levene's Test for Equality of Variances		t-test for Equality of Means						
									95% Confidence Interval of the Difference	
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	Lower	Upper
equipmentl A	Equal variances assumed	.141	.712	-.192	18	.850	-.100	.522	-1.196	.996
	Equal variances not assumed			-.192	17.997	.850	-.100	.522	-1.196	.996
equipment B	Equal variances assumed	.000	1.000	1.300	18	.210	.700	.539	-.431	1.831
	Equal variances not assumed			1.300	17.968	.210	.700	.539	-.432	1.832
equipment C	Equal variances assumed	.890	.358	-.876	18	.392	-.500	.571	-1.699	.699
	Equal variances not assumed			-.876	16.603	.393	-.500	.571	-1.706	.706
equipmentD	Equal variances assumed	.030	.864	.817	18	.425	.500	.612	-.786	1.786

	Equal variances not assumed			.817	17.901	.425	.500	.612	-.786	1.786
equipment E	Equal variances assumed	.107	.747	-.184	18	.856	-.100	.543	-1.240	1.040
	Equal variances not assumed			-.184	17.865	.856	-.100	.543	-1.241	1.041

Group Statistics

	VAR00001	N	Mean	Std. Deviation	Std. Error Mean
site characteristic A	1	10	3.60	1.578	.499
	2	10	3.90	1.663	.526
site characteristic B	1	10	3.50	.972	.307
	2	10	3.20	1.317	.416
site characteristic C	1	10	3.30	1.494	.473
	2	10	3.70	1.252	.396
site characteristic D	1	10	3.90	.876	.277
	2	10	3.80	1.033	.327
site characteristic E	1	10	3.70	1.418	.448
	2	10	2.40	1.075	.340
site characteristic F	1	10	3.20	1.619	.512
	2	10	2.80	1.619	.512
site characteristic G	1	10	4.30	.823	.260
	2	10	3.30	1.160	.367

Independent Samples Test

		Levene's Test for Equality of Variances	t-test for Equality of Means

									95% Confidence Interval of the Difference	
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	Lower	Upper
site characteristic A	Equal variances assumed	.025	.876	-.414	18	.684	-.300	.725	-1.823	1.223
	Equal variances not assumed			-.414	17.950	.684	-.300	.725	-1.823	1.223
site characteristic B	Equal variances assumed	.753	.397	.580	18	.569	.300	.517	-.787	1.387
	Equal variances not assumed			.580	16.562	.570	.300	.517	-.794	1.394
site characteristic C	Equal variances assumed	.692	.416	-.649	18	.525	-.400	.616	-1.695	.895
	Equal variances not assumed			-.649	17.463	.525	-.400	.616	-1.698	.898
site characteristic D	Equal variances assumed	.304	.588	.234	18	.818	.100	.428	-.800	1.000
	Equal variances not assumed			.234	17.531	.818	.100	.428	-.801	1.001
site characteristic E	Equal variances assumed	.788	.386	2.310	18	.033	1.300	.563	.118	2.482
	Equal variances not assumed			2.310	16.775	.034	1.300	.563	.112	2.488

site characteristic F	Equal variances assumed	.000	1.000	.552	18	.588	.400	.724	-1.121	1.921
	Equal variances not assumed			.552	18.000	.588	.400	.724	-1.121	1.921
site characteristic G	Equal variances assumed	.692	.416	2.224	18	.039	1.000	.450	.055	1.945
	Equal variances not assumed			2.224	16.235	.041	1.000	.450	.048	1.952

Group Statistics

	VAR00001	N	Mean	Std. Deviation	Std. Error Mean
financing A	1	10	3.00	1.414	.447
	2	10	3.30	1.567	.496
financing B	1	10	2.90	1.370	.433
	2	10	2.10	1.287	.407
financing C	1	10	3.00	1.414	.447
	2	10	2.70	1.418	.448
financing D	1	10	3.30	.949	.300
	2	10	3.60	1.350	.427

Independent Samples Test

		Levene's Test for Equality of Variances		t-test for Equality of Means						
									95% Confidence Interval of the Difference	
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	Lower	Upper
financing A	Equal variances assumed	1.005	.329	-.449	18	.658	-.300	.667	-1.702	1.102

	Equal variances not assumed			-.449	17.814	.659	-.300	.667	-1.703	1.103
financing B	Equal variances assumed	.280	.603	1.346	18	.195	.800	.594	-.449	2.049
	Equal variances not assumed			1.346	17.929	.195	.800	.594	-.449	2.049
financing C	Equal variances assumed	.094	.763	.474	18	.641	.300	.633	-1.031	1.631
	Equal variances not assumed			.474	18.000	.641	.300	.633	-1.031	1.631
financing D	Equal variances assumed	1.305	.268	-.575	18	.572	-.300	.522	-1.396	.796
	Equal variances not assumed			-.575	16.147	.573	-.300	.522	-1.405	.805

Group Statistics					
	VAR00001	N	Mean	Std. Deviation	Std. Error Mean
environment A	1	10	3.30	1.059	.335
	2	10	3.70	1.494	.473
environment B	1	10	2.50	1.509	.477
	2	10	2.40	1.350	.427
environment C	1	10	3.30	1.160	.367
	2	10	2.80	1.033	.327

Independent Samples Test										
		Levene's Test for Equality of Variances		t-test for Equality of Means						
									95% Confidence Interval of the Difference	
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	Lower	Upper
environment A	Equal variances assumed	3.488	.078	-.691	18	.499	-.400	.579	-1.617	.817

	Equal variances not assumed			-.691	16.221	.500	-.400	.579	-1.627	.827
environment B	Equal variances assumed	.523	.479	.156	18	.878	.100	.640	-1.245	1.445
	Equal variances not assumed			.156	17.780	.878	.100	.640	-1.246	1.446
environment C	Equal variances assumed	.050	.826	1.018	18	.322	.500	.491	-.532	1.532
	Equal variances not assumed			1.018	17.764	.322	.500	.491	-.533	1.533

Group Statistics

	VAR00001	N	Mean	Std. Deviation	Std. Error Mean
change A	1	10	1.60	.843	.267
	2	10	2.70	1.567	.496
change B	1	10	2.30	.949	.300
	2	10	1.90	1.287	.407
change C	1	10	2.70	1.160	.367
	2	10	2.60	.966	.306

Independent Samples Test

		Levene's Test for Equality of Variances		t-test for Equality of Means						
									95% Confidence Interval of the Difference	
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	Lower	Upper
change A	Equal variances assumed	4.719	.043	-1.955	18	.066	-1.100	.563	-2.282	.082
	Equal variances not assumed			-1.955	13.809	.071	-1.100	.563	-2.309	.109
change B	Equal variances assumed	.193	.665	.791	18	.439	.400	.506	-.662	1.462

	Equal variances not assumed			.791	16.553	.440	.400	.506	-.669	1.469
change C	Equal variances assumed	.150	.703	.210	18	.836	.100	.477	-.903	1.103
	Equal variances not assumed			.210	17.432	.836	.100	.477	-.905	1.105

Group Statistics

	VAR00001	N	Mean	Std. Deviation	Std. Error Mean
contract document A	1	10	2.10	1.370	.433
	2	10	2.30	1.418	.448
contract document B	1	10	2.60	1.350	.427
	2	10	1.80	.789	.249
contract document C	1	10	2.20	.919	.291
	2	10	2.10	1.197	.379
contract document D	1	10	1.60	.843	.267
	2	10	2.60	1.430	.452
contract document E	1	10	2.40	1.350	.427
	2	10	2.30	1.059	.335
contract document F	1	10	2.70	1.160	.367
	2	10	2.80	1.619	.512

Independent Samples Test

		Levene's Test for Equality of Variances		t-test for Equality of Means						
									95% Confidence Interval of the Difference	
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	Lower	Upper
contract document A	Equal variances assumed	.016	.901	-.321	18	.752	-.200	.624	-1.510	1.110

	Equal variances not assumed			-.321	17.979	.752	-.200	.624	-1.510	1.110
contract document B	Equal variances assumed	3.869	.065	1.618	18	.123	.800	.494	-.239	1.839
	Equal variances not assumed			1.618	14.505	.127	.800	.494	-.257	1.857
contract document C	Equal variances assumed	.057	.814	.210	18	.836	.100	.477	-.903	1.103
	Equal variances not assumed			.210	16.872	.837	.100	.477	-.908	1.108
contract document D	Equal variances assumed	3.975	.062	-1.905	18	.073	-1.000	.525	-2.103	.103
	Equal variances not assumed			-1.905	14.585	.077	-1.000	.525	-2.122	.122
contract document E	Equal variances assumed	.433	.519	.184	18	.856	.100	.543	-1.040	1.240
	Equal variances not assumed			.184	17.037	.856	.100	.543	-1.045	1.245
contract document F	Equal variances assumed	2.531	.129	-.159	18	.876	-.100	.630	-1.423	1.223
	Equal variances not assumed			-.159	16.308	.876	-.100	.630	-1.433	1.233

Group Statistics					
	VAR00001	N	Mean	Std. Deviation	Std. Error Mean
planning and scheduling A	1	10	3.40	1.506	.476

	2	10	3.20	1.398	.442
planning and scheduling B	1	10	3.20	1.229	.389
	2	10	2.10	.876	.277
mplanning and scheduling C	1	10	3.10	1.287	.407
	2	10	2.90	1.729	.547
planning and scheduling D	1	10	3.40	.966	.306
	2	10	3.30	1.567	.496
planning and schedulingl E	1	10	3.40	1.430	.452
	2	10	2.90	.994	.314

Independent Samples Test

		Levene's Test for Equality of Variances		t-test for Equality of Means						
									95% Confidence Interval of the Difference	
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	Lower	Upper
planning and scheduling A	Equal variances assumed	.180	.676	.308	18	.762	.200	.650	-1.165	1.565
	Equal variances not assumed			.308	17.903	.762	.200	.650	-1.166	1.566
planning and scheduling B	Equal variances assumed	1.327	.264	2.305	18	.033	1.100	.477	.097	2.103
	Equal variances not assumed			2.305	16.263	.035	1.100	.477	.090	2.110
mplanning and scheduling	Equal variances assumed	2.000	.174	.293	18	.773	.200	.682	-1.232	1.632

C	Equal variances not assumed			.293	16.629	.773	.200	.682	-1.240	1.640
planning and scheduling D	Equal variances assumed	3.125	.094	.172	18	.866	.100	.582	-1.123	1.323
	Equal variances not assumed			.172	14.978	.866	.100	.582	-1.141	1.341
planning and schedulingl E	Equal variances assumed	2.565	.127	.908	18	.376	.500	.551	-.657	1.657
	Equal variances not assumed			.908	16.056	.377	.500	.551	-.667	1.667

Group Statistics

	VAR00001	N	Mean	Std. Deviation	Std. Error Mean
Inspeksi, Kontrol dan Evaluasi Pekerjaan A	1	10	2.90	1.449	.458
	2	10	3.60	1.506	.476
Inspeksi, Kontrol dan Evaluasi Pekerjaan B	1	10	3.20	1.317	.416
	2	10	2.50	1.080	.342
Inspeksi, Kontrol dan Evaluasi Pekerjaan C	1	10	4.10	.994	.314
	2	10	3.20	1.751	.554
Inspeksi, Kontrol dan Evaluasi Pekerjaan D	1	10	3.80	.919	.291
	2	10	3.90	1.449	.458
Inspeksi, Kontrol dan Evaluasi Pekerjaan E	1	10	3.30	1.337	.423
	2	10	2.90	1.287	.407
Inspeksi, Kontrol dan Evaluasi Pekerjaan F	1	10	2.50	1.080	.342
	2	10	2.80	1.619	.512
Inspeksi, Kontrol dan Evaluasi Pekerjaan G	1	10	4.30	1.059	.335
	2	10	3.60	1.350	.427

Independent Samples Test										
		Levene's Test for Equality of Variances		t-test for Equality of Means						
									95% Confidence Interval of the Difference	
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	Lower	Upper
Inspeksi, Kontrol dan Evaluasi Pekerjaan A	Equal variances assumed	.178	.678	-1.059	18	.303	-.700	.661	-2.088	.688
	Equal variances not assumed			-1.059	17.974	.303	-.700	.661	-2.088	.688
Inspeksi, Kontrol dan Evaluasi Pekerjaan B	Equal variances assumed	.246	.626	1.300	18	.210	.700	.539	-.431	1.831
	Equal variances not assumed			1.300	17.338	.211	.700	.539	-.434	1.834
Inspeksi, Kontrol dan Evaluasi Pekerjaan C	Equal variances assumed	9.098	.007	1.413	18	.175	.900	.637	-.438	2.238
	Equal variances not assumed			1.413	14.258	.179	.900	.637	-.464	2.264
Inspeksi, Kontrol dan Evaluasi Pekerjaan D	Equal variances assumed	1.465	.242	-.184	18	.856	-.100	.543	-1.240	1.040
	Equal variances not assumed			-.184	15.231	.856	-.100	.543	-1.255	1.055
Inspeksi, Kontrol dan Evaluasi	Equal variances assumed	.229	.638	.682	18	.504	.400	.587	-.833	1.633

Pekerjaan E	Equal variances not assumed			.682	17.973	.504	.400	.587	-.833	1.633
Inspeksi, Kontrol dan Evaluasi Pekerjaan F	Equal variances assumed	3.516	.077	-.487	18	.632	-.300	.616	-1.593	.993
	Equal variances not assumed			-.487	15.685	.633	-.300	.616	-1.607	1.007
Inspeksi, Kontrol dan Evaluasi Pekerjaan G	Equal variances assumed	.666	.425	1.290	18	.213	.700	.543	-.440	1.840
	Equal variances not assumed			1.290	17.037	.214	.700	.543	-.445	1.845

Group Statistics

	VAR00001	N	Mean	Std. Deviation	Std. Error Mean
managerial A	1	10	2.80	1.317	.416
	2	10	3.20	1.317	.416
managerial B	1	10	3.60	.843	.267
	2	10	2.60	1.265	.400

Independent Samples Test

		Levene's Test for Equality of Variances		t-test for Equality of Means						
									95% Confidence Interval of the Difference	
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	Lower	Upper
managerial A	Equal variances assumed	.000	1.000	-.679	18	.506	-.400	.589	-1.637	.837

	Equal variances not assumed			-.679	18.000	.506	-.400	.589	-1.637	.837
managerial B	Equal variances assumed	1.492	.238	2.080	18	.052	1.000	.481	-.010	2.010
	Equal variances not assumed			2.080	15.680	.054	1.000	.481	-.021	2.021

LAMPIRAN 6

Output SPSS T-Test Pemerintah Dan Swasta

1 = pemerintah
2 = swasta

Group Statistics					
	VAR00001	N	Mean	Std. Deviation	Std. Error Mean
labors A	1	20	2.50	1.670	.373
	2	20	1.85	1.182	.264
labors B	1	20	2.40	1.231	.275
	2	20	2.45	1.276	.285
labors C	1	20	2.30	1.302	.291
	2	20	2.15	.988	.221
labors D	1	20	2.90	.968	.216
	2	20	3.20	1.056	.236
labors E	1	20	2.50	1.235	.276
	2	20	3.55	1.317	.294
labors F	1	20	2.55	1.276	.285
	2	20	2.70	1.302	.291
labors G	1	20	3.15	1.268	.284
	2	20	3.05	1.050	.235

Independent Samples Test										
		Levene's Test for Equality of Variances		t-test for Equality of Means						
									95% Confidence Interval of the Difference	
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	Lower	Upper
labors A	Equal variances assumed	5.035	.031	1.421	38	.164	.650	.458	-.276	1.576

	Equal variances not assumed			1.421	34.217	.164	.650	.458	-.280	1.580
laborsB	Equal variances assumed	.081	.777	-.126	38	.900	-.050	.397	-.853	.753
	Equal variances not assumed			-.126	37.951	.900	-.050	.397	-.853	.753
laborsC	Equal variances assumed	.968	.331	.410	38	.684	.150	.365	-.590	.890
	Equal variances not assumed			.410	35.436	.684	.150	.365	-.592	.892
laborsD	Equal variances assumed	.167	.685	-.936	38	.355	-.300	.320	-.949	.349
	Equal variances not assumed			-.936	37.713	.355	-.300	.320	-.949	.349
laborsE	Equal variances assumed	.048	.827	-2.601	38	.013	-1.050	.404	-1.867	-.233
	Equal variances not assumed			-2.601	37.846	.013	-1.050	.404	-1.867	-.233
laborsF	Equal variances assumed	.018	.894	-.368	38	.715	-.150	.408	-.975	.675
	Equal variances not assumed			-.368	37.985	.715	-.150	.408	-.975	.675
laborsG	Equal variances assumed	.853	.361	.272	38	.787	.100	.368	-.645	.845
	Equal variances not assumed			.272	36.724	.787	.100	.368	-.646	.846

Group Statistics					
	VAR00001	N	Mean	Std. Deviation	Std. Error Mean
material A	1	20	2.55	1.191	.266
	2	20	2.00	1.214	.271
material B	1	20	2.35	.988	.221
	2	20	2.70	1.174	.263
materialC	1	20	2.15	.988	.221
	2	20	2.55	1.276	.285

material D	1	20	2.55	1.317	.294
	2	20	2.95	1.432	.320
material E	1	20	2.70	1.129	.252
	2	20	2.75	1.333	.298
material F	1	20	2.60	1.231	.275
	2	20	2.30	1.261	.282
material G	1	20	2.65	1.226	.274
	2	20	2.25	1.209	.270

Independent Samples Test

		Levene's Test for Equality of Variances		t-test for Equality of Means						
									95% Confidence Interval of the Difference	
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	Lower	Upper
material A	Equal variances assumed	.046	.832	1.446	38	.156	.550	.380	-.220	1.320
	Equal variances not assumed			1.446	37.986	.156	.550	.380	-.220	1.320
material B	Equal variances assumed	1.089	.303	-1.020	38	.314	-.350	.343	-1.045	.345
	Equal variances not assumed			-1.020	36.921	.314	-.350	.343	-1.045	.345
material C	Equal variances assumed	3.317	.076	-1.108	38	.275	-.400	.361	-1.131	.331
	Equal variances not assumed			-1.108	35.756	.275	-.400	.361	-1.132	.332
material D	Equal variances assumed	.005	.946	-.920	38	.364	-.400	.435	-1.281	.481
	Equal variances not assumed			-.920	37.737	.364	-.400	.435	-1.281	.481

material E	Equal variances assumed	.936	.339	-.128	38	.899	-.050	.391	-.841	.741
	Equal variances not assumed			-.128	36.995	.899	-.050	.391	-.841	.741
material F	Equal variances assumed	.000	1.000	.761	38	.451	.300	.394	-.498	1.098
	Equal variances not assumed			.761	37.979	.451	.300	.394	-.498	1.098
material G	Equal variances assumed	.067	.798	1.039	38	.305	.400	.385	-.379	1.179
	Equal variances not assumed			1.039	37.992	.305	.400	.385	-.379	1.179

Group Statistics

	VAR00001	N	Mean	Std. Deviation	Std. Error Mean
equipmentl A	1	20	3.10	1.252	.280
	2	20	2.65	1.137	.254
equipment B	1	20	2.60	1.095	.245
	2	20	2.85	1.226	.274
equipment C	1	20	2.95	1.356	.303
	2	20	2.85	1.268	.284
equipmentD	1	20	3.40	.754	.169
	2	20	3.05	1.356	.303
equipment E	1	20	2.80	1.105	.247
	2	20	3.35	1.182	.264

Independent Samples Test

		Levene's Test for Equality of Variances		t-test for Equality of Means					
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	95% Confidence Interval of the Difference

									Lower	Upper
equipmentlA	Equal variances assumed	.086	.771	1.190	38	.241	.450	.378	-.316	1.216
	Equal variances not assumed			1.190	37.649	.242	.450	.378	-.316	1.216
equipmentB	Equal variances assumed	.830	.368	-.680	38	.501	-.250	.368	-.994	.494
	Equal variances not assumed			-.680	37.529	.501	-.250	.368	-.994	.494
equipmentC	Equal variances assumed	.593	.446	.241	38	.811	.100	.415	-.740	.940
	Equal variances not assumed			.241	37.829	.811	.100	.415	-.741	.941
equipmentD	Equal variances assumed	4.443	.042	1.009	38	.319	.350	.347	-.352	1.052
	Equal variances not assumed			1.009	29.719	.321	.350	.347	-.359	1.059
equipmentE	Equal variances assumed	.182	.672	-1.520	38	.137	-.550	.362	-1.282	.182
	Equal variances not assumed			-1.520	37.828	.137	-.550	.362	-1.283	.183

Group Statistics

	VAR00001	N	Mean	Std. Deviation	Std. Error Mean
site characteristic A	1	20	2.30	1.342	.300
	2	20	3.75	1.585	.354
site characteristic B	1	20	2.40	1.188	.266
	2	20	3.35	1.137	.254
site characteristic C	1	20	2.00	.973	.218
	2	20	3.50	1.357	.303
site characteristic D	1	20	2.60	1.273	.285
	2	20	3.85	.933	.209
site characteristic E	1	20	1.85	1.268	.284
	2	20	3.05	1.395	.312
site characteristic F	1	20	2.50	1.235	.276

	2	20	3.00	1.589	.355
site characteristic G	1	20	2.25	1.293	.289
	2	20	3.80	1.105	.247

Independent Samples Test

		Levene's Test for Equality of Variances		t-test for Equality of Means						
									95% Confidence Interval of the Difference	
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	Lower	Upper
site characteristic A	Equal variances assumed	.678	.415	-3.122	38	.003	-1.450	.464	-2.390	-.510
	Equal variances not assumed			-3.122	36.989	.003	-1.450	.464	-2.391	-.509
site characteristic B	Equal variances assumed	.024	.877	-2.584	38	.014	-.950	.368	-1.694	-.206
	Equal variances not assumed			-2.584	37.927	.014	-.950	.368	-1.694	-.206
site characteristic C	Equal variances assumed	8.047	.007	-4.016	38	.000	-1.500	.373	-2.256	-.744
	Equal variances not assumed			-4.016	34.455	.000	-1.500	.373	-2.259	-.741
site characteristic D	Equal variances assumed	3.543	.067	-3.541	38	.001	-1.250	.353	-1.965	-.535

	Equal variances not assumed			-3.541	34.844	.001	-1.250	.353	-1.967	-.533
site characteristic E	Equal variances assumed	.032	.859	-2.847	38	.007	-1.200	.421	-2.053	-.347
	Equal variances not assumed			-2.847	37.661	.007	-1.200	.421	-2.053	-.347
site characteristic F	Equal variances assumed	2.956	.094	-1.111	38	.274	-.500	.450	-1.411	.411
	Equal variances not assumed			-1.111	35.819	.274	-.500	.450	-1.413	.413
site characteristic G	Equal variances assumed	1.372	.249	-4.076	38	.000	-1.550	.380	-2.320	-.780
	Equal variances not assumed			-4.076	37.102	.000	-1.550	.380	-2.320	-.780

Group Statistics

	VAR00001	N	Mean	Std. Deviation	Std. Error Mean
financing A	1	20	3.20	1.473	.329
	2	20	3.15	1.461	.327
financing B	1	20	2.55	1.234	.276
	2	20	2.50	1.357	.303
financing C	1	20	2.40	1.273	.285
	2	20	2.85	1.387	.310
financing D	1	20	2.05	1.317	.294
	2	20	3.45	1.146	.256

Independent Samples Test										
		Levene's Test for Equality of Variances		t-test for Equality of Means						
									95% Confidence Interval of the Difference	
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	Lower	Upper
financing A	Equal variances assumed	.010	.920	.108	38	.915	.050	.464	-.889	.989
	Equal variances not assumed			.108	37.998	.915	.050	.464	-.889	.989
financing B	Equal variances assumed	.246	.623	.122	38	.904	.050	.410	-.780	.880
	Equal variances not assumed			.122	37.663	.904	.050	.410	-.781	.881
financing C	Equal variances assumed	.412	.525	-1.069	38	.292	-.450	.421	-1.302	.402
	Equal variances not assumed			-1.069	37.725	.292	-.450	.421	-1.302	.402
financing D	Equal variances assumed	.323	.573	-3.587	38	.001	-1.400	.390	-2.190	-.610
	Equal variances not assumed			-3.587	37.288	.001	-1.400	.390	-2.191	-.609

Group Statistics					
	VAR00001	N	Mean	Std. Deviation	Std. Error Mean
environment A	1	20	3.00	1.556	.348
	2	20	3.50	1.277	.286
environment B	1	20	2.40	1.231	.275
	2	20	2.45	1.395	.312
environment C	1	20	2.85	1.268	.284
	2	20	3.05	1.099	.246

Independent Samples Test										
		Levene's Test for Equality of Variances		t-test for Equality of Means						
									95% Confidence Interval of the Difference	
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	Lower	Upper
environment A	Equal variances assumed	1.123	.296	-1.111	38	.274	-.500	.450	-1.411	.411
	Equal variances not assumed			-1.111	36.611	.274	-.500	.450	-1.412	.412
environment B	Equal variances assumed	.587	.448	-.120	38	.905	-.050	.416	-.892	.792
	Equal variances not assumed			-.120	37.425	.905	-.050	.416	-.893	.793
environment C	Equal variances assumed	.997	.324	-.533	38	.597	-.200	.375	-.960	.560
	Equal variances not assumed			-.533	37.248	.597	-.200	.375	-.960	.560

Group Statistics					
	VAR00001	N	Mean	Std. Deviation	Std. Error Mean
change A	1	20	3.25	1.164	.260
	2	20	2.15	1.348	.302
change B	1	20	3.30	1.129	.252
	2	20	2.10	1.119	.250
change C	1	20	2.65	1.309	.293
	2	20	2.65	1.040	.233

Independent Samples Test										
		Levene's Test for Equality of Variances		t-test for Equality of Means						
									95% Confidence Interval of the Difference	
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	Lower	Upper
change A	Equal variances assumed	.718	.402	2.761	38	.009	1.100	.398	.294	1.906
	Equal variances not assumed			2.761	37.208	.009	1.100	.398	.293	1.907
change B	Equal variances assumed	.186	.669	3.376	38	.002	1.200	.355	.481	1.919
	Equal variances not assumed			3.376	37.997	.002	1.200	.355	.481	1.919
change C	Equal variances assumed	2.803	.102	.000	38	1.000	.000	.374	-.757	.757
	Equal variances not assumed			.000	36.154	1.000	.000	.374	-.758	.758

Group Statistics					
	VAR00001	N	Mean	Std. Deviation	Std. Error Mean
contract document A	1	20	3.60	1.314	.294
	2	19	2.21	1.398	.321
contract document B	1	19	3.47	1.219	.280
	2	20	2.20	1.152	.258
contract document C	1	20	3.10	1.373	.307
	2	20	2.15	1.040	.233
contract document D	1	20	3.75	1.164	.260
	2	20	2.10	1.252	.280
contract document E	1	20	3.40	1.429	.320
	2	20	2.35	1.182	.264

contract document F	1	20	3.00	1.451	.324
	2	20	2.75	1.372	.307

Independent Samples Test

		Levene's Test for Equality of Variances		t-test for Equality of Means						
									95% Confidence Interval of the Difference	
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	Lower	Upper
contract document A	Equal variances assumed	.252	.619	3.200	37	.003	1.389	.434	.510	2.269
	Equal variances not assumed			3.195	36.523	.003	1.389	.435	.508	2.271
contract document B	Equal variances assumed	.459	.502	3.356	37	.002	1.274	.380	.505	2.043
	Equal variances not assumed			3.351	36.564	.002	1.274	.380	.503	2.044
contract document C	Equal variances assumed	3.070	.088	2.467	38	.018	.950	.385	.170	1.730
	Equal variances not assumed			2.467	35.407	.019	.950	.385	.169	1.731
contract document D	Equal variances assumed	.243	.625	4.316	38	.000	1.650	.382	.876	2.424
	Equal variances not assumed			4.316	37.799	.000	1.650	.382	.876	2.424
contract document E	Equal variances assumed	1.024	.318	2.532	38	.016	1.050	.415	.210	1.890
	Equal variances not assumed			2.532	36.710	.016	1.050	.415	.210	1.890
contract document	Equal variances assumed	.012	.912	.560	38	.579	.250	.446	-.654	1.154

F	Equal variances not assumed			.560	37.881	.579	.250	.446	-.654	1.154

Group Statistics

	VAR00001	N	Mean	Std. Deviation	Std. Error Mean
planning and scheduling A	1	20	3.10	1.119	.250
	2	20	3.30	1.418	.317
planning and scheduling B	1	20	2.90	1.165	.261
	2	20	2.65	1.182	.264
mplanning and scheduling C	1	20	3.00	1.298	.290
	2	20	3.00	1.487	.332
planning and scheduling D	1	20	3.35	.988	.221
	2	20	3.35	1.268	.284
planning and schedulingl E	1	20	3.10	1.210	.270
	2	20	3.15	1.226	.274

Independent Samples Test

		Levene's Test for Equality of Variances		t-test for Equality of Means						
									95% Confidence Interval of the Difference	
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	Lower	Upper
planning and scheduling A	Equal variances assumed	.858	.360	-.495	38	.623	-.200	.404	-1.018	.618
	Equal variances not assumed			-.495	36.055	.624	-.200	.404	-1.019	.619
planning and scheduling B	Equal variances assumed	.073	.788	.674	38	.505	.250	.371	-.501	1.001
	Equal variances not assumed			.674	37.992	.505	.250	.371	-.501	1.001

mplanning and scheduling C	Equal variances assumed	.950	.336	.000	38	1.000	.000	.441	-.893	.893
	Equal variances not assumed			.000	37.319	1.000	.000	.441	-.894	.894
planning and scheduling D	Equal variances assumed	1.812	.186	.000	38	1.000	.000	.359	-.728	.728
	Equal variances not assumed			.000	35.858	1.000	.000	.359	-.729	.729
planning and schedulingl E	Equal variances assumed	.068	.796	-.130	38	.897	-.050	.385	-.830	.730
	Equal variances not assumed			-.130	37.993	.897	-.050	.385	-.830	.730

Group Statistics

	VAR00001	N	Mean	Std. Deviation	Std. Error Mean
Inspeksi, Kontrol dan Evaluasi Pekerjaan A	1	20	2.60	1.188	.266
	2	19	3.21	1.512	.347
Inspeksi, Kontrol dan Evaluasi Pekerjaan B	1	20	2.40	1.188	.266
	2	20	2.85	1.226	.274
Inspeksi, Kontrol dan Evaluasi Pekerjaan C	1	20	1.80	1.005	.225
	2	20	3.65	1.461	.327
Inspeksi, Kontrol dan Evaluasi Pekerjaan D	1	20	2.15	1.182	.264
	2	20	3.85	1.182	.264
Inspeksi, Kontrol dan Evaluasi Pekerjaan E	1	20	2.75	1.070	.239
	2	20	3.10	1.294	.289
Inspeksi, Kontrol dan Evaluasi Pekerjaan F	1	20	2.90	1.210	.270
	2	20	2.65	1.348	.302
Inspeksi, Kontrol dan Evaluasi Pekerjaan G	1	20	2.05	1.276	.285
	2	20	3.95	1.234	.276

Independent Samples Test										
		Levene's Test for Equality of Variances		t-test for Equality of Means						
									95% Confidence Interval of the Difference	
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	Lower	Upper
Inspeksi, Kontrol,Evaluasi A	Equal variances assumed	2.072	.158	-1.406	37	.168	-.611	.434	-1.490	.269
	Equal variances not assumed			-1.397	34.164	.171	-.611	.437	-1.498	.277
Inspeksi, Kontrol,Evaluasi B	Equal variances assumed	.000	1.000	-1.179	38	.246	-.450	.382	-1.223	.323
	Equal variances not assumed			-1.179	37.962	.246	-.450	.382	-1.223	.323
Inspeksi, Kontrol dan Evaluasi C	Equal variances assumed	3.986	.053	-4.665	38	.000	-1.850	.397	-2.653	-1.047
	Equal variances not assumed			-4.665	33.698	.000	-1.850	.397	-2.656	-1.044
Inspeksi, Kontrol dan Evaluasi D	Equal variances assumed	.107	.745	-4.548	38	.000	-1.700	.374	-2.457	-.943
	Equal variances not assumed			-4.548	38.000	.000	-1.700	.374	-2.457	-.943
Inspeksi, Kontrol dan Evaluasi E	Equal variances assumed	.755	.390	-.932	38	.357	-.350	.375	-1.110	.410
	Equal variances not assumed			-.932	36.707	.357	-.350	.375	-1.111	.411
Inspeksi, Kontrol	Equal variances assumed	.481	.492	.617	38	.541	.250	.405	-.570	1.070

dan Evaluasi Pekerjaan F	Equal variances not assumed			.617	37.560	.541	.250	.405	-.570	1.070
Inspeksi, Kontrol dan Evaluasi Pekerjaan G	Equal variances assumed	.186	.668	-4.786	38	.000	-1.900	.397	-2.704	-1.096
	Equal variances not assumed			-4.786	37.958	.000	-1.900	.397	-2.704	-1.096

Group Statistics

	VAR00001	N	Mean	Std. Deviation	Std. Error Mean
managerial A	1	20	3.10	1.447	.324
	2	20	3.00	1.298	.290
managerial B	1	20	2.95	1.234	.276
	2	20	3.10	1.165	.261

Independent Samples Test

		Levene's Test for Equality of Variances		t-test for Equality of Means						
									95% Confidence Interval of the Difference	
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	Lower	Upper
managerial A	Equal variances assumed	.245	.624	.230	38	.819	.100	.435	-.780	.980
	Equal variances not assumed			.230	37.557	.819	.100	.435	-.780	.980
managerial B	Equal variances assumed	.040	.842	-.395	38	.695	-.150	.380	-.918	.618
	Equal variances not assumed			-.395	37.875	.695	-.150	.380	-.918	.618

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