

APPENDICES

APPENDIX A

Transcript 1

Safety Coordination Meeting

Project Manager : Today's meeting is we talk about more on coordination of our blasting work, about.....basically to obtain approval from all the various authorities.

Safety Manager : All the approval, except the final approval to come from PKH, is pending^{lah}. Have submitted all the documents?

Project Manager : And also.....we actually expected this blasting work to be clear off November but now I think we have to carry out some time in December. So, maybe Maniam can explain a bit of this.

Safety Manager : We are here to see the coordination of blasting work. Blasting work which will happen very soon^{lah}. Now we, more or less formalised all the application and all the submission to all ..(beeping sound of handphone).. the relevant authorities. This is one of the requirements that under the DBKH, we should disseminate this information well to all our neighbours and they fall on ..(noise).. our blasting will happen.....and seek their cooperation and support in.....in seeing this exercise goes on smooth^{lah}. We don't want to, any mishap occurring because of blasting work. This blasting is a very high riskhigh risk operation. In this respect, we like to coordinate all the safety aspects amongst you, among our workers and of course at the same time we would like to seek help^{lah}, your cooperation, especially when it comes to evacuation, clearing of your site office, machineries, people and then help to barrigate and cordoned of your area, not allow people to come into the dangerous zone. We have

identified the sentry points, the assembly points of the entire operation..... (noise)....

Coming back to security point, we be having one at the entrance there, one just in front of the PJ office, one behind of detention pond here, so we got to block this road so whatever lorries, machineries moving around the four road here, we have to stop*lah*. We have to stop. So I suggest during blasting time, all the machineries, all the lorries moving here, have to park *sebelah warung sanalah*...(noise)..

Anyway, we will notify you at least 24 hours ahead*lah*, on at least 24 hours before we are going to blast..... I mean we seek your cooperation, you have to sacrifice your lunch hour during the blasting day, and I'm sure all this happens and then we blast in a orderly manner. We want to do this in discipline and orderly manner, so that everything happens smoothly and all exercises done in safe manner*lah*.

Transcript 2

Engineer : Ah.....Can I say something? Since my area is big, outside of your volume.

Safety Manager : Zul, Zul, its not our intention to trouble anybody or like that. It is that this all will happen at the location. So.....

Engineer : In fact, my place in other project in Putrajaya, *tiap-tiap kali itu nak buat blastingkan*, every time they will give us a notice, we will sign and give back the notice, *tiap-tiap kali*.

Safety Manager : The siren and all we will foreword before *blastinglah*. That's mean we start off about 11.45 you can hear my siren and you get your people to start over. And then, once the blasting is all completed, you will have a long siren, meaning that you can return to your *placelah*. But not to worry, I'll be full time doing the checking.....and we will call back once the whole operation is completed safely.....(noise of crane moving).....Any other suggestion or wisdom input, Mr. Kim?
...(noise)...

Transcript 3

- Engineer : *Itu macam....result itu kena buat ke?*
- Safety Manager : We will indicatelah the propose dates.
- Engineer : No, I think *kalau kita ada pun.....*
- Safety Manager : But the final is the notice that I give.
- Engineer : *Yang perlu itu memang sederhana, okay. Itu.....itu mustahak.*
- Safety Manager : Right at now, its all be designed and taken care of by the consultants. But if you want a reading, I think.....
- Project Manager : I don't think it is necessary.
- Engineer : *I rasa tak perlu juga.*
- Safety Manager : No, but to the authorities, *yeslah.*
- Project Manager : Ah, to the authorities yes, but to our people....

Transcript 4

Safety Briefing

- Safety Manager : Ya, good morning. Today we are going to talk about this site, the changes in physical environment. Eh...from now, from today onward gate A will be closed because we going to start excavating our trench, excavating our trench, *kita akan mula korek, korek lubang sana, buat, buat terowong.* You going to start dig our trench to form part of the tunnel. Okey ,from today onward from tomorrow onward, sorry all of you have to come in through gate B, through gate B.

Now there is a small problem here, the bus will only ferry you up to across the trench, on the other side, now all of you, have to have walk, ah... So, from tomorrow onward you have to be a little bit more hardworking. *Daripada mulai besok, kawan-kawan semua ini harus bekerja lebih kuat ya, terpaksa, terpaksa jalan pusing sana mari ke depan.* Kemudian, *kebetulan*, fortunately, this maybe good news, maybe bad news, now we have also discovered the presence of rock inside the trench. I am now are...studying the best proposal to remove it, probably, worse come to worse, we may have to go for blasting. When the blasting procedures are on, I will further let you all know, how, how to, how I would be exerting control and what are the actions that all of you must do in order for me to blast this trench, properly and safely.

Now, I also notice eh, sometimes, here, when I am not around, many of you here, seem to take things easily ya! I notice from far many of you don't care about safety. You think Maniam not here, you can be a great hero. Please ah! *Kemalangan itu tidak berbau.* Accidents can happen anywhere, anytime. If you are not careful, you can be the next victim. The company spend a lot of money buying you all the PPE...we give you shoes, we give you helmet, we give you, we give you helmet.....(noise).....but many of you don't seemed to take it seriously. This is very, very wrong! Now, if I notice anyone, see I always carry a camera with me, if I notice anyone, not wearing.....(noise).....from now onwards I'm going to take photographs! I'm going to be very serious on this issue, I am going

to take photographs and I'm am going to fine, *potong gaji!! Habis saya cakap baik-baik sekalian semua tak nak dengar, terpaksa saya buat secara keras. Jadi minta maaf lah*, I am very sorry brother, very sorry. You don't follow my instructions, I have to be very harsh! Sometimes it is very difficult, but I have no choice!

The other thing, you see my man, I send my man, *itu...hari-hari kasihan budak itu*. I send my man, Nur Ali Khan and Babu here, everyday go and do the barricade there, they spend a lot of time barricade up everything, then suddenly some of you want to do the work there, you take off the barricade, never put it back. Eh.....if somebody open.....eh if somebody open, you know somebody not careful, he may just.....land it to the pit. He just land inside the, he may land inside the pit and then you see, it can be very dangerous. His life is.....(noise)..... *mungkin dia pisah, mungkin dia pisah mati, pisah mati. Jadi sekalian semua ini harus fikir tentang, setiap saat, every second you must think of your own safety.*

Now, we have done almost five hundred, eh sorry, we have done almost about 127 man hours, 127 hours without any accidents. I want to see, ...maybe....so that, we achieve one million man hour without accidents. Okey, in this Putrajaya there are many watchful eyes, there is the authority, police, you the Safety Officer, everybody seeing our job. Our job site very important, something very different from others, nah! You all should know, this on, Malaysia, first time making, this time this kind of tunnel project,

Malaysia first time doing you know, utility tunnel, so many people interested to know what is happening and, how it is happen, what they can learn. So, many people, I always have a lot visitors coming from the authorities, telecoms....TNB....what not, all come here and study why, how to do thisso very interesting and very challenging. So, we must give everyone a good impression that we take safety seriously. We say safety first!! We must really mean it, you know! Safety first means we must really mean it. We should show it, that we are serious about it. No you simply say, say, safety first and then, one man have no shoe, one man no helmet. What is this? Cannot! Big problem! I big problem! Big boss come everyday. Scold! Everyday question me. Now, I already very kind with all your people. Please don't make me tension! Please don't make me tension.....! And then I go and do, find everyone. I hope eh...you know... all of you will understand, cooperate and support, this project site. We already spend a lot of money on safety. So, so, no more, warning, this is final warning, final warning. If you don't adhere, don't follow.....nevermind, I...you go back! I'm going to send from now onward, if anybody tries to be funny, I'm going to send each and everyone out of the site. I don't want to see people ah! Violating Safety Law just like this. Understand? Tomorrow onward all of you please go to gate B. Okay? No more, gate A closed! All go to gate B, walk, come to site proper, morning with *kepala* checking, with everything, with *kepala* check, foreman check, confirm, where working, what work, already confirm then all man go to job site accordingly. Understand? *Faham? Jadi mulai*

besok, semua ikut pintu depan sana ya? Faham? All right? Okey now all man you move, go to your work, okey boleh bersurai...bersurai sekarang!

Transcript 5

Project Manager : Last year it happen*lah*. It was at the other side. Actually what was the root cause ah? Maybe the left hand side.....ah?

Safety Manager : Zulwere you there at the scene, I wasn't there, so, I.....

Zul : Ah.....One hour after the accident, I...I back there lah, but ...
sebelum itu I pun tak ada dekat sana.....

Project Manager : What was the root cause eh? What happened?

Safety Manager : I think, approaching him was.....

Project Manager : Zul, Zul, your 'dangerous zone' is very important.

Zul : *Dulu, dulu, ia tidak dikuatkuasakan 'dangerous zone' you know? So, dia orang cakap tiga ratus, tapi, dia letak 220. That's why, bila, bila, letup hari itu, memang letup besar, dekat sini, lebih kurang 300, berapa meter dia. So, maybe elok-elok tak sampailah.*

Project Manager : You go to my border, my border is like that*lah*....my workers there okay*lah*.

Safety Manager : Weather condition also another matter*lah*, very damp.

Zul : *Hujan kah? Letupan besarlah. Very big, boleh tembus zink, jatuh kepala.*

Transcript 6

- Project Manager : Arrange for a fair blast you know! You have to convince the head office lah, Maniam! Don't let your head office to control, what you call that eh, override you?
- Safety Manager : No, no, I will finalise with them this Saturday^{lah}.
- Project Manager : Sometimes, a lot of blasting expert ah, especially from the quarry side, you know. Wow! Wow! Work ah! There its different you know.
- Safety Manager : Ya, ya, there their concern is only.....
- Project Manager : You have to convince ah! What you call that eh, especially for Mr.Maniam and Mr.Eng ah! We all site people, we can understand

Transcript 7

At the site, while cleaning drains.

- Safety Supervisor : All work clean by ten o'clock. This small drains clear first. Throw all rubbish, there! Over there, understand?
- Labourer : Okey boss, small drain clean first, throw all rubbish, okey! Okey! What time boss come?
- Safety Supervisor : Ten o'clock, after *makan* morning
- Labourer : Okey, ten o'clock we finish. Boss come see, we go *makan*.
- Safety Supervisor : Where Alikan? Babu? Missing?....(vulgar words)....eight thirty no here! ... (vulgar words)..these people!

- Labourer : Alikan, there gate! Big boss call. Babu ...leg blood come, yesterday fall.
- Safety Supervisor : Now, start work. I see big boss! No, cheat! Cheat! No relax. Work hard. I tell boss, put OT. Lazy work, 5 o'clock, all man go back. Okey?

Transcript 8

Informal interview : With the Labourer at the food stall, near the construction site.

- Researcher : Hi, good evening. You are Mr.Babu?
- Labourer : Ya, yes... You, big boss sister?
- Researcher : Yes, yes, taken your breakfast?
- Labourer : No.....I wait big boss come....You eat? You want coffee? You, roti canai?
- Researcher : No, no, thanks. I've taken my breakfast. I eat chapatti.
- Labourer : Chapatti? I like.....my country chapatti, good. I everyday eat, Malaysia good! Big boss buy chapatti, roti chanai, *nasi lemak*, 'kappi'(coffee), all very, very good.
- Researcher : Working at this construction site, very good?
- Labourer : Oh....pain... good, money good. Morning come work, evening go back to house! Dingkil (Dengkil). Sleep! Very very sleep.
- Researcher : Do you feel very tired? Working all day?
- Labourer : No, no. One day tired, sometimes no.
- Researcher : Working with Indonesians, do you can speak with them in English?

- Labourer : No , little, little only.
- Researcher : With your big boss? (Safety Manager)
- Labourer : Big boss good. Talk slow, slow, can now.
- Researcher : You mean you can understand what your big boss say in English?
- Labourer : Can! Big boss say slow, slow, donow action, action, I understand. My
Big boss very, very good, kind.
- Researcher : You like English?
- Labourer : I speak Bangla. Big boss no understand. I speak English slow, Big
boss understand.

Transcript 9

Informal interview, outside the site office.

- Researcher : Do you know how to read English?
- Labourer : Do now, talk, little bit, slow, slow can.
- Researcher : What is the sign there? (Pointing to a skull with a multiple sign over it)
- Labourer : Danger, no go there.
- Researcher : That one? (Showing the beacon and the picture of safety helmet on the
wall)
- Labourer : Cone, put, road side. Helmet, put head. No put, Big boss scold. No
overtime. No overtime, small money, no enough....(laughter)

Transcript 10

Informal interview, outside the site office.

- Researcher : Hello, good morning. *Selamat pagi. Dah minum?*
- Labourer : *Belum bu, baru nak minum.*
- Researcher : *Boleh saya tanya dalam Bahasa Inggeris?*
- Labourer : *Segan. Sikit-sikit bu, tak pandai.*
- Researcher : *Macam mana kalau boss cakap dalam Bahasa Inggeris? Faham?*
- Labourer : *Faham! Boss cakap Inggeris, lepas itu, Bahasa Melayu, paham, tak tahu, diulang!*
- Researcher : *Okey, kalau boss kata pasang 'guard', faham?*
- Labourer : *Paham, letak 'guard' paham, 'beacon' paham, 'barrigat' (barricade) paham. Semua itu paham.*
- Researcher : Kalau boss kata, 'All of you must wear your safety shoes and safety helmet'. Faham?
- Labourer : *Paham! Bos cakap hari-hari, pakai kasut, topi, helmet! Itu paham.*

Transcript 11

- Safety Supervisor : Finished your work? *Sudah habis? Cepat-cepat pukul 5.00, 5 o'clock inspection. Boss ronda tahu. Sani, Sani, pasang 'guard' pergi ambil 'cone-cone' itu.*
- Labourer : Okey, boss.
- Safety Supervisor : Scaffolding *itu bahaya, ayuh, jauh-jauh.* Don't do your work here

first. Go there, clean ! Clean that area. Barricade that zone - *tutup, tutup sebelah sana dulu.*

Transcript 12

Coordination Meeting 1

- Engineer 1 : *Dulu kita discuss the new plan ya?*
- Safety Manager : *I told you yesterday, kan?*
- Engineer 2 : *Kita claim, kita letak.....can we go through with this. Dalam sehari dua boleh siaplah.*
- Safety Manager : *Trylah, trylah habiskan.*
- Engineer 1 : *I dah keluarkan, sudah, bersih.*
- Safety Manager : *Road sign dah?*
- Engineer 2 : *Road sign dah. Semua sudah. Road sign dah.*
- Engineer 1 : *Ninety percent target itu completed/ah, no problem.*
- Safety Manager : *Really, sure? Or nineteen percent only?*
- (laughter)*

Transcript 13

Safety Co-ordination Meeting 3

- Safety Manager : *We must finalise everything.*
- Engineer : *Dah fail everything. Fifty person work dah.*
- Safety Manager : *Kita letak, dekat two hundred meter jauh.*
- Engineer : *Cukup ? Itu cukup, I rasa. Kalaupun tidak cukup, ada lagi. Macam*

mana nak buat ?

Safety Manager : Just do *gotong-royonglah*. Have to clean, before this Saturday.

Enginer : *Nanti kita balik, pukul 12.00 malam?*

Safety Manager : *Tak ada masalah. Kita buat manual ke? Kita ganti?*

Transcript 14

Safety Co-ordination Meeting 2

Project Manager: Please get the phone number of all ah !

Safety Manager : Ya, I will submit the emergency contact, get them all ready.

Project Manager: So, even a trial blast also, our neighbours will be informed ah, any blasting also ah !

Safety Manager : Any form of blasting we will notify.

Project Manager: *Percubaan pun, kira letupan tau! Zul ! Isn't it ?*

Zul : Yes, yes. *Memang betul.*

Safety Manager : In the event of emergency, my Pajero will have a spot light~~lah~~. Maybe with 300 metres away. We will have the binoculars too, to see the work done properly.

Project Manager: The most important thing, no accident ah !

Safety Manager : Of course. We will name all the precautions.

Project Manager: You know what ah, the safety is very important, but safety at times, ah, the forces of scheduled ah, *terlalu cepat*.

Engineer : Safety check, *pasti ada*.

Project Manager: From level ground eh, we cannot see ah ! *Zul, dari atas we canlah*. Jadi, twenty to thirty metres higher you know. Mr.Maniam, please ah, control ah ! See, ah ! When you explain eh, your blasting

expertise all, *kalau* accident, they will be here.

Engineer 2 : *Depan lagi, di ataslah.*

Project Manager: This road itself eh, we encounter eh.....(noise).... Got seven of them you know, then some the third one ah, the third position, somewhere here. You, know what you know, *ia berkilat-kilat* ! Very hard to say one. *Dia sudah* crystal light you know ! That's why, we may take this way eh, Maniam, you get the blasting expert, and you analyse, how the hard area ah, you suggest with them?

Safety Manager : When I check with them, the other day, it was in such way, way ,
when the things goes off, they will go and look.....

Project Manager: Wait ! Wait ! the hard areas eh... five metres ah?

Engineer : *Dia lompatlah sedikit.*

Transcript 15

At the site (1)

Safety Manager : Mr. Tan, the scaffold structure at the southern elevation needs to be immediately rectified.

Supervisor : I know, but I *have habiskan kerja saya dulu.*

Safety Manager : Fine, but have it rectified first, check on all vertical frames, have them secured to the building. Use more wall ties, also, reinforce with cross bracings. *Faham tak?*

Supervisor : Ok. I am short of man power today. I'll give it top priority tomorrow.

Safety Manager : Besides that, there is a water ponding at the level.

Supervisor : Well, that is due to the blockings of scupper drain.

Safety Manager : That is an ideal mosquito breeding ground. Please eliminate it immediately. Call some of the Bangladeshi workers... give them one or two hours OT.

Transcript 16

At the site (2)

Engineer : Mr.Chong, today we must cast level 2 area.....please arrange for Concreting....., use pump.

Supervisor : I think, we cannot pour concrete today because form work still not yet ready.

Engineer : No! We must target for today you know. Send more workers to level 2 and inform me before 5.00 p.m today. I'll decide! I have to prepare the report by 12.00 noon tomorrow.

Supervisor : *Ok..... I cuba arrange beberapa orang Bangla.....mungkin OT 3 jam.*

Transcript 17

At the site (3)

Supervisor : Now, all five man, go down, level 2, many-many water. This must clean today. This small longkang / drain all very dirty...no good. This material all take out...water run.

Bangladeshi worker : Ok, boss. My five man, after *minum* time cleaning.

Safety Manager : All man work here today... Two man *sapu-sapu*... Two man use

slope....Two man wheel barrow push (Action pushing wheel barrow). All rubbish put this corner. After *makan*, 2 o'clock I checking. If all man hardworking, today overtime. If slow-slow working, 5 o'clock go back....Okeykah?

Bangladeshi worker : No problem, big boss..... All floor 7 o'clock finish. Big boss sign 10 o'clock.

Safety Manager : *Oh, pandai* you man... work hard... Ok?

Transcript 18

At the canteen - a temporary stall

Researcher : Have you finished your work?

Worker : This *makan* time.

Researcher : How long is your *makan* time?

Worker : I no do understand.

Researcher : I mean, your *makan* time, twenty minutes, thirty minutes, one hour? (Pointing to the wrist watch)

Worker : Thirty minutes?

Worker : Yes, thirty minutes, *makan*, drink, work.

Researcher : You speak English with your supervisor, big boss?

Worker : Slow, slow speak can.

Researcher : With your Indonesian workers?

Worker : No, they no speak. I speak English, no say.

Researcher : So, what do you do if they cannot understand?

Worker : Big boss come, tell...

Researcher : You mean, you call big boss to tell them what you want to say?

Worker : I say English, big boss, big boss tell Indonesia.

Researcher : You mean, big boss tell to them in Bahasa Melayu?

Worker : Ah, yes. Melayu he tell. I don't know Melayu, I slow, slow, English can.

Researcher : Do you think English is important for you? I mean at this working place?

Worker : I no speak Melayu, boss tell English, big boss tell English, big people tell English, I don't know English..., difficult.

Researcher : So, you feel English is important here?

Worker : Yes, no English.....

Transcript 19

Telephone 1

Safety Manager : Where are you now? Go to KLCC ready ah?

X :

Safety Manager : Now KLCC, nobody there ah?

X :

Safety Manager : Then, the report all with you ah, now?

X :

Safety Manager : You send in ready, the weekly report?

X :

Safety Manager : Nevermind*lah*, my signature okey*lah*, whether maybe afterwards or you sign on my behalf also, okey*lah*. By the way ah, now the, where is Wei Ho now? Sick ah? Sleeping?

X :

Safety Manager : The Wei Ho, Kembara, with you?

X :

Safety Manager : I see, I see, because I am held up here. I thought if you want to go KLCC, I want to pass to you the blasting notice, but no choicelah, since you are already there, then.... I have to go again, know.
Raining ah, there? Now, Bandar Baru Bangi there, raining ah?

X :

Safety Manager : Oh, and then I want to take the cash and all from, settle the bills, collect the cash from Wei Ho, because tomorrow we are going to settle the '*daftar*' issue and..... Ah! What's that ? Okey nevermind, I call Wei Ho, I talk to him and then probably, tonight you will be meeting him, isn't it?

X :

Safety Manager : Ah, okey, may after I talk to Wei Ho, pass the things to you, tomorrow, tomorrow morning, try to sort it out*lah*. Today raining.
And, by the way, the, where are all the documents?

X :

Safety Manager : Ya! Ya! Aha! Okey, okey, okey, nevermind...

X :

Safety Manager : Payment on Monday*lah*, tomorrow no office, *ma!* Payment afternoon. You got money with you, aha?

X :

Safety Manager : Ya, ya, today 3.30 to 4.30. Okey*lah*, you come back*lah*, I go to Bandar Baru Bang*ilah*. After 2.45, I call Zainuddin, okey ! Okey!
Bye..

Transcript 20

Telephone 2

Safety Manager : Ya! Ya! Worst! Today nobody working, raining whole day. Now I
am still... then, then the dumping ground ah.. still no decision yet.

X :

Safety Manager : Ah! Kairen also, I just talk to her, Kairen say no feedback also,
May on Monday. Wen, Raini comes, *seelah*.

X :

Safety Manager : Still, still on leave.

X :

Safety Manager : Ya, ya, most likely*lah*. Ah, and then ah, by the way, just now I call
you because, you know, Sunday Father's Day, I got one stack of
bill with me, I pass to, I try to reach you. Since you were sick or
what ah, I pass to Choong *lah*. After you go through it and approve
it.....you are not coming to site tomorrow ah?

X :

Safety Manager : Okey, okey, then we can withdraw the cash and pass to Choong,
oh! And then, plus, plus the dump track on two hundred ringgit *lah*.

X :

Safety Manager : Not yet. Tomorrow I want to go and settle*lah*. Now I busy,
distributing the notice.

X :

Safety Manager : Eh...ya! Ya! Tomorrow nobody is working. That two hundred, still
okey*lah*, at least you pass me then*lah*, if you can pass to me, maybe
Monday morning, now I still wait for all the See, how first*lah*,
I then there is a calculator error*lah*. You double check*lah*.

Transcript 21

Safety Manager : Casting started ?We shouldn't delay the casting.By...*by esok*
it should be completed.

Engineer : Well, *tinggal sedikit sahaja*.

Safety Manager : Okey, Shall we go for lunch now Mr. Zul? 3.00o'clock we have our
coordination meeting. There are a few things to be finalised in the
meeting.

Transcript 22

Safety Manager : There are no safety signboards at zone 3,you notice or not?
Do something immediately.

Safety Officer : I *akan uruskan*. Already *beritahu ,sebelum scaffolding,kena buat*.

Safety Manager : Please double check.My next inspection is tomorrow morning, 10'o
clock No,excuse, eh!

Transcript 23

Safety Manager : Allman finish work by 5.00 o'clock.I buy *roti canai*.
You hardwork boss happy, no scold.

B . W orker : Okey boss,all work finish, eat and go back.Can do OT?
7.00 o'clock go. Alikan no come to work. Leg pain. Go clinic want
passport. Boss come.

Safety Manager : Okey,okey, I see Alikan.You all man go and do work.

Transcript 24

Safety Manager : Water ponding,all clean? *Dah? Itu air takung, kolam, sudah bersih ?*

In. Worker : *Sudah boss, takung base dua sudah ,tiga sudah.*

Safety Manager : *Dekat scupper drain, belakang tempat sampah semua dah?*

In. Worker : *Akan, sekejap nanti, boss.*

Safety Manager : Quick,quick. *Cepat,cepat, jangan buat boss tension, Nanti OT tak ada. Faham?*

In. Worker : *Paham boss. Belum pukul satu boleh habis.*

Transcript 25

Safety Manager : Please tie it, tie properly, otherwise it may fall.*Tolong ikat baik-baik, nanti jatuh, quick,out of dangerous zone.Cepat-cepat keluar dari zone bahaya.*

In. Worker : *Sudah boss,sudah diikat dengan baik-baik.*

Safety Manager : Okey , okey, *cepat keluar dari zone bahaya .Sekarang Juga .Cepat... !*

Transcript 26

Safety Manager : The scaffolding must be ready, should be up by tomorrow. No more delay, no more pending.

Contractor : Not enough men power.*Tak cukup orang ,macam mana? Besok-besok, tak boleh next day, saya try.*

Safety Manager : Try... *trylah habiskan tomorrow.Other works also pending... sampah clearance pun belu!*

Transcript 27

- Safety Officer : It is not *senang* to clear the water ponding.
- Safety Manager : If that is the case, we have to arrange for fogging. I'll contact the fogging contractor today. May be at noon his workers should be here.
- Safety Officer : *Nyamuk... nyamuk banyak. Takut nanti demam malaria. Our workers pula kena nanti.*
- Safety Manager : Workers only? You, I *tak kena*? Safety for every one, you know?

Transcript 28

Informal interview with the engineer

- Researcher : Morning, after lunch break ?
- Engineer : Yes, *ikut boss tadi. Akak buat research ya?*
- Researcher : Yes, yes. Can I ask you a few questions in English?
- Engineer : Seganlah kak. Tak pandai sangat.
- Researcher : You *kan belajar di luar negeri duhu, tak cakap dalam Bahasa Inggeris?*
- Engineer : Ada, tapi sikit-sikit aja. *I cannot speak like my bosslah.*
- Researcher : You *rasa penting tak bahasa Inggeris dekat sini?*
- Engineer : Of course *lah orang Bangla banyak. Kena speaking.*
- Researcher : *Orang atasan*, you have to speak in English?
- Engineer : Yes, but ... *bolehlah campur bahasa Melayu kalau tak tahu express dalam Inggeris.*

APPENDIX B



DAILY SITE REPORT

Proposed Construction And Completion Of The Common Utility Trench
(C.U.T.) Package C.U.T. EAST In Precinct 2 Of The Federal Administration
Central Putrajaya

DATE: 5-8-00
Sent

$$\ast = |\Delta| \omega_{ig}$$

Satz

TIME: 6:00 AM TO 11:00 AM				WORKDISRUPTION:				TG			
TRADE	NO.		TRADE	SKILL	UNSKILL	TRADE	SKILL	UNSKILL			
MANAGER	1		TRADE KAPALA	4		GENERAL WORKER	10				
WELDER	1		BAR BENDER	40		ROAD WORKER					
DRIVER	1		CARPENTER	25		DUMP TRUCK DRIVER	2	*4			
SURVEYOR	1		CONCRETOR	3		EXCAVATOR DRIVER	3				
MANAGER	1		SEWER PIPE LAYER			BULLDOZER DRIVER	2				
MANAGER	1		GRAIN LAYER			BACKHOE DRIVER	1				
SUPERVISOR	4		WATER RES. LAYER			BACKPUSHER DRIVER	1				
TECHNICIAN	2		ELECTRICIAN			ROLL COMPACTOR DRIVER	2				
WELDER	2		WELDER			WATER TRUCK DRIVER	1				
			LAMP POST INST.			Crane Operator	5				

TIME: 11:00 AM TO 4:00 PM				WORKDISRUPTION:				TG			
TRADE	NO.		TRADE	SKILL	UNSKILL	TRADE	SKILL	UNSKILL			
MIXER			CRANE/HOIST			HYDRAULIC EXC.	3				
WELDER			COMPRESSOR	5		BULLDOZER	2				
WELDER	6		WELDING SET	3		BACKHOE	1				
MACHINE	2		PUMP	9		BOX CAT					
CUTTER	2		DRIVE UNIT			BACKPUSHER	1				
			GENSET	5		ROLL COMPACTOR	2				
			Compactor	3		MOTOR GRADER					
			Mobile Crane	3		DUMPER TRUCK	2	*4			
			Crane Crane	2		WATER TRUCK	1				

NGRK

PROGRESS

Rebar and formwork to C.U.T. Base Slab CH851 to CH852 and CH818 to CH831
Rebar and formwork to Wall and Top Slab CH452 to CH456, CH932 to CH942,
CH55 to CH10, CH200 to CH214 and CH100 to CH107
Rebar and formwork to T2 Wall CH346 to CH314
Water-proof coating to C.U.T CH40 to CH100 CH124 to CH150, CH220 to CH240, CH975 to CH916
Rock Drilling to C.U.T CH190 to CH700
Concreting to C.U.T Wall and Top Slab CH932 to CH942 = 27 m³

 \mathbf{Y}_i

74

NAGER SITE AGENT

22 F. 41

7-2-00



VERIFIED BY

RESIDENT ENGINEER (SMHS San Diego)

Figure 1.10

0472 :

7/8/00

PUTRAJAYA HOLDINGS SDN BHD

DAILY SITE REPORT



Approved Tender Price for Putrajaya of The Gamma Utility Tracer
 (SPECIALISED EQUIPMENT IN PROVISION OF THE TRACER EQUIPMENT)
 Centre At Putrajaya

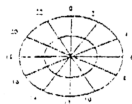
Date: 26/7/02

FM

UN/RAIN		TIME	TO		WORK/DISRUPTION		TO			
NO.			TRADE	SKILL	UNSKILL	TRADE	SKILL	UNSKILL		
1			BAR BENDER	10		ROAD WORKER				
1			CARPENTER	25		DUMP TRUCK DRIVER	6			
1			GREEN PIPE LAYER			CONCRETE DRIVER	2			
1			WATER REC. LAYER			WATER REC. DRIVER	1			
1			WATER REC. LAYER			BACKFILLER DRIVER	1			
2			ELECTRICIAN	1		ROL COMPACTOR DRIVER	2			
2			PIILER			WATER TRUCK DRIVER	1			
						CONCRETE DRIVER	5			
OWN	HIRED	OTHERS	TYPE	OWN	HIRED	OTHERS	TRADE	OWN	HIRED	OTHERS
			GRANDEMIST				HYDRAULIC EXC.	3		
			CONCRETE	5			AUGURATOR	1		
	6		WELDING SET	3			BACKHON	1		
2			PUMP	9			SOS CAT			
1			DRIVE UNIT				BACKFILLER	1		
			GENSET	5			ROL COMPACTOR	2		
			Computer	3			MOTOR GRADER			
			Mobile Crane	3			DUMPER (TRUCK)	6		
			Generator	2			WATER TRUCK	1		

WORK	PROGRESS
bar and formwork to C.U.T. Base Slab CH251 to CH258 and CH312 to CH331	
bar and formwork to Wall and Top Slab CH952 to CH966, CH932 to CH940	
CH55 to CH10, CH220 to CH210 and CH100 to CH107	
bar and formwork to T2 Wall CH346 to CH364	
bar and formwork to Gas Pipe Wall CH1056 to CH1065	
inter-plot contour to CH40 to CH100, CH120 to CH150, CH220 to CH260, CH915 to CH1016	
soil Drilling to C.U.T. CH690 to CH700	
excavation of C.U.T. (Rocks) CH710 to CH720	
backfill earth to C.U.T. Crossing Access CH320	
lean-con cast to Protect Slope Wall CH830 = 2m ³	
concreting to C.U.T. Gas Pipe Wall CH1056 to CH1065 = 3m ³	
concreting to C.U.T. T2 Base Slab CH868 to CH881 = 25m ³	

AGGR/SITE AGENT
 J.F.M.
 8-00



VERIFIED BY:

RESIDENT ENGINEER (SMNS SDN BHD)

NAME:

DATE:

Attach
Photo

PPC-GADANG JOINT VENTURE

C.U.T EAST PUTRAJAYA

"FIELD SAFETY INDUCTION PROGRAMME"

"SAFETY FIRST"-(THINK SAFETY, WORK SAFELY)

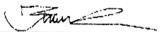
(FIKIRKAN KESELAMATAN, KERJA DENGAN SELAMAT)

ARUHAN KESELAMATAN	SAFETY INDUCTION
Taklimat keselamatan asas projek ini aspek-aspek berikut:-	Basic safety briefing of this project include the following topics:-
1. Gunakan alat-alat keselamatan perlindungan dipakaian kemas.	1. Use of personal protective equipment/proper attire.
2. Patuhi semua papan tanda, kekelamatan dan amaran.	2. Observe and obey signboards/warning signs.
3. Menjaga kebersihan alam, pembuangan sisa sampah.	3. Environmental care, waste disposal.
4. Mematuhi peraturan pengawalan keselamatan	4. Compliance to security measures
5. Jaga kebersihan, kemudahan sementara, (bandin & tandas)	5. Housekeeping/cleaning, temporary facilities care
6. Gunakan tangga/tolakan yang sesuai/dikhaskan	6. Use of ladder, proper access and egress.
7. Kerja-kerja tanah - lubang/bahaya air.	7. Excavation works - Trenches/water hazards
8. Berhati-hati semasa memandu - had laju, jarak berat.	8. Movement of vehicles on site - speed limits, heavy machinery
9. AWAS !!! Penggunaan elektrik, alat-alat elektrik	9. Electrical Hazards, Electrical tools - Caution !!!
10. Penjagaan silinder gas/kerja-kerja las.	10. Handling of gas cylinders/torch/welding works.
11. Rawatan kecederaan/Prosedur kecemasan.	11. First-aid/emergency response procedure.
12. Akta OSHA seksyen 24 dan 25	12. OSHA Act section 24 and 25.

Arahan Keselamatan

Saya telah menerima panduan dan taklimat keselamatan serta maklumat berkenaan projek ini.

Saya faham dan bersetuju sendirinya, saya gagal/curi berharap peraturan dan undang-undang keselamatan arahan lain yang berkaitan; ia akan dijadikan bukti untuk memecat jawatan saya.



Tangan

Nama RIZAL BIN SHUIB

No. K/P/ Pasport 750813-52-6403

Pekerjaan: SITE ENGINEER (JUNCTION TOWER)

Projek: GADANG TOWER (M) S&A BHD

KA BERLAKUNYA KECEMASAN SILA HUBUNGI

Nama: HAZWAN B. AHMAD

No. Tel. 013-3723386

Safety Induction

I hereby acknowledge receiving guidance and information on Safe Operating Procedures for this project.

I understand and agree that my failure to comply with the rules and regulations of this project site, or any others additional safety rules would provide grounds for my immediate dismissal.

Signature

Name :

I.C No/Passport :

Occupation/Trade :

Employer :

IN CASE OF EMERGENCY, PLEASE CONTACT

Name

No. Tel :

Date

PPCSB-GADANG ENGINEERING JV
SAFETY SITE INSPECTION CHECKLIST

DATE 29.8.2000 DAY Tuesday LOCATION C.U.T. WSA

SN	ITEM	GOOD	FAIR	BAD	REMARKS
1	COMPLIANCE TO PPE		✓		
2	ACCESS TO CONST AREA	✓		✓	
3	SIGNAGE/BARRIER		✓		
4	EDGE PROTECTION		✓		
5	DANGER AREA PROTECTION		✓		
6	WASTE MATERIAL		✓		
7	UNUSING MATERIAL		✓		
8	LOGISTIC ROAD	✓			
9	MACHINERY'S	✓			
10	SLOOP PROTECTION		✓		
11	HOUSE KEEPING		✓		
12	TOILET		✓		
13	REST AREA		✓		
14	VENTILATION SYSTEM		✓		
15	TRAFFIC CONTROL		✓		
16	CRANE & DUMP TRUCK	✓			
17	DUST CONTROL	✓			
18					
19					
20					
21					
22					
23					
24					
25					

COMMENT BY INSPECTOR Domestic waste and construction inside tunnel area 2A2 under clearing. 2C still not start clearing lack of manpower.

COMMENT BY PROJECT MANAGER Make sure all area are clean, especially inside the tunnel.

INSPECTED BY

SIGN: [Signature]
NAME: PERSON / NAME
DESIGNATION 240
DATE: 29/8/2000

ACKNOWLEDGE BY

SIGN: [Signature]
NAME: PERSON / NAME
DESIGNATION: 3. MANAGER
DATE: 30.8.2000

TOOL BOX / ~~INDUCTION~~ ATTENDANCE LIST

NO	NAME	K/C/P/NO	TRADE	SIGNATURE
1	KASZO	K177710	G. WAKARA	
2	HARTANO	AB 859449	"	
	ALI SUBROTO	AB 858491	"	
4	ELLY RONYUW	AB 858453	"	
5	CHACHA	H. 739565	"	
6	WASITO	H. 234500	"	
7	ARI UTOHO	AB 452989	"	
8	KIJAN	AB-360734	"	
9	WIDODO SADIHIN	AB 859976	"	
0	SOEMARSONO	AB. 888484	"	
1	BADAWI	H 826409	"	
2	PONJO DWIJANIK	AB 587264	"	
3	SUSIANTO	AB 725174	"	
4	TRI WIMARNO D.	G 766281	"	
5	ILHAMUJI	V 170108	"	
6	KOPRAI NGADIKAN	AB 788429	"	
7	WAWAN	AC 032503	"	
8	SUKADIJITUNYANO	AC 015432	"	
9	SANAT	AB 762416	"	
0	SUBITO DESO S. WIDH	AB 041253	"	

APPENDIX C

COMMON UTILITY TUNNEL
PUTRAJAYA
NON - VERBAL COMMUNICATIONS



SAFETY AWARENESS - SIGNAGES



"ROAD FURNITURE" INSTALLATION
FOR TRAFFIC DIVERSION





TROLLEY



TROLLEY IN

* Stand alongside crane jib with thumb pointing towards required direction of travel (of trolley).



TROLLEY OUT

TROLLEY IN TROLLEY OUT

IF CRANE MAST IS TO LEFT
OF SIGNALMAN

IF CRANE MAST IS TO RIGHT
OF SIGNALMAN

USE RIGHT HAND
TO SIGNAL

USE LEFT HAND
TO SIGNAL

USE LEFT HAND
TO SIGNAL

USE RIGHT HAND
TO SIGNAL

TROLLEY



TROLLEY IN/OUT FINE

- * Raise other hand with open palm in front of hand giving signal.

STOP



NORMAL STOP



EMERGENCY STOP



END OF OPERATION

HAND SIGNALLING

This section deals with the different types of hand signal commonly used on construction sites. Although different signalmen have adopted different styles of signalling, the following illustrations have been adopted to provide a uniform and concise method for hand signalling. Please note that handsignals can only be used when visibility is good.



HOIST

* Index finger and thumb
moving together and away.

HOIST FINE



HOIST NORMAL



HOIST FAST

HAND SIGNALLING

This section deals with the different types of hand signal commonly used on construction sites. Although different signalmen have adopted different styles of signalling, the following illustrations have been adopted to provide a uniform and concise method for hand signalling. Please note that handsignals can only be used when visibility is good.



HOIST

* Index finger and thumb
moving together and away.

HOIST FINE



HOIST NORMAL



HOIST FAST

PROHIBITION SIGNS

STOP

Meaning

You must not carry out the action shown

Shape and Colour

Outline red circle with bar



SAFE CONDITION SIGNS

SAFE

Meaning

Safe direction or safety equipment

Shape and Colour

Green rectangle



First Aid



Eye Wash



Safe Direction



Emergency
Shower



Emergency
Phone



Safe Direction

MANDATORY SIGNS

OBEY

Meaning

You must carry out the action shown

Shape and Colour

Solid blue circle



Wear eye protection



Wear face shield



Wear foot protection



Wear head protection



Wear dust mask



Wear hand protection



Wear ear protection



Carry respirator

FIRE EQUIPMENT SIGNS

FIRE

Meaning

fire prevention and fighting

Shape and Colour

red rectangle



Fire Alarm



Fire
Extinguisher



Fire Hose Reel

WARNING SIGNS

CARE

Meaning

Caution: risk of danger or hazard ahead

Shape and Colour

Yellow triangle outlined in black



Dangerous
Voltage



Danger
Forklift Trucks



Danger
Limited Height
Overhead



Danger



Fragile Roof



Toxic Hazard



Danger
Overhead
Hazards



Danger
Fire Risk

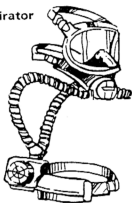


Danger
Corrosive
Chemicals

APPENDIX D

APPENDIX E

Respirator



Ear Muffs



Safety Harness



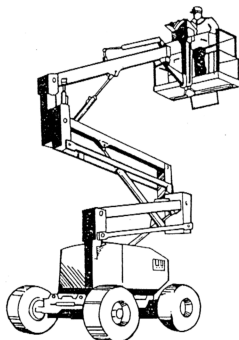
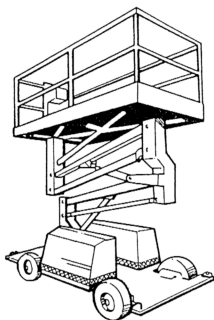
Safety Boots



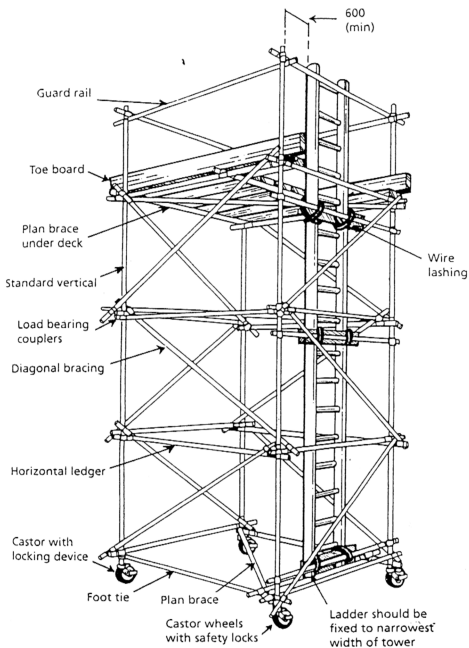
Lanyard



Personal Protective Equipment



Machinery



Mobile Tower





APPENDIX F

Devi d/o Arumugam,
Faculty of Language and Linguistic,
Programme of MESL (Master of English as a Second Language)
University of Malaya,
Kuala Lumpur.

No.Matrik : TGB98030 / Year 1997-2001

22 February 2000.

To,
Gadang Engineering (M) Sdn. Bhd.,
No. 52, Jalan Tagor, Off Persiaran Utama,
Sri Damansara,
Kuala Lumpur.
Attention : Project Manager, Safety Manager.


Ref : Letter Of Indemnity

I, Devi Arumugam, if granted the opportunity to conduct research at this project site, hereby undertake and agree to fully indemnify the owner, client, their agent, consultant and contractor and all other relative authorities, against all consequences and/or liabilities of any kind whatsoever directly or indirectly, arising from relating to my presence at the jobsite during the course of my research.

Signature : 

Name : DEVI ARUMUGAM

Date : 22 February 2000

Witness : 

Name : Subramanyam S/O Arumugam

Designation : SAFETY MANAGER

APPENDIX G

To : Project Manager

Cc : Safety Officer
Construction Manager
Sub-contractor
Site Supervisor

From : Mr. Liew Thean Kiew

Date : 07 November 2000

RE : Safety Commette Meeting

Refer to the above, kindly be informed that the above meeting will be held as follows;

Date : 9th November 2000 (Thursday)

Time : 5.00 pm

Venue : Site Office, Meeting Room

Please be informed that all sub-con, supervisor and construction manager are required to attend the meeting.

Your cooperation in this matter is highly appreciated.

Thank you.

Sincerely Yours,


.....
LIEW THEAN KIEW
Senior Manager

PROJECT TITLE:

Proposed Construction And Completion Of The Common Utility Trench (CUT) Package CUT East & West Precinct 2, Putrajaya, Selangor D E.

DATE : 12th July 2000

TIME : 11.15 a.m.

PLACE OF MEETING:
Meeting Room, Precinct
2, Integrated Site
Office, Putrajaya

M.O.M. No. : 31

ISSUE DATE : 17/7/2000

PREPARED BY : MOHD SULONG ABD GHANI

CHECKED BY : Ir. CHOOI SHEE SENG

APPROVED BY : ABDULLAH CHIK

Should there be any comments on the contents of this M.O.M., they should be forwarded to the originator within 3 days of the issue date in writing. Otherwise they are assumed to be correct.

SITE PROGRESS MEETING NO. 31

ATTENDANCE:

Ir. S.S.CHOOI (Chairman)	RE OFFICE
Ir. MOHD NOR ALIAS	PJC
ABDULLAH CHICK	KLCCB
BADRUL HISHAM IBRAHIM	KLCCB
SITI RAHMAH MOKHTAR	KLCCB
Ir. THAM KWAI HENG	SMHB
Ir. M. MEIAPPA	SMHB
MOHD SULONG ABDUL GHANI	RE OFFICE
P. RAMANCHANDRA	RE OFFICE
LIEW THEAN KIEW	PPC/PPC-G JV
RAJA SAZRIN RAJA SHAMSUDIN	PPC
MOHD FADIL ABU SAMAH	PPC
KHADARY YAAKOB	PPC
WONG SAM MENG	PPC-G JV
IRNAN AB GHANI	PPC-G JV
FREEMANCHEAN	PPC-G JV
EFFENDI MUHAMAT	PPC-G JV
A. SUBRAMANIAM	PPC/PPC-G JV

DISTRIBUTION:

1. As Per Attendance List
2. Perbadanan Putrajaya. (PjC)
3. Putrajaya Holdings Sdn. Bhd.(PjH)
4. KLCC Bhd
5. SMHB Sdn. Bhd. (SMHB)
6. PPC -Gadag JV
7. Pembinaan Punca Cergas Sdn. Bhd.

25-260 - P2A

0-55
25-55

CONTRACT INFORMATION:

EAST PACKAGE

Contractor: PPC - Gadag JV
Contract : RM 19,268,765.76
Possession Date: 19th. November 1999
Overall Completion Date: 27th. December 2001
Completion Date: 4th. August 2000
Completion Date: 5th. May 2001
L.A.D. : RM 3,000 per day

WEST PACKAGE

Contractor: Pembinaan Punca Cergas Sdn. Bhd.
Contract Sum : RM 27,058,068.94
Site Possession Date: 19th. November 1999
Overall Completion Date: 27th. December 2001
W1 Completion Date: 14th. August 2000
W2 Completion Date: 5th. May 2001
L.A.D. : RM 5,500 per day

SGP

- 1 -

no c.o.w asking for the quality inspection for each day the scaffolding.

ITEM NO	DESCRIPTION	ACTION
1.0	<u>CONFIRMATION OF MINUTES OF MEETING</u>	
1.1	Minutes of Meeting No. 30 was read and confirmed by all parties.	
2.0	<u>ENVIRONMENTAL SAFETY AND HEALTH</u>	
2.1	The Contractors were again reminded to submit the documentation on the compliance of the observation report issued to them by the Safety Department by 5 th July 2000. The Contractors informed that 7 out of 11 items in the observation report had been resolved.	PPC/ PPC-G JV
2.2	The Contractors were required to observe the safety regulation during any blasting work carried out in Precinct 2. Workers should not be allowed to move around the area when the blasting works were being carried out. PPC-G JV informed that the blasting permit was obtained on 11 th July 2000 and the first blasting was scheduled to be on 17 th July 2000.	PPC/ PPC-G JV
3.0	<u>CONTRACT MATTERS</u>	
3.1	The Contractor informed that the 3 nos. steel cabinet with locks which were alternative to the three-tier shelves for the R.E office would be delivered today.	Info
3.2	KLCCB informed that the Contract Documents were with TCD for final review. TCD would do the stamping of the Performance Bond.	KLCCB/ TCD
3.3	KLCCB to review the Contractor's quotations for video taping the construction works by professional cameramen on CUT construction.	KLCCB
3.4	Official B/Q and E.I. for the change in the design of the Sunken Garden Bridge: would be issued to PPC soon. PPC to expedite in the submission of the new rates as any delay would affect the process of EI/VO approval.	KLCCB/ PPC
3.5	The Contractors would be issued with the BQ and Specification on the Earthing System at TNB manholes (T1 & T2).	KLCCB
3.6	The Contractors informed that they have employed En. Khadary Yaakob as the new safety officer for the West and En Nazrul for the East.	Info
3.7	The Contractors had submitted the final estimated quantities of steel bar but not on the concrete for the whole CUT works. <i>no by 26/7 to present</i>	PPC/ PPC-G JV
3.8	The Contractors informed that they had increased the bumiputra participation for both site management and trade works. The contractors to update the organisation charts in the Weekly Reports as new staff were reporting to sites.	PPC/ PPC-G JV

SAFETY MEETING

PROJECT TITLE:

Proposed Construction And Completion Of The Common Utility Trench (CUT), Precinct 2, Putrajaya, Selangor D E.

M.O.M. No. : 02

PREPARED BY : KHADARI YAAKOB

CHECKED BY : WONG SAM MING

APPROVED BY : LIEW T.K. / S.M. WONG

DATE : 09th Nov 2000

PLACE OF MEETING:
C.U.T. Site Office

TIME : 5:00 p.m.

Should there be any comments on the contents of this M.O.M., they should be corrected during the meeting.

SAFETY MEETING NO.2

1. LIEW THEAN KIEW
2. WONG SAM MENG
3. RIZAL SHUIB
4. HAFIZAL B HASHIM
5. KHADARI YAAKOB
6. NAZRUL B AHMAD
7. CHONG BOON CHAU
8. KOK YOON HING
9. NG MENG HUAT
10. CHAN KOK SEONG
11. CHEW S.W.
12. CHEW S.S

- PPC
- PPCGJV
- PPCGJV
- PPCGJV
- PPC
- PPCGJV
- PPCGJV
- PPC
- PPC
- Cemerlang Megah
- Fusan
- Fusan

DISTRIBUTION:

1. C.U.T. WEST
2. C.U.T. EAST
3. CEMERLANG MEGAH
4. FUSAN

ITEM	DESCRIPTION	ACTION
	<u>SAFETY</u>	
1	<u>PERSONAL PROTECTIVE EQUIPMENT (P/E)</u> From previous observation, this matter still not fully complied by the staff and worker even through verbal reminder has given continuously. All parties are remained again to complied as per required.	ALL
2	<u>SIGNAGE / BARRIER</u> The signage and barrier should be a guide, but still have some of the worker and machine operator not fully follow the requirement. Speeding in the construction site also not fully followed as per signage.	ALL
3	<u>ACCESS STAIR CASE</u> The sub-con and workers are advice to fully used the access provide. For the area have open both side, additional stair case will construct.	ALL

4	<u>CRANE SWING</u> All the sub-con and workers are remind again to get away from crane swing during concreting and lifting material. This is to minimize the casualties if any accident happened.	ALL
5	<u>TRANSPORTING</u> In this matter, not much improvement. All workers and sub-con are to ensure transporting the machineries are not practice again. Who those obey this requirement the action will be taken.	ALL
6	<u>BLASTING</u> Loh and Loh the neighbour contractor are doing their blasting. The blasting day is on Tuesday, Thursday and Saturday. The worker and staff have to move out form Safe Zone indicate with red flag. To brief and explain about blasting, to the workers and sub-con will be doing during tool box meeting.	ALL
	<u>ENVIRONMENTAL</u>	
1	<u>DOMESTIC WASTE</u> The cleaners at the site have some improvement. The most contributor is a food pack. All workers have to collect their rubbish and put on plastic bag has been provide.	ALL
2	<u>CONSTRUCTION WASTE</u> Until the date some of the waste cleared from site about 30 trip of dump truck. All workers and sub-con of have to give their cooperation to collect the waste and dump at the areas given. The company will provide the dump truck to collect and dispost to the legal dump ground.	ALL
3	<u>SPIL OIL</u> Form the observation by PJH and PPC all the genset and compressor machine have to put the concrete bun to avoid and protect the oil spil.	Supervisor
	<u>SECURITY</u>	
1	<u>ENTRANCE PASS</u> Entrance pass for year 2001. The application start from 1st Disember 2000. All staff, sub-con and workers are advice to take seriously in this matter. Two photograph passport size and copy of identity card and working permit have to submit to Safety Officer to process the application to PJH.	ALL
2	<u>FOREIGN WORKERS</u> Any foreign workers (legal) from out side Putrajaya to work at Putrajaya Site must have clearance from Imigration Department.	Sub-Con
	<u>OTHER MATTERS</u>	
1	<u>PLASTIC SHEET / STEEL NETTING</u> All slope area should cover with plastic sheet and rock area have to cover with steel net to minimize the erosion and collapse.	ALL
2	<u>WATER BROWSER</u> Present water browser have been commented by PJC. This is because to much smoke release from the water browser. For this matter Mr. Chong told the water browser will be changed.	Mr. Chong

3	<u>TOOL BOX</u> Mr. Kok suggest to inform all the worker about the matter arise during tool box meeting. Tool box meeting will be on 13 November 2000.	Safety Officer
4	<u>CONFINED SPACE</u> Close tunnel as per our project call as a confine space. To entrance and work should have specified procedure have to follow by all. The procedure will be prepared and distribute to all for reference.	Safety Officer
	The Meeting was adjourned at 19.00 am. The next meeting will be held at : Venue : Meeting Room Date : Will be inform Time : Will be inform	



PUTRAJAYA HOLDINGS

PUTRAJAYA HOLDINGS SDN. BHD.
HSSE DEPARTMENT
HSSE-CONTRACTOR COORDINATION MEETING 09/2000

DATE : 27/09/2000
TIME : 0930A.M-1230P.M
VENUE : PJH'S CONFERENCE ROOM

MEETING AGENDA

- 1.0 OPENING REMARK BY CHAIRMAN**
- 2.0 CONFIRMATION OF MINUTE OF MEETING 08/2000**
- 3.0 MATTERS ARISING**
 - 3.1 HEALTH & SAFETY ISSUES - BY MAIN CONTRACTOR**
 - 3.2 SECURITY ISSUES - BY MAIN CONTRACTOR**
 - 3.3 ENVIRONMENTAL ISSUES - BY MAIN CONTRACTOR**
- 4.0 OTHER ISSUES/ NEW ISSUES BY PJH**



HSSE -CONTRACTORS COORDINATION MEETING

SUBJECT : MINUTES OF MEETING NO 8/2000
 DATE : 23 AUGUST 2000
 VENUE : PUTRAJAYA CONFERENCE ROOM
 TIME : 9.45 a.m-1.10 p.m.

ATTENDEES :

1. Lt. Col (R) Abdul Razak Abdullah	SM,HSSE,PJH	Chairman
2. En. Abu Bakar Md. Din	PJH, HSSE,Safety	
3. En. Shabuddin Ahmad	PJH, HSSE,Safety	
4. Pn. Zalina Ibrahim	PJH, HSSE, EMU	
5. En. Suresh Kumar	PJH, HSSE, EMU	
6. Pn. Chui Yuet Yui	PJH, HSSE, EMU	
7. En. Mohd Fadir Embong	PJH, HSSE, EMU	
8. Mjr. (R) Abu Bakar Abd. Rahman	PJH, HSSE, Security	
9. En. Zainul Rashid Murad	PJH, HSSE, Safety	
10. Capt. (R) Abdullah Shaad	HLP Bina	
11. Ms. Lim Yee Mei	HLP Bina	
12. Mr. Ravendran	Pem. Mitrajaya.	
13. En. Zainul Rashid	Bras Ventures	
14. En. Jamil Haji Saad	Perembajaya Engineering	
15. En. Sivabalan A.	Pioneer.	
16. En. Syahril Abd. Razak	Jayarena Const. Sdn. Bhd.	
17. En. Yong Nan Sing	Putra Perdana Const. Sdn Bhd.	
18. En. Wan Hassan Wan Ibrahim	Putra Perdana Const. Sdn Bhd.	
19. Lee See Been	Hasrat Usaha Sdn Bhd.	
20. En. Adnan Abdullah	Putra Perdana Const. Sdn Bhd.	
21. Mr.Sim Eng Yeong	Muhibbah Eng. (M) Bhd.	
22. Mr.Tay Tian Sang	Muhibbah Eng. (M) Bhd.	
23. Mr.Sallehuddin	PSK	
24. En.Mohamed Minhat	Pembinaan Tajri Sdn. Bhd.	
25. Mjr (R) Mohd. Ismail Haniffa	Road Builders Sdn. Bhd	
26. En. Nazrul b. Ahmad	PPC GADANG JV	
27. En. Khadari Yaacob	PPC	
28. Maj (B) Shahbudin	PPC GADANG JV	
29. Mr. Lim Ban Leong	BTD-Sun Con J.V.	
30. Mr. Mobby J.J	BTD-Sun Con JV	
31. En. Hashdi b. Abdul Muid	Perembajaya	
32. En. Jayson Sea	Supermix Concrete (M) Sdn. Bhd.	
33. Mr. Zulkiflee A Hakin	KLCCB.	
34. Mr. U. Thirukumaran	Bridgecon Eng. Sdn. Bhd.	
35. En. A. Jalil Nin	KLCCB.	
36. En. Rosman Abdul Aziz	Paremba Engineering	
37. En. Hashim b. Shaari	Pembinaan Tajri	
38. Mr. Man Sai Haur	Majulia Sdn. Bhd.	
39. En. Mohd. Hatta Kahar	Peremba Engineering.	

1. Mr. Ageelan	Supermix Concrete
2. Mr. Feroz Ghandi	Bridgecon Fujita JV
3. Mr. Eddie Chua	Bridgecon Fujita JV
4. Mr. Charanjeet Singh	Setia Putrajaya Sdn. Bhd.
5. Mr. Yee Peng Soon	Pioneer.
6. En. Zulkarnain Zainal Abidin	Hasrat Usaha
7. En. Wan Ahmad Kaspi	Pronas Bina Goodyear JV
8. En. Sanusi Abdul Jalil	KLCCB
9. En. A. Rahim Bakar	Perembajaya Engineering
10. En. Hasbuddin Zainudin	Nafas Abadi
11. En. Mustafa Kamal	Setia Precast Sdn. Bhd.
12. Mr. Ir. Arjun Balachandran	Pi Gas Eng. Sdn. Bhd..
13. En. Sham Shahril Ismail	Pi Gas Eng. Sdn. Bhd.
14. En. Mohd Fuad b. Mohd Zawi	Seni Kembara Const. Sdn Bhd
15. En. Mohd. Asri Abdullah	Ibsul Holding Sdn. Bhd
16. Maj. (B) Md. Ghazali Md. Noor	Contrail Sdn. Bhd.
17. En. Mohd Nizam b. Abu Bakar	P.10 Sdn. Bhd.
18. En. Khairul Azhar Abdullah	Putrajaya Acres Sdn. Bhd.
19. En. Khairuddin Kasim	P. Purcon Sdn. Bhd.
20. En. Tok Hong Soon	P. Purcon Sdn. Bhd.
21. En. Mahmud Abu Bakar	Loh & Loh Const. Sdn. Bhd.
22. Mr. Chandru Shanmugam	Loh & Loh Const. Sdn. Bhd.
23. En. Zamri Mahput	Perembajaya Eng. Sdn. Bhd.
24. Mr. A. Subramaniam	PPC
25. En. Hew Choong Wai	C.I Readymix
26. En. Siam Kok Wah	C.I Readymix.
27. En. Zainal Abidin Abdullah	Setia Precast Sdn. Bhd..
28. En. Badrul Hisham	Maraputra
29. Mr. Jegatheesan	Maraputra
30. En Saiful Bahri Hj. Mohd Sani	AZSB
31. Mr. Wong Hoi Way	Hasrat Usaha Sdn. Bhd.
32. En. Norhadzمالك Abd. Malek	Perembajaya Eng.
33. En. R. Raja	Contrail Sdn. Bhd.
34. En. Mohd. Rashid Semail	Maintenance Eng.
35. En. Hashim Abdullah	Maintenance Eng.
36. En. Mohd. Zahib	Sri Pelagat
37. En. Abd. Ghani Idris	Perembajaya Eng.
38. Mr. K.K. Ho	P.J. Indah
39. Mr. S.M Wong	Diversified Eng.
40. En. Roslee Hj. Tumirok	AZSB.

ABSENTEES

1. Satriadesa Corp	Precinct 10
2. Jallcon	Precinct 10
3. Tulus Kurnia	Landscaping
4. Mesra Hijau	LK1 , Riparian Park
5. Masmirin Corp	Gas Pipe
6. Gas Malaysia	Precinct 2 Gasline
7. Perbadanan Perwira Harta(PJC)	Taman Selatan
8. Faraza Holdings (PJC)	Taman Warisan
9. Sumber Khazanah(PJC)	Mercu Tanda.

DISTRIBUTIONS

1. Y. Bhg. Dato' Mohd.' Hashim Hassan-CEO PJH
2. Mr. Harry K. Menon- COO PJH
3. En Hamdan Ahammu- GM Corporate Affairs Div. PJH
4. Tn. Hj. Rosli Abdullah- GM Corporate Services Div. PJH
5. En. Azlan Abdul Karim- GM Project Coord. Div. PJH.

PJH Project Team

6. En. Norazmi Md. Nurdin
7. Mr. Aubrey Sherpherdson- SM Govt Building
8. En. Jamal Sheikh Omar- SM Property Coordination
9. Major (R) Ir. Goh C. L - SM Construction
10. Pn. Elina Aziz - SM Govt. Building.
11. Mr. Lim Soon Teik- M Infra Utilities
12. En. Hassan Ramadi- SM Commercial
13. En. Nur Ismail mohammad- Am Public Amenities
14. En. Mohd Zailani Mohd Shafi- AM Planning.

KLCCB Project Team

15. En. Radzi Zakaria - GM KLCCB
16. En. Anis Affandi
17. En Ahmad Kamal Che Zain
18. Mr. Lee Su Seng
19. En. Abd. Khalil Yaacob
20. En. Saluddin Alimon
21. Mr. Chew Kon Min
22. Mr. Wee Eng Kong
23. Pn. Norain Saad
24. En Jaafar bin Yusoff
25. Mr. S. Palaram
26. Pn. Noraishah Hj. Hussain
27. Mr. R.Subramaniam
28. En. Sharar Abdullah
29. En. Khairuddin Sapuan
30. En. Chee Weng Loon
31. En. Noorizam Ibrahim
32. En. Hanafiah Abu Hussin
33. En. Sallehuddin Hamzah
34. En. Zulikifli Mohamed.
35. En. Rashidi Hazrin Harun
36. En. Nik Shamsul Bahrin
37. En. Nik Ahmad Mazli.
38. En. Mohd Noordin Mahfodz
39. En. Mohd Zaki Tahir

ITEMS	DESCRIPTIONS	ACTION
1.0	<u>OPENING REMARKS BY CHAIRMAN</u>	
1.1	Mr. Chairman started the meeting by welcoming all the attendees and new comers. Mr. Chairman then invited all contractors to give their briefing on Health & Safety, Security & Environmental issues for their various packages.	Info
2.0	<u>BRIEFING BY CONTRACTORS ON SAFETY & HEALTH, SECURITY AND ENVIRONMENTAL MATTERS.</u>	
2.1.0	Setia Putrajaya	
2.1.1	a. <u>Health & Safety</u> All contractors for Setia Putrajaya are to employ full time Safety Officer otherwise PJH Safety Unit will not issue any permit to Setia Putrajaya's contractors..	Setia Putrajaya
2.1.2	b. <u>Security</u> There are still illegal workers employed by the contractor. Effective actions must be conducted.	
2.1.3	c. <u>Environment</u> Turbing need to be carried out at R3 Buffer Zone. Desilting at pond 1 and 1A are still in progress. Road wetting system was satisfactory.	
3.2.0	HLP Bina	
3.2.1	a. <u>Health & Safety</u> The imposition of penalties system is not working well in ensuring workers adhering to PPE discipline as per to date an amount up to RM200,000.00 has been collected from the sub-contractors but the lack of PPE discipline still persist.	HLP Bina
3.2.2	 HLP Bina is to study other contractor method of implementing safety control system in ensuring the PPE discipline is complied.	
3.2.3	OR report is only considered close when the rectification work that required by OR is completely done.	
	b. <u>Security</u> HL Bina (Wong Brothers) is to ensure that a fair treatment is given to their foreign workers.	
	c. <u>Environment</u> Pest is under control at residential areas.	

ITEMS	DESCRIPTIONS	ACTION
3.3.0	Putra Perdana	
3.3.1	<p>a. <u>Health & Safety</u></p> <p>All bore holes at Mof work area which pose a falling hazards to workers have been effectively barricaded.</p> <p>An effective overhead protection must be installed at access to site canteen at Precinct 16.</p>	Putra Perdana
3.3.2	<p>b. <u>Security</u></p> <p>The contractor is to investigate a claim made that their sub contractor (Radiant Choice) is not paying a group of Bangladeshi workers .</p> <p>Mr. Chairman reminded the contractor to monitor closely Parcel C and D since the government staff will be moving in soon .</p>	Putra Perdana
3.3.3	<p>c. <u>Environment</u></p> <p>Mr Yong mentioned that currently the desilting work is in progress at silt trap no 6. The rest of silt traps are complying with requirements.</p> <p>Pest Issue at Parcel C & D are under control.</p>	

ITEM	DESCRIPTION	ACTION
3.4.0	Peremba-Precinct 11	
3.4.1	<p>a. <u>Health & Safety</u></p> <p>Hoarding at Apartment area was taken down due to works carried out by Utilities contractors and will be reinstalled once the works completed.</p> <p>Maluri & Infra have not submitted monthly report</p> <p>The contractor is in the process of applying the blasting permit. The concrete mixer trucks observed the speed limit rule imposed by Paremba.</p>	
3.4.2	<p>b. <u>Security</u></p> <p>No illegal workers were employed within Precinct 11.</p>	
3.4.3	<p>c. <u>Environment</u></p> <p>Second reminder - EMAR still not submitted to EMU.</p> <p>Desilting works currently being done at Silt Trap no 1 & 1A.</p> <p>Two workers were allocated for rubbish collection works at Precinct 10.</p>	
3.5.0	Peremba-KKP 16	
3.5.1	<p>a. <u>Health and Safety</u></p> <p>No issue.</p>	
3.5.2	<p>b. <u>Security</u></p> <p>No issue</p>	
3.5.3	<p>c. <u>Environment</u></p> <p>No issue.</p>	

ITEM	DESCRIPTION	ACTION
3.6.0	Peremba -Dat. Putra (No representative)	Peremba
3.6.1	a. <u>Health and Safety</u> No issue	
3.6.2	b. <u>Security</u> No issue	
3.6.3	c. <u>Environment</u> No issue	
3.7.0	Precinct 10	Precinct 10
3.7.1	a. <u>Health and Safety</u> O.R issued by PJH Safety Unit on unsafe roofing works and unsafe stacking of material on the roof at Bungalow area, is still not closed. The contractor is to closed the O.R immediately.	
3.7.2	b. <u>Security</u> No issue	
3.7.3	c. <u>Environment</u> All main drains have been desilted. Turfing on bare area at phase 1B is done.	
3.8.0	Affordable Home (Mitrajaya)- Pr. 10	Mitrajaya
3.8.1	a. <u>Health and Safety</u> 5 O.R issued by PJH Safety Unit are still not closed . The contractor is to install rubbish chute within 2 weeks otherwise a PJH Permit will not be issued out.	
3.8.2	b. <u>Security</u> There are still illegal workers employed by the contractors..	
3.8.3	c. <u>Environment</u> No issue	

ITEM	DESCRIPTION	ACTION
3.9.0	Bridgecon Eng- Br. 2	Bridgecon
3.9.1	a. <u>Health and Safety</u> Dismantling of scaffolding are currently being done. House keeping is done everyday. PPE discipline is well observed by all workers.	
3.9.2	b. <u>Security</u> There is no major issue. One hired security guard is patrolling the site every night.	
3.9.3	c. <u>Environment</u> All bare slope need to be turfed..	
3.10.0	PPC-Gadang-Br.6	
3.10.1	a. <u>Health and Safety</u> . 3 O.R have been closed,	
3.10.2	b. <u>Security</u> No major issue,	
3.10.3	c. <u>Environment</u> No major issue.	
3.11.0	Road Builder-Br.8	Road Builder
3.11.1	a. <u>Health & Safety</u> All O.R issued by PJH Safety Unit have been passed to KLCCB Project Manager for verification but until now there was no reply received from KLCCB Project Manager. Falling hazard issue- All affected area has been closed with 3 layers of Safety zone. Steel Pylon Lifting- The contractor was reminded that the lifting shall not proceed without PJH Safety Unit personnel present at site as reflected during the lifting on 15/08/2000 .	
3.11.2	b. <u>Security</u> Attempted theft which occurred on 10/08/2000 must be reported to the Police.	
3.11.3	c. <u>Environment</u> Desilting works at silt trap no 2 is done. Slope at north abutment which facing a new logistic road need to be turfed as there are already sign of erosion.	
3.12.0	Muhibbah Eng. Br.9	Muhibbah Eng.
3.12.1	a. <u>Health & Safety</u> All bore piling holes beside Logistic road must be covered.	
3.12.2	b. <u>Security</u> The logistic road trespassing BR 9 will be sealed off and only Precinct 8 staff were allow to use it.	
3.12.3	c. <u>Environment</u> No issue.	

ITEM	DESCRIPTION	ACTION
3.13.0	Pronas-Bina Good Year- Wisma Putra & IDHL	
3.13.1	a. <u>Health & Safety</u> No major issue. Most of the scaffolding has been dismantled. External and internal work is in progress. Observation report has been replied but few still pending.	
3.13.2	b. <u>Security</u> The contractor must beef up their security control as the works are nearly completed. The contractor must come up with a comprehensive security control measures. A control system, previously practised by PMO should be adopted. New Indonesian foreign workers - One worker was left at KLIA .	Pronas-Bina Good Year
3.13.3	c. <u>Environment</u> EMAR has been submitted to EMU	
3.14.0	Bridgecon -Fujita-LRT101A	
3.14.1	a. <u>Health and Safety</u> No issue	
3.14.2	b. <u>Security</u> Hoarding along Persiaran Perdana has been completed .	
3.14.3	c. <u>Environment</u> The housekeeping still not resolved due to space constraints.	Bridgecon -Fujita
3.15.0	Hasrat Usaha-LRT 102	
3.15.1	a. <u>Health and Safety</u> All O.R have been closed. There's no major safety issue	
3.15.2	b. <u>Security</u> Prima Structure now only has about 20 workers at site, all of them are legal workers. Once Selera Putra which situated under Dataran Putra is open to the public, the contractor is to ensure that no worker is allowed to eat there.	Hasrat Usaha
3.15.3	c. <u>Environment</u> Silt trap is already handed over to Ahmad Zaki Sdn. Bhd.	

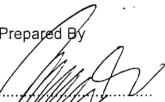
ITEM	DESCRIPTION	ACTION
3.25.0	Pioneer	
3.25.1	a. <u>Health & Safety</u> No issue.	
3.25.2	b. <u>Security</u> No issue	
3.25.3	c. <u>Environment</u> No issue	
3.26.0	C.I Readymix	
3.26.1	a. <u>Health & Safety</u> No issue	
3.26.2	b. <u>Security</u> No issue	
3.26.3	c. <u>Environment</u> No issue.	
3.27.0	Pembinaan Tajri Sdn. Bhd.	
3.27.1	a. <u>Health & Safety</u> All safety signages mentioned in the O.R no. 2283/2000 have been installed. A flag man is required to manned the dump truck crossing.	Pembinaan Tajri
3.27.2	b. <u>Security</u> No issue	
3.27.3	c. <u>Environment</u> No water bowser was demonstrated for transportation of unsuitable material	
3.28.0	Pj Acres.	
3.28.1	a. <u>Health & Safety</u> The contractor is to place safety cones during maintenance works along Persiaran Persekutuan and other public roads.	PJ Acres
3.28.2	b. <u>Security</u> No issue	
3.28.3	c. <u>Environment</u> No issue	

ITEMS	DESCRIPTION	ACTION
3.29.0	Ahmad Zaki- Waterfront Promenade	AZSB
3.29.1	a. <u>Health & Safety</u> No issue	
3.29.2	b. <u>Security</u> No issue	
3.29.3	c. <u>Environment</u> EMCP is still under review and some comments were made by EMU. LRT 102 has handed over silt trap to AZSB and desilting works at the silt trap is in progress. Sign of present of oil were spotted at lake shoreline area.	
3.30.0	Maintenance Engineering Sdn. Bhd.	MESB
3.30.1	a. <u>Health & Safety</u> An accident occurred on 22/08/2000. A worker was ¾ buried due to the collapsed of trench's slope.	
3.30.2	b. <u>Security</u> No issue	
3.30.3	c. <u>Environment</u> A letter of approval has been received for EMCP .	
3.31.0	Seni Kembara <i>also found</i>	Seni Kembara
3.31.1	a. <u>Health & Safety</u> The contractor violated SWO when their workers were spotted by En. Suresh of EMU working inside unsafe excavation at line J located at Precinct 16. The contractor was reminded to fully observed the SWO. A clarification can be sought from PJH Safety Unit if the contractor is not clear on the area involved in the SWO .	
3.31.2	b. <u>Security</u> No issue.	
3.31.3	c. <u>Environment</u> No issue.	
3.32.0	Contrail Sdn. Bhd.	
3.32.1	a. <u>Health & Safety</u> Safety briefing for new workers will be held by Safety unit.	
3.32.2	b. <u>Security</u> No issue.	
3.32.3	c. <u>Environment</u> EMCP has been submitted.	

ITEMS	DESCRIPTIONS	ACTION
3.33.0	Ibsul Sdn. Bhd. <i>absent</i>	Ibsul
3.33.1	<u>a. Safety & Health</u> No. Issue.	
3.33.2	<u>b. Security</u> No. Issue	
3.33.3	<u>c. Environment</u> EMCP is still not submitted to EMU. The contractor is to ensure that all vehicle's tyres are clean before they can be allowed to come out from the site.	
3.34.0	Purcon Sdn. Bhd.	
3.34.1	<u>a. Safety & Health</u> No issue	
3.34.2	<u>b. Security</u> No issue	
3.34.3	<u>c. Environment</u> No issue	
3.35.0	Sri Pelagat Sdn. Bhd. <i>absent</i>	
3.35.1	<u>a. Safety & Health</u> No. Issue	
3.35.2	<u>b. Security</u> No issue	
3.35.3	<u>c. Environment</u> No issue	
3.36.0	Diplomatic Enclave - PPC	PPC
3.36.1	<u>a. Safety & Health</u> The contractor is to submit to Pjh Safety Unit the document as follows : i. A supporting document to prove that the Safety Officer is competent ii. Penalties system iii. Organisational roles and responsibilities on safety.	
3.36.2	<u>b. Security</u> No issue	
3.36.3	<u>c. Environment</u> No issue	

ITEMS	DESCRIPTIONS	ACTION
3.37.0	Logistic.	
3.37.1	<p>En. Zulkifli of KLCCB's Logistic mentioned that some part of logistic road will be premiss soon.</p> <p>He mentioned that there was no plan to premiss the whole stretch of the Logistic road as it is not viable and will incur significant sum of money.</p>	
4.0.0	New Issues	
4.1.0	<p>a. <u>Safety & Health</u></p> <p>PJH Safety Unit is organising dump Truck training programme on 3rd. Week of Sept. 2000. Contractor are requested to register their workers. The course fee will be RM130-00/person.</p> <p>PJH Dump truck's permit (sticker) will not be issued to contractor unless their operator had already attended this type of training programme</p>	
4.2.0	<p>b. <u>Security.</u></p> <p>PJH Security Unit will be recommending to Project Coordination Division of PJH to hold progress payments to those contractors who are caught employing illegal workers at site.</p>	
4.3.0	<p>c.<u>Environment</u></p> <p>Pn. Chui reminded all contractors that EMAR submission is twice a month.</p> <p>Meeting ended at 1.10 p.m.</p>	

Prepared By



Sahabuddin Ahmad
Senior Executive, Safety

Date : 25/09/2000

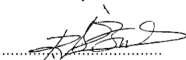
Reviewed by



Zulkifli Yusoff
Manager Security Unit

date : 25/9/2000

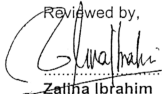
Reviewed by ,



Abu Bakar Md Din
Manager, Safety and Health Unit

Date : 28/09/2000

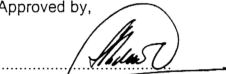
Reviewed by,



Zalina Ibrahim
Manager, EMU

Date : 25/9/2000

Approved by,

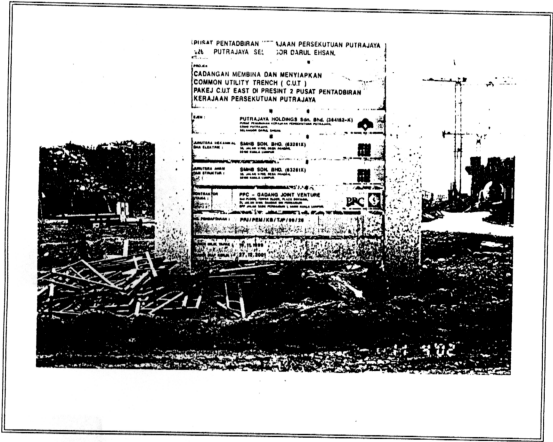


Lt. Col (R) Abdul Razak Abdullah
Senior Manager
HSSE Department

Date : 26th Sept 2000

APPENDIX H

COMMON UTILITY TUNNEL PUTRAJAYA



The " Said Project " - Sign board



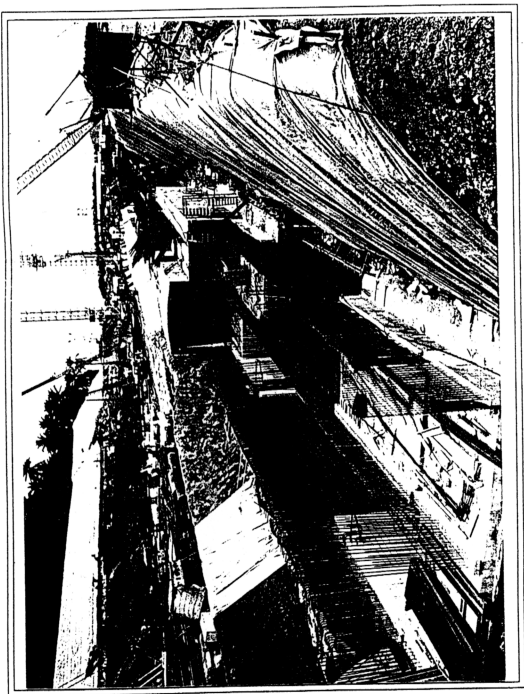


Photo 1 View Of Progress at El

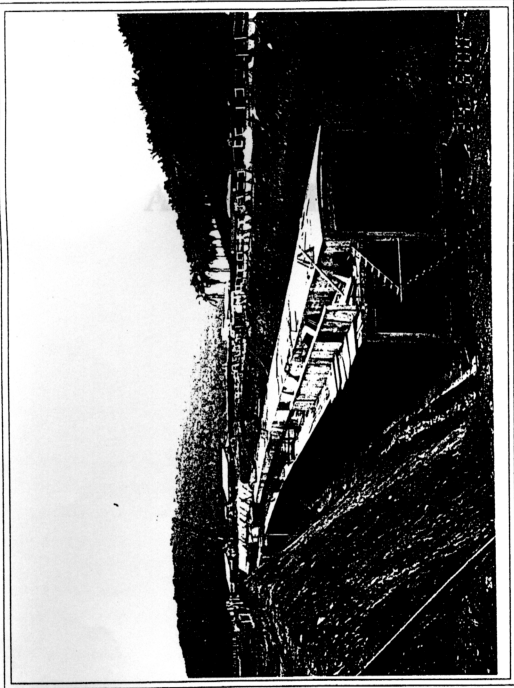


Photo 2 View of Progress at E2

APPENDIX I

1.1 CONTRACT SUMMARY

CONTRACT TITLE	PROPOSED CONSTRUCTION AND COMPLETION OF THE COMMON UTILITY TRENCH (CUT) PACKAGE CUT EAST IN PRECINCT 2 OF THE FEDERAL GOVERNMENT ADMINISTARTING CENTRE AT PUTRAJAYA
CONTRACT NO.	1Aa/UT1/P02/CUTW/CON/10N/0498
CLIENT	PERBADANAN PUTRAJAYA PUSAT PENTADBIRAN KERAJAAN PERSEKUTUAN, PUTRAJAYA 62675 PUTRAJAYA TEL: 03-8250025 FAX: 03-8258744 / 8254341
CLIENT'S AGENT	PUTRAJAYA HOLDINGS SDN BHD PUSAT PENTADBIRAN KERAJAAN PERSEKUTUAN, PUTRAJAYA 62000 PUTRAJAYA SELANGOR DARUL EHSAN TEL: 03-8262526 FAX: 03-8262436
PROJECT MANAGER	KUALA LUMPUR CITY CENTER BHD PUSAT PENTADBIRAN KERAJAAN PERSEKUTUAN, PUTRAJAYA 62000 PUTRAJAYA SELANGOR DARUL EHSAN TEL: 03-8262526 FAX: 03-8262443
CONSULTANT ENGINEER	SAHIB SDN BHD NO. 38, JALAN 1/761D, DESA PANDAN, 55100 KUALA LUMPUR TEL: 03-9839766 / 9815415 FAX: 03-9839648
CONTRACT SUM	RM 19,268,765.76
LAD	RM 3,000.00 PER DAY
COMMENCEMENT DATE	19TH NOVEMBER 1999
CONTRACT PERIOD	110 WEEK
SECTIONAL COMPLETION DATE (ORIGINAL)	-
OVERALL COMPLETION DATE (ORIGINAL)	27TH DECEMBER 2001
SECTIONAL COMPLETION DATE (REVISED)	NIL
OVERALL COMPLETION DATE (REVISED)	NIL
EXTENSION OF TIME GRANTED	NIL
DEFECT LIABILITY PERIOD	24 MONTHS
WORKMEN COMPENSATION NO. VALIDITY PERIOD	POLICY NO: BK 0009562 - 99 - LWCI AGENCY - INSF 0002 INSFIELD INSURANCE BROKERS SDN BHD
EMPLOYER'S LIABILITY NO. VALIDITY PERIOD	-
PERFORMANCE BOND VALIBLITY PERIOD	19/11/2000 - 27/12/2003
PROJECT SITE PERMIT	SL 020524 - 04 START PERIOD : 09/12/1999
CIDB NO.	1961227 - SL 020524