



SYARIKAT BEKALAN AIR SELANGOR SDN BHD

FORM KA 1/2
(Rev. 2007)

Your Ref.
Our Ref.

Developer/Proprietor:
Address :

Date :

Syarikat Bekalan Air Selangor Sdn. Bhd
(SYABAS)

Melalui,
Ketua Wilayah
(Pengurus Besar/Penolong Pengurus Besar/Pengurus Kanan)
SYABAS Wilayah

Part A

Handing over of reservoir, pump house and mechanical, electrical and telemetry equipments for

I/We the undersigned being the Developer/Proprietor of the above mentioned development hereby agree:-

i) To surrender to Syarikat Bekalan Air Selangor Sdn. Bhd (SYABAS) without any conditions, all rights to all pipelines, waterworks fittings, pump house, pumping equipment and ancillary items, suction tanks, reservoirs and elevated tanks, cable, etc, within the development as detailed below. From the date these water supply installations are accepted and taken over by SYABAS these shall become the property of the State Government of Selangor or Federal Government (as case may be) to be operated and maintained by SYABAS as provided for in the Water Supply (Selangor) Rules and Enactment.

ii) That SYABAS shall be relieved of all financial encumbrances and responsibility in respect of any public utility or other claims in the execution of works and from any source whatsoever incurred by the development prior to the date of taking over.

iii) ** Land Status :

a) That all lands on which the pump house, suction tank, reservoirs, elevated tanks and all other water supply installation have been constructed upon and all pipeline reserves be excised from the ownership including survey fees shall be borne by the developer.

We also enclosed a certified copy of the final endorsed layout plan by the relevant authority and a copy of survey plans certified by a license surveyor as per Appendix I.

b) That we have submitted to* Q.T.'s together with Borang 12A Section 97/N.LC 50.A copy of the letter with endorsed acknowledgement from the relevant land office and documents is attached for your reference. Two copies of Titles/Q.T.s and copy of survey plans as per Appendix I certified by a license surveyor are attached for your information and retention.

.....
Name + Signature of Witness

.....
Name + Signature of Developer / Proprietor

Date

Date

- Fill the respective Pemungut Hasil Tanah for District in Selangor or Pengarah Tanah dan Galian in the case of Wilayah Persekutuan Kuala Lumpur.
- For land status, please tick the relevant box.



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Part B

(To be completed by Consultant Engineer/Developer)

Handing over of reservoir, pump house and mechanical, electrical and telemetry equipments for

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1. RESERVOIR

a. Reservoir Details

Reservoir	Type of Reservoir	Type of Material	Capacity (ML)	TWL (Meter) ODL	BWL (Meter) ODL
Suction Tank					
Service reservoir 1 (Ground/ Elevated)					
Service reservoir 2 (Ground/ Elevated)					

b. Reservoir Dimension

Reservoir	Length (L) (m)	Width (W) (m)	Diameter (D) (m)	Height (H) (m)	x-sectional area (m ²)
Suction Tank					
Service reservoir 1 (Ground/ Elevated)					
Service reservoir 2 (Ground/ Elevated)					

c. Incoming Main to Suction Tank, Suction Pipe and Pumping Main

	Diameter (mm)	Type	Class/Rating	Length (m)
Incoming Main				
By-pass Pipe				
Suction Pipe				
Pumping Main				



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d. Valves at reservoir and at incoming main / suction tank / pumping main.

Type	Type of valve sluice / Butterfly / others	Name of approved brand	Model	Number(s)	Sizes (mm)
Inlet Control Valve					
Throttling Valve					
Inline/Isolating Valve					
By-pass Valve					
Air Valve					
Scour Valve					

e. Level Indicator (mechanical)

	Brand	Model	Number(s)	Sizes (mm)
A) Suction Tank				
B) Service Reservoir				

2. PUMP HOUSE

a. Building

Pump House	No.	Total Floor Area (Sq. Meter)

b. Pump Sets : (At Duty Point)

	Nos.	Brand	Model	Capacity m ³ /hr	Head (Meter)	Motor (Kw) And Brand
Set 1						
Set 2						
Set 3						
Set 4						



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c. Surge Vessel.

Dimension	Plan No.	Certificate No.	Tested Pressure	Working Pressure	Tested Date

d. Air Compressor

Equipment	Type	Make	Model	Capacity / Power
Compressor				
Motor				

e. Valves at Surge Vessel

Valve	Name of approved brand	Model	Number(s)	Sizes (mm)
Isolating Valve				
Check Valve				
Orifice				

f. Surge Anticipator Valve

Name of approved brand	Model	Number(s)	Sizes (mm)

g. Mechanical Handling Equipments

Manufacturer	Type	Drawings/ Plan No.	Certificate No	Tested Date	Hoist	Capacity

h. Electrical Equipment at Pumphouse

Main Switch Board

Type	Manufacturer	Drawings/ Plan No.	Size	Expire Date	Certificate No
ACB / Fuse Switch MCCB					
Over Current /Earth Fault Relay					
Busbar					



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Starter Panel (D.O.L)

Type	Brand	Model	Size
MCCB/Isolator			
Contactor			
Cable			
Motor (Kw/Hp)			

Starter Panel (AUTO TRANSFORMER)

Type	Brand	Model	Size
MCCB/Isolator			
Contactor			
Motor Protection Relay			
Auto Transformer			
Cable			
Motor (Kw/Hp)			

Starter Panel (ROTOR RESISTANCE)

Type	Brand	Model	Size
MCCB/Isolator			
Contactor			
Motor Protection Relay			
Rotor Resistance			
Cable			
Motor (Kw/Hp)			

i. Auto System

Type	Brand	Model	Size
Modem			
Controller			
Float less Relay			

j. Scada / Telemetry Equipment at Pumphouse/Reservoir

Remote Terminal Unit (RTU)

Type	Brand	Model	Serial No.
GSM RTU			
GSM Modem			
Radio RTU			
Radio Modem			



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Instrumentation

Type	Brand	Model	Serial No.
Flow Meter ; Pumping Flow 1: Pumping Flow 2: Reservoir Tank 1: Reservoir Tank 2:			
Pressure Sensor			
Surge Protection; Category 1: Category 2: Category 3:			
Level Sensor; Suction Tank 1: Suction Tank 2: Reservoir Tank 1: Reservoir Tank 2:			



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Type	Brand	Model	Serial No.
Overflow rod;			
Suction Tank 1:			
Suction Tank 2:			
Reservoir Tank 1:			
Reservoir Tank 2:			
Digital Indicator			
Battery			
Battery Charger			

k. **Other Scada equipment** : _____
(Please specify) _____

3. QUARTERS

Quarters	Type /Class / Category	Nos.	Total Floor Area (Sq. Meter)

4. OTHER INSTALLATIONS IF ANY

5. NAME AND ADDRESS OF CONTRACTOR.

- i. Civil works :
- ii. Mechanical Works :
- iii. Electrical Works :
- iv. Telemetry / Scada Works :

6. CONSTRUCTION COSTS:

- i. Suction Tank RM
- ii. Storage Tank RM
- iii. Pump house RM



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- iv. Quarters RM
 - v. Mechanical works including spare and tools. RM
 - vi. Electrical Works including spare and tools. RM
 - vii. Telemetry / Scada works including spares & tools RM
 - viii. Other civil engineering works not included above RM
(Pl. specify)
- Total RM

7. Forward here with the following :-

- i) Certificates for pump tests duly certified.
- ii) As built Plans and Operation Manual.
- iii) Copies of tender/Quotation of works.
- iv) Guarantee letter from the tank's suppliers on panel tank.
- v) Invoices of mechanical / electrical / telemetry and SCADA equipments, stating the value of the equipments.

8. We hereby certify that the above installations have been carried and were supervised by us and is in accordance to the plans and specification approved by SYABAS.

9. We hereby undertake full responsibility for the design and construction of external water supply works, any non – compliance and deviation of the said external water supply works.

Agreed by Developer,

Certified by Civil Engineering Consultant,

Signature
Name :
Stamp of developer :
Date :

Signature
Name :
Stamp of Consultant :
Date

Certified by Mechanical /Electrical Consultant,

Signature
Name :
Stamp of Consultant :
Date



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PART C

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Handing over of reservoir, pump house and mechanical, electrical and telemetry for
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1. 'As Built' plans Reference No. for Reservoir / Pump house / Mechanical, Electrical and
telemetry at the above development scheme.

.....
.....

2. Checking and approval of As-built plans.

Checked by Technician,

Reviewed by Head of Development
section/ Technical Manager,

.....
Signature
Name :
Date :

.....
Signature
Name :
Date :

3. Updating of plans by Mapping unit.

Updated by Head of Mapping unit,

.....
Signature
Name :
Designation :
Date :

4. Approved by Ketua Wilayah,

.....
Signature
Name :
Date :



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Appendix 1

PENYERAHAN TANAH KEPADA SYABAS OLEH PIHAK PEMAJU

1. Kawasan yang telah diperuntukan untuk installasi-installasi bekalan air di dalam pelan susunatur yang telah diluluskan.

Pemaju hendaklah mengemukakan lapan (8) salinan pelan yang mengandungi butir-butir berikut:-

- i) Pelan lokasi yang berskala 1 inci = 8 rantai
 - ii) Pelan Tapak yang berskala 1 : 500 dengan ukuran sempadan dan dinyatakan keluasan tanah tersebut.
 - iii) Pelan Kunci yang berskala 1 inci = 1 batu
 - iv) Pelan Pra – hitungan / pre-com yang menunjukkan nombor lot dan keluasan tapak-tapak untuk installasi tersebut.
2. Tanah yang mempunyai hakmilik
 - a) Pemaju hendaklah menyerahkan tanah tersebut kepada Kerajaan dengan menggunakan 'Borang 12A' Kanun Tanah Negara melalui Pejabat Tanah yang berkenaan.
 - b) Surat hakmilik asal hendaklah disertakan bersama Borang 12A semasa penyerahan dibuat.
 - c) Salinan Borang 12A yang disahkan penerimaannya oleh Pejabat Tanah yang berkenaan bersama dengan salinan surat hakmilik hendaklah dikemukakan ke SYABAS.
 - d) Salinan pelan yang perlu dikemukakan adalah seperti diperkara (1).