



# TAKLIMAT TENDER

TAKLIMAT TENDER



OLEH :

**Bahgaian Alam Sekitar, Tasik Dan  
Wetland(BASTW), Jabatan Perancangan  
Bandar**



# TAJUK TENDER

**CADANGAN KERJA-KERJA PENYELENGGARAAN STRUKTUR DAN KEMUDAHAN  
TASIK & WETLAND PUTRAJAYA, WILAYAH PERSEKUTUAN PUTRAJAYA UNTUK  
TEMPOH TIGA (3) TAHUN**

**NO. TENDER : PPj/T/JR/14/2022**



# MAKLUMAT TENDER

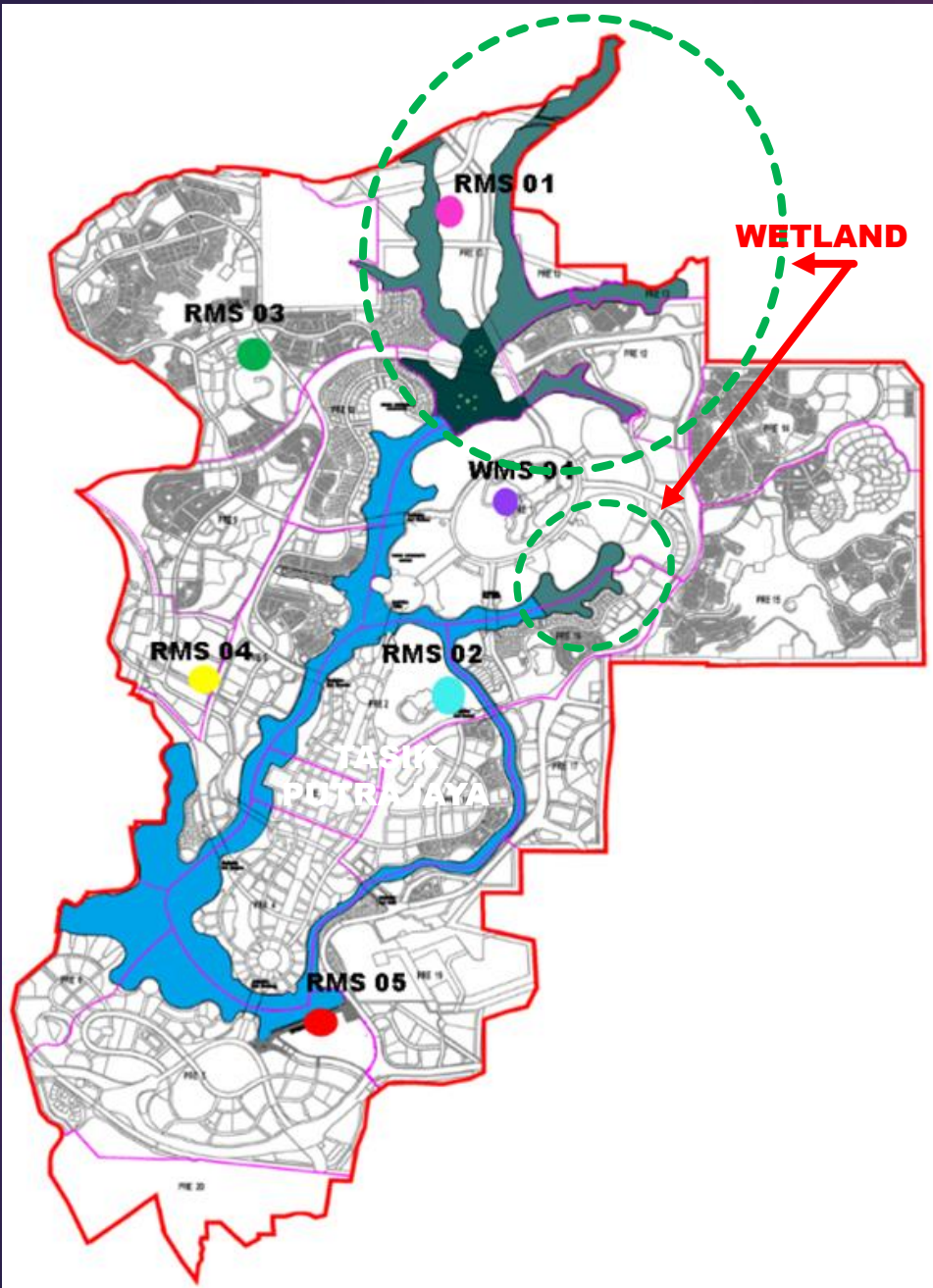
PEMILIK	:	PERBADANAN PUTRAJAYA
AGEN PELAKSANA	:	PERBADANAN PUTRAJAYA
KONTRAKTOR	:	KONTRAKTOR BUMIPUTERA YANG BERDAFTAR DENGAN LEMBAGA PEMBANGUNAN INDUSTRI PEMBINAAN MALAYSIA (LPIPM/CIDB), PUSAT KHIDMAT KONTRAKTOR (PPK) UNTUK TARAF BUMIPUTRA DI BAWAH UNTUK <b>GRED G7</b> KATEGORI : CE 21 ATAU CE32
TARIKH TAKLIMAT DAN LAWATAN TAPAK	:	<b>TIDAK DIWAJIBKAN.</b> KONTRAKTOR / SYARIKAT YANG BERMINAT BOLEH MENDAPATKAN MAKLUMAT BERKAITAN <b>TENDER</b> BERKENAAN PADA PAUTAN PORTAL PERBADANAN PUTRAJAYA
TARIKH JUAL DOKUMEN TENDER	:	<b>4 JULAI 2022 (ISNIN)</b>
TARIKH TUTUP BELI DOKUMEN TENDER	:	<b>18 JULAI 2022 (JUMAAT)</b>
TARIKH TUTUP TENDER	:	<b>26 JULAI 2022 (SELASA)</b>
PENGEMUKAAN TENDER	:	SEKSYEN PENGURUSAN PEROLEHAN, JABATAN KEWANGAN, ARAS 3, BANGUNAN ANNEXE, KOMPLEKS PERBADANAN PUTRAJAYA, 24, PERSIARAN PERDANA, PRESINT 3, 62675 WILAYAH PERSEKUTUAN PUTRAJAYA.
HARGA DOKUMEN TENDER	:	RM 300.00 – TUNAI

# **RINGKASAN SKOP KERJA**

- ❖ **PRELIMINARIES**
- ❖ **CIVIL & STRUCTURE MAINTENANCE**
- ❖ **HOUSEKEEPING/ CLEANING/ UPKEEPING**
- ❖ **MECHANICAL MAINTENANCE**
- ❖ **ELECTRICAL MAINTENANCE**
- ❖ **WATER SPORT EQUIPMENT/ FACILITIE MAINTENANCE**
- ❖ **WEIR, SHORELINE AND DAM STABILITY MONITORING ASSESSMENT**
- ❖ **HYDROLOGICAL MONITORING ASSESSMENT**
- ❖ **HYDROGRAPHIC SURVEY**
- ❖ **TRACER TEST**
- ❖ **PROVISIONAL SUM**

**# dibaca Bersama perincian specification/ method statement/ service level agreement/ inventory asset/ drawing**





# PUTRAJAYA LAKE & WETLAND

# PUTRAJAYA LAKE

600 ha badan air, 38km Shorelines,  
Jetty & Pontoon (27 unit), Peralatan Navigasi (termasuk marker bouy  
+ blinker etc), Peralatan Sukan Air / Rekreasi (racing lane, starter  
pontoon etc)





# PUTRAJAYA WETLAND

20 km Jalan Penyelenggaraan, 24 weir (tebat batu),  
V-Drain (20km) Culvert, Outlet Structure, Sump,  
Gabion (> 40 unit)





# LAKE MAINTENANCE CENTRE

Luas kawasan 13,000m<sup>3</sup>

Blok pejabat, peralatan termasuk Travel Lift dan Forklift

(kerja pembersihan dan penyelenggaraan jentera – servis berkala, etc)





# PUTRAJAYA PONDS/ MAIN DRAIN

10 ponds, kerja termasuk pembersihan sampah,  
rumpai air & algae scum





# KERJA-KERJA AWAM - PENYELENGGARAN DAN PEMBERSIHAN STRUKTUR

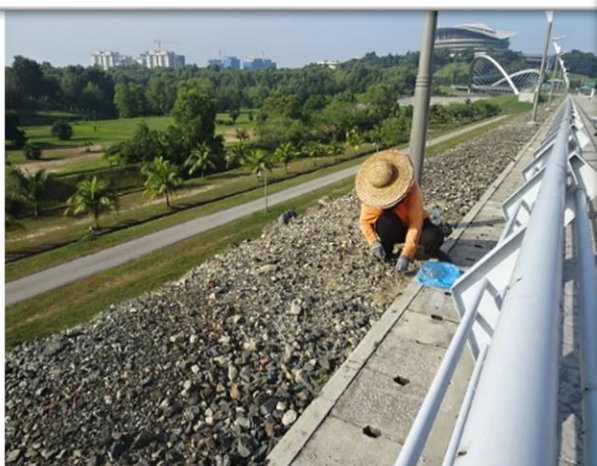


- ✓ **200ha wetland** - inlet / outlet structure / stoplog levelling
  - ✓ **400 ha lake** – upkeeping/housekeeping
  - ✓ **24 weirs** – inspection on seepage, crack, instability
  - ✓ **20km maintenance track** – fill up potholes & levelling
  - ✓ **20km v-drain & 40 sumps**
  - ✓ **38 km shorelines & slope** – maintenance and structural repair
  - ✓ **Dam, DCC & Pedestrian Bridge**
- # Skop termasuk penyediaan pengangkutan termasuk bot





# KERJA-KERJA AWAM (HOUSEKEEPING & UPKEEPING)





# MENYELENGGARA JETI, BOYA DAN PEMASANGAN PERALATAN SUKAN AIR



- ✓ 27 unit jeti dan pontoon
- ✓ 57 unit marker bouy

## Pemasangan Peralatan Sukan

- ✓ gelanggang rowing (albano lane marking system)
- ✓ gelanggang slalom
- ✓ gelanggang kanu polo
- ✓ starter pontoon
- ✓ automatic starting system





# PENYELENGGARAAN MEKANIKA

2 nos submersible pump 132kw, small pumping station,  
sewerage system pump





# PENYELENGGARAAN MEKANIKAL

## Penstock, air cond





# PENYELENGGARAAN MEKANIKAL

Fire extinguisher, fire hydrant, ventilation fan,  
sanitary & plumbing





# PENYELENGGARAAN MEKANIKAL (JENTERA)

## SKOP KERJA PENYELENGGARAAN BULANAN DAN BERJADUAL

(PEKERJA PENYELENGGARAAN PERLU MEMPUNYAI PENGALAMAN DAN BERKELAYAKAN MENYELENGGARAAN PERALATAN TERSEBUT)



### MARINE TRAVEL LIFT

Specification:

- ASCOM
- Model: BHT 75
- Capacity metric ton : 75 tonnes-
- Power Kw: 74,00kw



### FORKLIFT TRUCK

Specification:

- HELI
- Model: H50
- Capacity metric ton : 4-5 tonnes



# PENYELENGGARAAN MEKANIKAL

(SKOP KERJA PENYELENGGARAAN BULANAN ATAU BERJADUAL  
TERMASUK MEMBAIKPULIH)



## AERATOR PADDLE WHEEL

### Specification:

- Paddle Wheel Aerator 4 wheels 2HP  
415V Three Phase
- Paddle Wheel Aerator 2 wheels 1HP  
415V Three Phase



## PORTABLE FOUNTAIN

### Specification:

Pump Capacity: 4HP (GRUNDFOS  
AP12.50.11.3 Submersible pump)  
Capacity: 1.9kW, 3P, 3x415V, 50Hz



# PENYELENGGARAAN ELEKTRIK

## Low voltage sub-station room, Main Switch Board, Pump Starter Panel, Distribution Box, Feeder Pillar





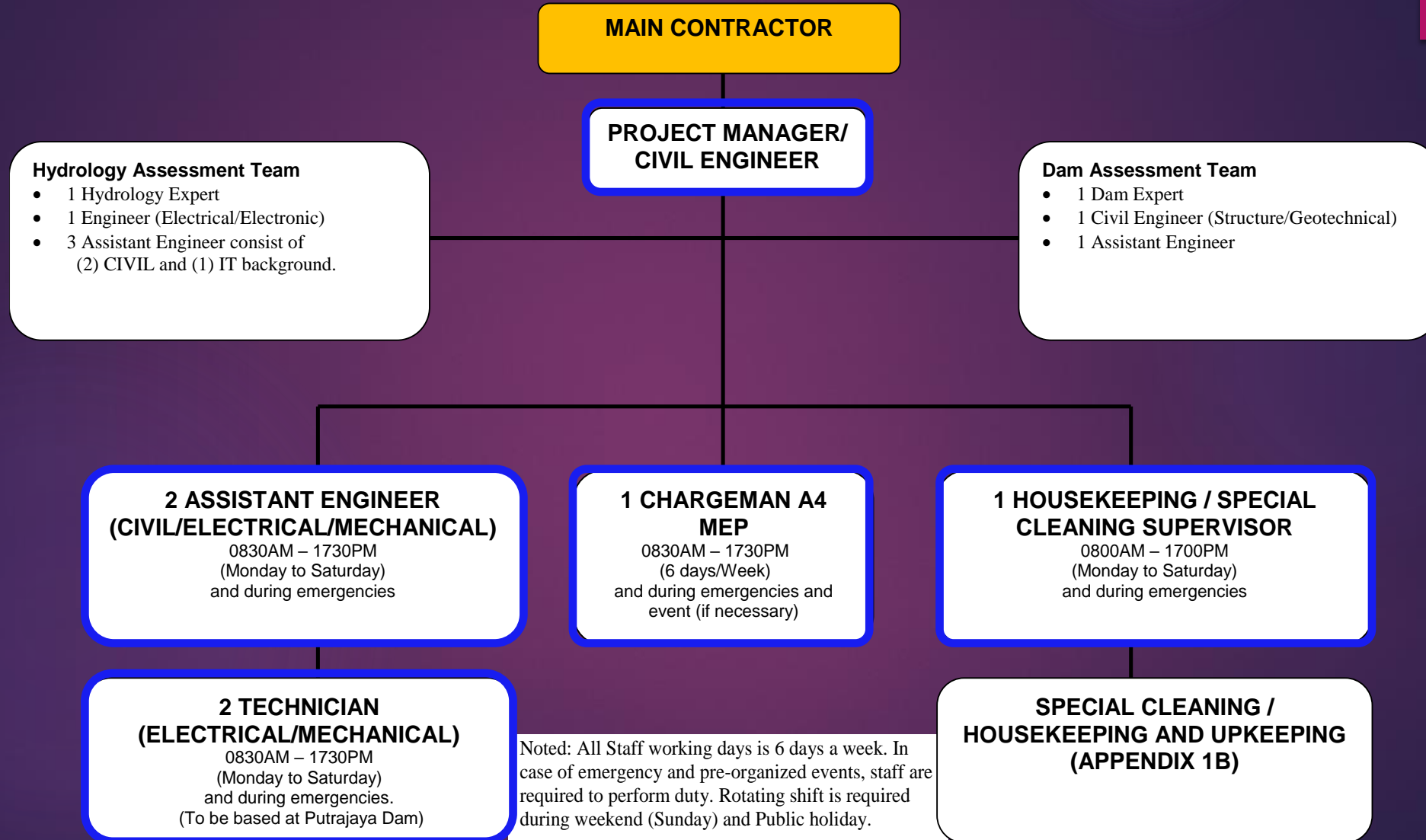
# PENYELENGGARAAN ELEKTRIK

## Lightings, PA System





# ORGANISATIONAL STRUCTURE OF KEY PERSONNEL (minimum no. of staff)





## SERVICE LEVEL AGREEMENT (SLA) & KEY PERFORMANCE INDICATOR (KPI)

### *Non Compliance with the Work Specifications, Services Level and Key Performance Indicators*

- (a) In the event the Contractor fails to comply with any of the Work Specifications, Services Level or Key Performance Indicators and without prejudice to any other right that Perbadanan may have under this Agreement, Perbadanan shall have the right to impose a penalty based at a rate of RM100.00 or 10% of the value of non-completed work or at a rate as specified thereof, whichever is higher, per issuance of the Non-Compliance Certificate.
- (a) For the purpose of Clause 6.5.2(a), the Non-Compliance Certificate shall mean the notice issued by Perbadanan, upon Perbadanan being satisfied that the Contractor fails, neglects, breaches and/or omits to perform satisfactorily and in accordance with the Work Specifications, Services Level or Key Performance Indicators (as the case may be) including but not limited to the failure to meet the response time thereunder.
- (a) The Contractor may appeal to Perbadanan against the issuance of Non-Compliance Certificate and any decision made thereof shall be final and conclusive.





**Sekian, Terima Kasih.**