

**CADANGAN MEMBINA PASAR SEMENTARA (TRANSIT) UNTUK PASAR AWAM MESS, JALAN SK 10, SERI KEMBANGAN, SELANGOR DARUL EHSAN**

ITEM	DESCRIPTION	UNIT	QTY	RATE (RM)	AMOUNT ( RM )
	<b>BILL. NO. 8 - EXTERNAL WORKS (ALL PROVISIONAL)</b>				
	<i>SURFACE WATER DRAINAGE</i>				
A	Excavate trench commencing from ground level not exceeding 0.25m get out, part return, fill in ram, deposit, spread and level remove surplus excavated materials as specified to permitted landfill including necessary planking, strutting and dewatering	M	150		
B	Supply, lay and compact in-situ concrete grade 15 as described ; thickness not over than 100mm.	M3	3		
C	Supply, lay and install Salt Glazed ware drain - half round size 225mm including jointed and pointed with cement mortar (1: 3) and connection to main drain and other associated works.	M	150		
	<i>BRICK SUMP</i>				
D	Construct 600mm x 600mm x 1000mm brick sump from 225mm thick brickwall including 20mm thick cement and sand (1: 6) smooth plaster on the inner wall surface laid on top of Grade 20 as described concrete bed with Fabric reinforcement BRC A8; concrete top 150mm x 150mm thick at the top of the brickwall and all necessary formwork, excavation and disposal of surplus excavated material, connection to existing as directed by S.O.	NOS	12		
E	Supply and install composite sump covers according to the specified size as described including other fittings.	NOS	12		
	<i>BOX CULVERT</i>				
	Excavate trench commencing from ground level not exceeding 1.50m get out, part return, fill in ram, deposit, spread and level remove surplus excavated materials as specified to permitted landfill including necessary planking, strutting and dewatering for :-				
F	Entrance to the Refuse Chamber	M	6		
G	Main entrance	M	10		
<b>Total bring forward (RM) :</b>					

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<p style="text-align: center;"><b>Total from forward (RM) :</b></p> <p><b>BILL. NO. 8 - EXTERNAL WORKS (ALL PROVISIONAL) (cont'd)</b></p> <p><i>SURFACE WATER DRAINAGE (cont'd)</i></p> <p><i>BOX CULVERT(cont'd)</i></p> <p>Supply, lay and compact in-situ concrete grade 15 as described ; thickness not over than 100mm for:-</p>					
A	Entrance to the Refuse Chamber	M3	1		
B	Main entrance	M3	1		
<p>Supply, deliver to site and lay size 600mm x 600mm precast concrete box culvert with cover; component complete flexible joint (spigot and socket joint complete with rubber ring) including jointing and pointing in cement mortar including all necessary excavation, planking, strutting, dewatering and formwork and all material as recommended by the manufacturer.</p>					
C	Entrance to the Refuse Chamber	M	6		
D	Main entrance	M	10		
<p>Spread, levelled and compacted crusher run - 300mm thick to required gradients, chamber, falls , and cross falls as road base for:-</p>					
E	Entrance to the Refuse Chamber	M2	11		
F	Main entrance	M2	18		
G	Supply & install mild steel fabric reinforcement BRC No. A10 to B.S 4483, well lapped at joints (measured nett - no allowance for laps	M2	11		
H	Supply, lay and compact In-situ concrete grade 20 (1:2:4) - 300mm thick as specified for slab	M3	4		
<p><b>CONSTRUCT TOILET, STOR AND REFUSE CHAMBER</b></p>					
J	Construct and complete TOILET size 6200mm long x 2400mm wide for OKU, men & women complete with roofed structure, brickwalls, piping system, electrical system, toilet equipment including installation of septic tanks and other associated work. (Please refer to LUK drawing.2)	NOS	2		
<b>Total bring forward (RM) :</b>					

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ITEM	DESCRIPTION	UNIT	QTY	RATE (RM)	AMOUNT ( RM )
<b>Total from forward (RM) :</b>					
<b>BILL. NO. 8 - EXTERNAL WORKS (ALL PROVISIONAL) (cont'd)</b>					
CONSTRUCT TOILET, STOR AND REFUSE CHAMBER (Cont'd)					
A	Construct and complete STOR size 3000mm x 3000mm complete with roofed building structure, brickwalls, electrical system, fittings and other associated works. (Please refer to LUK drawing.2)	NOS	1		
B	Construct and complete REFUSE CHAMBER size 6000mm x 4000mm complete with brickwall roofed building structure, piping system, electrical system, finishes, fittings and other associated works. (Please refer to LUK drawing.2)	NOS	1		
<b>FENCING AND GATE</b>					
C	Supply and install ant-climb fencing with 5mm diameter mesh, with vertical distance 50mm and horizontal distance 150mm, panel size 2.4m wide X 2.1m high including Ultragal Post 100mm diameter c/w welded cap with interval at every 2580mm center to center including stainless steel U clip bolt and nut, all post bedded in and including plain concrete grade 20, all necessary excavation, formwork and painting to steel works.	M2	162		
D	Supply and install permanent hoarding 2.1 meter high from corrugated metal deck sheets including 25mm thick frame/iron frame (framing) and MS Hollow iron poles size 50mm, all post bedded in and including plain concrete grade 20, all necessary excavation and other associated works.	M2	380		
Supply and install set of iron frame gate (sliding) with galvanized wire fence panel size 9.6m wide X 1.2m high including Ultragal Post 60mm diameter c/w welded cap with interval at every 2580mm center to center including stainless steel U clip bolt and nut, all post bedded in and including plain concrete grade 20, all necessary excavation, and other associated works for:-					
E	Entrance to the Refuse Chamber	NOS	1		
F	Main entrance	NOS	1		
Supply and install set of iron frame gate (sliding) with galvanized wire fence panel size 2.4m wide X 1.2m high including Ultragal Post 60mm diameter c/w welded cap with interval at every 2580mm center to center including stainless steel U clip bolt and nut, all post bedded in and including plain concrete grade 20, all necessary excavation, and other associated works for:-					
G	Walkway	NOS	1		
<b>Total bring forward (RM) :</b>					

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<b>Total from forward (RM) :</b>					
<b>BILL. NO. 8 - EXTERNAL WORKS (ALL PROVISIONAL) (cont'd)</b>					
MEMBINA LALUAN PEJALAN KAKI (62M X 1.5M)					
A	Supply, install and compact 60mm thick interlocking concrete paving units; including a 30mm thick sand surface layer and the space between the filled units with fine sand and other associated works. (as per drawing)	M2	95		
<i>ROAD AND PAVEMENTS</i>					
B	Supply, spread, levelled and compact 150mm thick sand as subgrade	M3	550		
C	Spread, levelled and compacted crusher run - 150mm thick to required gradients, chamber, falls , and cross falls as road base.	M3	550		
Supply, spread, levelled and compact 60mm thick ACBC-20mm binder layer (binder course) including 80/100 penetration grade bituminous (prime coat) sprayed at 4 liters/square meter and top layer sprayed at 1.4 liters/square meter and compacted with 6 ton rollers for:-					
D	Tapak pasar sementara	M2	3,200		
E	Main entrance	M2	18		
Supply, spread, levelled and compact 50mm thick AC-14mm wearing course (macadam bitumen) including one layer of liquid bitumen (tack coat) sprayed at a rate of 2 liters/square meter and compressed with 8 ton roller for:-					
F	Tapak pasar sementara	M2	3,200		
G	Main entrance	M2	18		
Prepare and apply REFLECTORIZED HOT APPLIED THERMOPLASTIC ROAD MARKING PAINT (for AC14) as specified on the premix road surface such as yellow box, center line, edge line and arrow according to the instructions of the					
H	Naiktaraf persimpangan Sk 6/1 dan BS 5/27	M2	500		
<b>Total bring forward (RM) :</b>					

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	<p><b>Total from forward (RM) :</b></p> <p><b>BILL. NO. 8 - EXTERNAL WORKS (ALL PROVISIONAL) (cont'd)</b></p> <p><i>ROAD AND PAVEMENTS ( cont'd)</i></p> <p>Supply and fix the following road signages approved including all necessary foundation, painting, lettering and fixing brackets for the post complete with other associated accessories for:-</p>				
A	BERHENTI	NOS	1		
B	KURANGKAN LAJU	NOS	1		
C	ANAK PANAH	NOS	1		
	MEMASANG PAPANTANDA NAMA PASAR				
D	<p>Supply, install and fixing papan tanda nama pasar sementara (<i>transit</i>) jenis <i>anti sticker</i> with kepingan papan dari komposit aluminium termasuk 25mm tebal bingkai/rangka besi (<i>framing</i>) dan tiang besi MS <i>Hollow</i> saiz 50mm ditanam menggunakan konkrit. (Sila rujuk lampiran lukisan)</p>	NOS	1		
	GARISAN PETAK PENIAGA				
	Supply and apply REFLECTORIZED WHITE HOT APPLIED THERMOPLASTIC ROAD MARKING PAINT (for AC14) as specified on the premix road surface according to the instructions of the Superintendent or representative of the Superintendent and other associated works.				
E	Saiz petak 2.4m x 2.4m	M2	450		
<b>TOTAL CARRIED TO SUMMARY OF TENDER (RM)</b>					