

3.0 KOS ITEM-ITEM KERJA

3.5 DRAINAGE WORKS

BIL	KETERANGAN KERJA	UNIT	PURATA KADAR HARGA KERJA BAGI TAHUN		*PURATA KADAR HARGA KERJA
			2008 (RM)	2009 (RM)	(RM)
A	<u>Precast Concrete Drain</u>				
1	Supply, handle and lay approved precast concrete L-shape drain including all necessary works; size 1800mm x 1800mm	M	600.00	-	600.00
2	Supply, handle and lay approved precast concrete L-shape drain including all necessary works; size 3000mm x 3000mm	M	1750.00	-	1750.00
3	Supply, lay and joint precast concrete U-drain	M	60.00	60.00	60.00
4	Supply, lay and joint precast U-drain size 1.0m x 0.45m with dry weather flow and without lid	M	165.00	-	165.00
5	Supply, lay and joint precast U-drain size 1.0m x 0.6m with dry weather flow and without lid	M	200.00	-	200.00
6	Supply, lay and joint precast U-drain size 1.2m x 1.2m with dry weather flow and without lid	M	455.00	380.00	418.00
7	Supply, lay and joint precast U-drain size 2.0m x 1.8m with dry weather flow and without lid	M	600.00	-	600.00
8	Supply, lay and joint precast U-drain size 2.0m x 2.0m with dry weather flow and without lid	M	1260.00	-	1260.00
9	Supply, lay and joint precast U-drain size 2.1m x 1.2m with dry weather flow and without lid	M	672.50	-	673.00

* Purata Keseluruhan (rounded up) yang ditetapkan

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			2008 (RM)	2009 (RM)	(RM)
10	Supply, lay and joint precast U-drain size 2.4m x 1.5m with dry weather flow and without lid	M	1320.00	-	1320.00
11	Supply, lay and joint precast U-drain size 3.6m x 2.1m with dry weather flow and without lid	M	1850.00	-	1850.00
12	Supply, lay and joint precast U-drain size 1.5m x 1.5m without dry weather flow and lid	M	457.50	460.00	459.00
13	Supply, lay and joint precast U-drain size 1.8m x 1.2m without dry weather flow and lid	M	420.00	420.00	420.00
B <u>Subsoil Drain</u>					
1	Supply, lay and joint subsoil drain; size 405mm x 607mm x 30mm thick including all necessary works	M	60.00	420	60.00
C <u>Concrete Sump</u>					
1	Cast in-situ concrete sump; 1200mm x 3600mm	NO	4000.00	420	4000.00
2	Cast in-situ concrete sump; 2800mm x 3600mm	NO	4500.00	420	4500.00
3	Construct and complete reinforced concrete sump including all necessary works; size 1.0m x 1.0m	NO	5000.00	420	5000.00
4	Construct and complete reinforced concrete sump including all necessary works; size 2.1m x 1.0m	NO	7500.00	420	7500.00

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			2008 (RM)	2009 (RM)	(RM)
5	Construct and complete reinforced concrete sump including all necessary works; size 2.1m x 3.0m	NO	3000.00	420	3000.00
D	<u>Brick Sump</u>				
1	Construct and complete brick sump including all necessary works; size 750mm x 750mm	NO	500.00	420	500.00
2	Construct and complete brick sump including all necessary works; size 1000mm x 600mm	NO	300.00	420	300.00
3	Construct and complete brick sump including all necessary works; size 1000mm x 1000mm	NO	800.00	420	800.00
4	Construct and complete brick sump including all necessary works; size 1200mm x 1200mm	NO	900.00	420	900.00
5	Construct and complete brick sump including all necessary works; size 1200mm x 1500mm	NO	1000.00	420	1000.00
6	Construct and complete brick sump including all necessary works; size 1800mm x 1200mm	NO	700.00	420	700.00
7	Construct and complete brick sump including all necessary works; size 1800mm x 1800mm	NO	900.00	420	900.00
8	Construct and complete brick sump including all necessary works; size 2100mm x 1800mm	NO	700.00	420	700.00

* Purata Keseluruhan (%) (rounded up) yang ditetapkan

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			2008 (RM)	2009 (RM)	(RM)
9	Construct and complete brick sump including all necessary works; size 2100mm x 2100mm	NO	700.00	420	700.00
10	Construct and complete brick sump including all necessary works; size 3000mm x 1500mm	NO	700.00	420	700.00
E	<u>Culvert</u>				
1	Construct and complete box culvert including all necessary works; size 800mm x 1500mm	M	2200.00	-	2200.00
2	Construct and complete box culvert including all necessary works; size 1500mm x 1500mm	M	900.00	-	900.00
3	Construct and complete box culvert including all necessary works; size 1800mm x 1200mm	M	900.00	900.00	900.00
4	Construct and complete box culvert including all necessary works; size 2000mm x 2000mm	M	2800.00	3250.00	3025.00
5	Construct and complete box culvert including all necessary works; size 2100mm x 1200mm	M	1500.00	1500.00	1500.00
6	Construct and complete box culvert including all necessary works; size 2100mm x 1500mm	M	1500.00	-	1500.00
7	Construct and complete box culvert including all necessary works; size 2100mm x 2100mm	M	1668.00	-	1668.00

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			2008 (RM)	2009 (RM)	(RM)
8	Construct and complete box culvert including all necessary works; size 2400mm x 1500mm	M	1700.00	-	1700.00
9	Construct and complete box culvert including all necessary works; size 3000mm x 2100mm	M	1850.00	-	1850.00
10	Construct and complete box culvert including all necessary works; size 3300mm x 2100mm	M	2950.00	-	2950.00
11	Construct and complete box culvert including all necessary works; size 3600mm x 2100mm	M	4500.00	-	4500.00
F	<u>Drain & Sump Cover</u>				
1	Precast reinforced concrete drain cover size 1000mm x 2550mm x 225mm thick	M	400.00	-	400.00
2	Precast reinforced concrete drain cover size 1000mm x 2900mm x 225mm thick	M	450.00	-	450.00
3	Precast reinforced concrete drain cover size 1340mm x 2000mm x 300mm thick	M	160.00	160.00	160.00
4	Precast reinforced concrete sump cover size 1340mm x 300mm x 1950mm high	NO	110.00	-	110.00
5	Precast reinforced concrete sump cover size 1000mm x 300mm x 2250mm high	NO	140.00	-	140.00

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			2008 (RM)	2009 (RM)	(RM)
G	<u>Grating</u>				
1	Supply and install fibre reinforced plastic grating cover; size 750mm x 750mm	NO	400.00	-	400.00
2	Supply and install fibre reinforced plastic grating cover; size 1800mm x 1800mm	NO	500.00	-	500.00
3	Supply and install mild steel grating; size 500mm x 500mm	M	750.00	-	750.00
4	Supply and install mild steel grating; size 450mm x 600mm	M	750.00	-	750.00
5	Supply and install mild steel grating; size 1500mm x 500mm	M	1000.00	-	1000.00
H	<u>Weepholes</u>				
1	Weepholes in precast concrete drain comprising of aggregates wrapped with filter membrane	NO	44.50	-	45.00

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