

BAHAGIAN 3.2 : SITE INVESTIGATION WORK (CLASS D)

Kawasan Utara - Perlis, Kedah, Pulau Pinang dan Perak
 Kawasan Tengah - Wilayah Persekutuan Kuala Lumpur, Melaka, Negeri Sembilan,
 Selangor dan Johor
 Kawasan Timur - Pahang, Terengganu dan Kelantan

BIL	KETERANGAN KERJA	UNIT	KAWASAN UTARA		KAWASAN TENGAH		KAWASAN TIMUR		KESELURUHAN	
			PURATA (RM)	JULAT (RM)	PURATA (RM)	JULAT (RM)	PURATA (RM)	JULAT (RM)	PURATA (RM)	JULAT (RM)
1	<u>TESTING</u> To carry out Field Density Test & Moisture Content Test in accordance to BS 1377 on each 300mm layer of compacted earth or using sand replacement method as directed by S.O. Rate shall include sampling, material testing & reporting. The test results falling below the specified value will not be paid.	no.			100.27	50.00 - 250.00			100.27	50.00 - 250.00
2	<u>FIELD DENSITY TEST</u> Conduct Field Density Test to Flood Protection Bund as specified.	no.	155.00	100.00 - 250.00					155.00	100.00 - 250.00
3	To carry out Soaked CBR test for the SUBGRADE in accordance to BS 1377. Rate shall include sampling, material testing and reporting. The test results falling below the specified value will not be paid.	no.			151.92	80.00 - 250.00			151.92	80.00 - 250.00
4	To carry out Atterberg Limit test. The tests shall include Liquid Limit, Plastic Limit, Plasticity Index and Linear Shrinkage. Rate shall include sampling, material testing and reporting.	no.			326.08	89.00 - 507.50			326.08	89.00 - 507.50
5	<u>COMPACTION TEST</u> Conduct Compaction Test to Flood Protection Bund as specified	no.	190.91	100.00 - 300.00					190.91	100.00 - 300.00

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6	To carry out Mackintosh probes at 5 m c/c before commencement of wall erection as directed by the S.O.	no.			128.42	69.75 - 200.00				
	<u>CONFIRMATORY BOREHOLES</u>									
7	Mobilization to site and demobilization on completion of all equipment necessary for execution of the Site Operations and installation of the Ancillary Works.	L.S.			8,372.67	2,990.00 - 20,000.00			8,372.67	2,990.00 - 20,000.00
	Movement : Rotary Wash Boring / Core Drilling									
8	Setting out of location, setting up, dismantling and moving rotary drilling rig and equipment, on land.	no.			2,516.67	500.00 - 10,000.00			2,516.67	500.00 - 10,000.00
	Rotary Wash Boring in Soil									
9	Carry out boring whether cased or uncased from existing ground level not exceeding (n.e.) 10m.	m			58.54	22.00 - 180.00			58.54	22.00 - 180.00
10	Ditto - exceeding 10m b.n.e. 20m	m			59.21	24.00 - 180.00			59.21	24.00 - 180.00
11	Ditto - exceeding 20m b.n.e. 30m	m			59.87	26.00 - 180.00			59.87	26.00 - 180.00
12	Ditto - exceeding 30m b.n.e. 40m	m			62.21	29.00 - 200.00			62.21	29.00 - 200.00
13	Ditto - exceeding 40m to b.n.e. 50m	m			62.87	31.00 - 200.00			62.87	31.00 - 200.00
14	Ditto - exceeding 50m to b.n.e. 60m	m			64.87	33.00 - 220.00			64.87	33.00 - 220.00

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15	Rotary Wash Boring in Soil (cont'd) Carry out boring whether cased or uncased from existing ground level exceeding 60m b.n.e. 70m	m			66.87	35.20 - 220.00			66.87	35.20 - 220.00
16	Ditto - exceeding 70m b.n.e. 80m	m			68.87	35.20 - 220.00			68.87	35.20 - 220.00
17	Drilling in Rock Carry out diamond core drilling of 54.0mm diameter into any kind of rock including delivery of cores in standard boxes to the S.O. from existing ground level (n.e.) 10m.	m			140.96	80.00 - 300.00			140.96	80.00 - 300.00
18	Ditto - exceeding 10m b.n.e. 20m	m			140.96	80.00 - 300.00			140.96	80.00 - 300.00
19	Ditto - exceeding 20m b.n.e. 30m	m			140.96	80.00 - 300.00			140.96	80.00 - 300.00
20	Ditto - exceeding 30m b.n.e. 40m	m			145.89	80.00 - 300.00			145.89	80.00 - 300.00
21	Ditto - exceeding 40m	m			145.89	80.00 - 300.00			145.89	80.00 - 300.00
22	Insitu Testing : Standard Penetration Test <u>Carry out Standard Penetration Test including collection of disturbed samples.</u> Depth from ground level not exceeding (n.e.) 10m	no.			60.15	18.00 - 180.00			60.15	18.00 - 180.00
23	Ditto - exceeding 10m b.n.e. 20m	no.			60.81	20.00 - 180.00			60.81	20.00 - 180.00
24	Ditto - exceeding 20m b.n.e. 30m	no.			61.15	21.00 - 180.00			61.15	21.00 - 180.00

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	Insitu Testing : Standard Penetration Test (cont'd) <u>Carry out Standard Penetration Test including collection of disturbed samples.</u>									
25	Ditto - exceeding 30m b.n.e. 40m	no.			63.15	23.00 - 200.00			63.15	23.00 - 200.00
26	Ditto - exceeding 40m b.n.e. 50m	no.			63.81	25.00 - 200.00			63.81	25.00 - 200.00
27	Ditto - exceeding 50m b.n.e. 60m	no.			65.81	25.00 - 220.00			65.81	25.00 - 220.00
28	Ditto - exceeding 60m b.n.e. 70m	no.			66.81	25.00 - 220.00			66.81	25.00 - 220.00
29	Ditto - exceeding 70mb.n.e. 80m	no.			66.81	25.00 - 220.00			66.81	25.00 - 220.00
	<u>INSTRUMENTATION</u>									
30	Rod settlement gauges	no.			1,185.40	500.00 -			1,185.40	500.00 -
31	Surface settlement markers	no.			658.50	198.00 -			658.50	198.00 -
32	Inclinometer	no.			2,701.43	1,500.00 -			2,701.43	1,500.00 -