

**KERJA-KERJA MEMBAIKPULIH TEBING SUNGAI BALAK LEMBANGAN SUNGAI LANGAT BAGI
TEBATAN BANJIR DI TAMAN CHERAS UTAMA DAERAH HULU LANGAT**

BILL NO. 1 - GENERAL AND PRELIMINARIES

Bill of Quantities (Provisional)

No.	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT (RM)
1.0	GENERAL AND PRELIMINARIES				
1.1	<p><u>Performances Bond and Insurances</u></p> <p>Allow for all necessary insurance's to comply with the Conditions of Contract for the Construction of Works</p> <p>a) Contractor's All Risk Insurance/Public Liability b) Workmen's Compensation Insurance and/or SOCSO c) Allow for provision of Performance Bond</p>	L.s			
1.2	<p><u>Mobilisation and Demobilisation</u></p> <p>Allow for the mobilisation and demobilisation including all necessary plants, dredger, sand pump, equipments, appliances, materials, temporary and permanent works not include in the items given elsewhere in this Bills of Quantities that are necessary for the adequate completion of works within the term and condition of contract.</p>	L.s			
1.3	<p><u>Signboard</u></p> <p>Provide, erect, maintenance and remove upon completion of the project signboard as per contract drawing and specifications.</p>	L.s			
1.4	<p><u>Progress Photograph</u></p> <p>Allow monthly photograph showing progress of the works to be taken during the period of contract, 4 set of 15 photograph each to be submitted with the contract's monthly progress reports.</p>	L.s			
1.5	<p><u>Survey Works</u></p> <p>Allow for the survey of the site before commencement of the works to allow for setting out reserve boundaries, alignment and level pegs, structure, establishment of temporary bench marks (TBM), final joint survey plotting and preparation of drawing by approved Licensed Surveyor.</p>	L.s			
	C/F				

No.	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT (RM)
1.6	Allow for the preparation of As-Built plans by approved Licenced Surveyor including submitting of two (2) nos of soft copies, one set reproducible transparence prints and three sets complete bound of ordinary prints.	L.s			
1.7	<p><u>Site Clearing Works</u></p> <p>Provide all necessary equipment to carry out general site clearing within the site inclusive of rubbish, debris, plants etc and dumped in Contractor's own dump out of site</p>	L.s			
1.8	<p><u>Temporary Access Road</u></p> <p>Provide all necessary equipment to construct temporary access road to reach the construction site.</p>	L.s			
	C/F				

BILL NO 2. - RIVER BANK SLOPE REPAIR
CH000 - CH100

No.	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT (RM)
	(Works to be carried out by specialist Contractor)				
2.0	<u>RIVER BANK SLOPE REPAIR</u>				
2.1	<u>Soft Rock Installation at CH 000-CH100</u>				
	Provide all necessary equipment to carry out the excavation works along the proposed Soft Rock section inclusive of clearing of existing gabion and to form new slope formation as shown in the drawings.	L.s			
2.2	Supply and installation of PBE TS70 of Non-Woven Geotextile separator beneath the proposed Softrock and wrapped up all softrock at bottom level.	M2	1,500		
2.3	Supply and installation of PBE Softrock-Geobag (Slope Reinforcement System). Overall height of 3.5m Rate inclusive of all necessary work alignment, stitching, filling of bags with existing soil at site, machineries and all related works to install PBE Softrock- Geobag and making good as shown in drawing.	Nos	875		
2.4	Supply and installation "Cow Grass' with close turfing on slope surface and softrock surface as shown in drawing.	M2	1000		
	C/F				

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BIL NO. 3-RIVERBANK SLOPE REPAIR CH100-CH135

No.	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT (RM)
	B/F				
	(Works to be carried out by specialist Contractor)				
3.0	<u>RIVER BANK SLOPE REPAIR</u>				
3.1	<u>Soft Rock Installation at CH 100-CH 135 (Rocks Area)</u>				
	Provide all necessary equipment to carry out the excavation works along the proposed Soft Rock section inclusive of clearing of existing gabion and to form new slope formation as shown in the drawings.	L.s			
3.2	Supply and installation of PBE TS70 of Non-Woven Geotextile separator beneath the proposed Softrock and wrapped up all softrock at bottom level.	M2	250		
3.3	Supply and installation of PBE Softrock-Geobag (Slope Reinforcement System). Overall height of 3.5m Rate inclusive of all necessary work alignment, stitching, filling of bags with existing soil at site, machineries and all related works to install PBE Softrock- Geobag and making good as shown in drawing.	Nos	110		
3.4	Supply and installation "Cow Grass' with close turfing on slope surface and softrock surface as shown in drawing.	M2	245		
	C/F				

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BIL NO 4-RIVER BANK SLOPE REPAIR CH135-CH235

No.	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT (RM)
	B/F				
	(Works to be carried out by specialist Contractor)				
4.0	<u>RIVER BANK SLOPE REPAIR</u>				
4.1	<u>Soft Rock Installation at CH 135-CH 235 (Existing Temporary Sandbag)</u>				
	Provide all necessary equipment to carry out the excavation works along the proposed Soft Rock section inclusive to form new slope formation as shown in the drawings.	L.s			
4.2	Supply suitable imported material to backfilling and levelling and compacting slope	M3	2,400		
4.3	Supply and installation of PBE TS70 of Non-Woven Geotextile separator beneath the proposed Softrock and wrapped up all softrock at bottom level.	M2	1,500		
4.4	Supply and installation of PBE Softrock-Geobag (Slope Reinforcement System). Overall height of 3.5m Rate inclusive of all necessary work alignment, stitching, filling of bags with existing soil at site, machineries and all related works to install PBE Softrock- Geobag and making good as shown in drawing.	Nos	875		
4.5	Supply and installation "Cow Grass' with close turfing on slope surface and softrock surface as shown in drawing.	M2	2,200.00		
	PAGE TOTAL CARRIED TO BLL SUMMARY				

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BILL SUMMARY

No.	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT (RM)
	B/F				
1)	CARRIED FROM BILL B1:1/2				
2)	CARRIED FROM BILL B1:2/2				
3)	CARRIED FROM BILL B2:1/3				
4)	CARRIED FROM BILL B3:2/3				
5)	CARRIED FROM BILL B4:3/3				
	SUMMARY				