

BILL OF QUANTITY (BQ) AND SCOPE OF WORK

UNIT/TEAM : PPM TEAM

REF TITLE ; STP5/BROKEN PIPE

PROPOSED WORK FOR REPAIRING SEWER LINE BLOCKAGE DUE TO BROKEN PIPE AT STP5, HUMAN SCIENCE (HS) AT IIUM GOMBAK CAMPUS

ITEM	DESCRIPTION	UNIT	QTY	UNIT PRICE (MYR)	TOTAL PRICE (MYR)
1.0	<u>Preliminaries Works</u>	L/S			
A	Mobilization and demobilization of personnel, equipment, support facilities and materials required to complete the work				
B	Apply PTW(Permit To Work) complete with identification card copy by liaise with related authorities for reporting procedure before start the works.				
C	Site Preparation of equipment, material, labour, transportation, cleaning and related safety.				
D	Contractor should obtain the following guideline before and after works : i) Obtain valid pass for workers at DBSB office before starting the work and always display the pass during working hour. ii) Workers should comply with the safety regulations and guideline imposed by Safety and Health Department of DBSB. iii) Wearing suitable PPE equipment and uniform. iv) Contractor should estimate the quantity of workers to complete the above services within the required frequency and time frame by DBSB. v) The machineries should be stored in proper space during rest time and after working hour.				
E	Insurance coverage for Public Liability.				
F	Working days and hour for maintenance works: i) Days : Monday until Friday Time : 9.00AM - 5.30 PM				
G	Any requirement for work during Public Holiday and weekend should be informed to the supervisor or person incharge.				
H	Reporting Procedures i) Preparation of report for billing purposes should attached with picture affixed with timestamp.				
I	Contractor should responsible any damages done to the property of IIUM Gombak or property inside the IIUM Gombak and compensate the payment if any.				
TOTAL AMOUNT PRELIMINARIES (RM)					

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ITEM	DESCRIPTION	UNIT	QTY	UNIT PRICE (MYR)	TOTAL PRICE (MYR)
	Cont.				
2.0	<u>General</u>				
2.1	Mobilization and demobilization of plant, equipment and machineries if any costs have been incurred	Lot	1		
2.2	Liaise with related authorities for handling heavy traffic flows and heavy transportation admissions				
2.3	To divert existing sewerline flow to the nearest manhole using temporary pump complete with piping and control panel to avoid overflow from the existing sewerline and to avoid sewerage water passing through the site of work	Lot	1		
2.4	Liaise with related authorities for handling heavy traffic flows and heavy transportation admissions	Lot	1		
2.5	Provide related tools for rectifying underground cable or utility before starting the excavation work. Any affected utility is under the contractor's responsibility.	Lot	1		
3.0	<u>Construction Works</u>				
3.1	To provide manpower, equipment, tools and machineries for excavation works . Excavation working area not exceeding 8.0m (D) x 8.0m (L)	Lot	1		
3.2	Shoring and slope protection during excavation work to support structures to prevent a collapse in the retained soil overturns if required (due to poor land structure). The excavation area is not exceed 5.0m (D)	Lot	1		
3.3	To dismantle & remove broken Vitrified clay pipe (VCP), estimated length not exceed than 8.0m	Lot	1		
3.4	To supply and install 300m Vitrified clay pipe (VCP), complete with spigot socket pipe including type B bedding				
3.5	Backfilling the excavation area with suitable soil up the ground level included , 300mm thicknesscrusher run and 150mm thickness premix.	Lot	1		
3.6	Makegood broken drainage, fence, screen chamber(if any) and to replant effected tree during the construction works.				
3.0	<u>Testing and Commissioning</u>				
3.1	Testing and commissioning of the replacement pipe and the related sewer line area using CCTV camera inspection.	Lot	1		
3.2	Testing and commissioning backfilling on affected area with Authorities (Client)	Lot	1		
4.0	<u>Warranty</u>				
4.1	The minimum warranty period is six (6) months from the completion date. However the contractor can provide a longer warranty period. Please Specify.				
TOTAL AMOUNT PAGE 2 (RM)					

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ITEM	DESCRIPTIONS	UNIT PRICE (RM)
1	Total AMOUNT PRELIMINARIES	
2	Total AMOUNT PAGE 2	
3	Total AMOUNT PAGE 3	
TOTAL AMOUNT (RM)		

Remarks: The tendered price will be valid for 6 months after tender closing date.

WARRANTY PERIOD : _____ months

ESTIMATE DAYS FOR TOTAL INSTALLATION FINISH : _____ days

RINGGIT MALAYSIA:

I hereby certify that all descriptions are correct and all the offered price included the costs involved in refining

Signature of Tenderer :

Signature of Witness :

.....
Name:

.....
Name:

Designation:

Designation:

Date:

Date:

Company Stamp :

Company Stamp :