



## Section - 7 BILLS OF QUANTITIES

1. Include Preliminary Bill items as Bill No. 1

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- 2. VAT Component shall be filled in Bills of Quantities and it shall not be carried to Form of Bid.
- 3. Any discount offered will not be considered for Provisional Sum Items

## COLOMBO MUNICIPAL COUNCIL MUNICIPAL ENGINEERS' DEPARTMENT

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## <u>PROJECT NAME:</u> CONSTRUCTION OFSTORM WATER DRAIN AT, ST.JUDE LANE, FARM ROAD, MATTAKKULIYA, COLOMBO 15.

Bill No 01    1.0  Pretiminaries    1.1  Provisional sum for providing Performance    1.2  Provisional sum for providing an Advance    1.3  Provisional sum for providing an Advance    Provisional sum for providing an Advance  Provisional sum    1.3  Provisional sum for providing an Advance    Provisional sum for providing an Advance  Provisional sum    1.3  Provisional sum for providing an Advance	ITEN			QTY.	RATE	AMOUNT !
1.1    Previsional sum for providing Performance security    Provisional sum for providing an Advance Provisional sum for providing an Advance    Provisional sum Provisional sum Provisional sum for providing an Advance    Provisional sum Provisional sum for providing an Advance    Provisional sum Provisional sum for providing an Advance    Provisional sum for providing an Advance      1.2    Provisional sum for providing an Advance Provisional sum for insurance of the works. Machinery & equipment, Plant, Materials, third perty persons & property and for local sum for provisional sum for property and site as per contract.    1    1    20,000.00      1.4    Provisional sum for losurance of against accident and mistry personnel of property and successful the contractor spectro final spectral per th contract.    Provisional sum for constructing, maintening, demontting and processful of the works a temporary site office of adequate size including staff field resmand other for ities for the contractor 4 site management prefin accordance with the plans prepared by    1		B <u>ill No</u> 01		$\top$ —	†	ļ <u></u>
1.2    Provisional sum for providing an Advance    Provisional sum    80,000.00      1.2    Provisional sum for providing an Advance    Provisional sum    80,000.00      1.2    Provisional sum for providing an Advance    Provisional sum    80,000.00      1.3    Provisional sum for providing an Advance    Provisional sum    80,000.00      1.4    Provisional sum for insurance of the works. Machinery & equipment, Planc, Materials, chird perty persone & property all site as per usatract.    1    1      1.4    Provisional sum for losurance of against accident and operty to contractor's personnel as per th contract.    Provisional sum for losurance of against accident and operty to contractor's personnel as per th contract.    20,000.00      1.5    Allow lump sum for constructing, maintaining, dismutting and removal on completion of the works, a temporary site office of adequate size including staff red normand tollels and other for ities for the contractor's site management staff on accordance with the plans prepared by    1	1.0	Pretiminaries			I	
1.3    Frovisional sum for insurance of the works. Machinery & coupment, Plan;, Materials, third perty persons & property and Smoloyer's personnel & property all site as per contract.    9/ovisional sum    20,000.00      1.4    Provisional sum for losurance of against accident and injury to contractor siperso mellos per thick of the sum for losurance of the works, a beaper unit.    9/ovisional sum    20,000.00      1.4    Provisional sum for losurance of against accident and injury to contractor siperso mellos per thick on out.    9/ovisional sum    20,000.00      1.5    Allow lump sum for constructing, maintaking, dismanting and removal on completion of the works, a beaper staff red momand totlels and other their ities for the contractor is personnel to size including staff red momand totlels and other their ities for the contractor is personnel by the plans prepared by    1/or    1/or	1.1		ļ F	Provizional s	 	1a,000.00
1.4  Provisional sum for losurance of against accident and injury to contractor signs of the perith contract.  20,000.00    1.4  Provisional sum for losurance of against accident and injury to contractor signs of the perith contract.  Provisional sum    1.5  Allow lump sum for constructing, maintaining, dismontling and removal on completion of the works, a temporary site office of adequate size including staff re4 normand toilets and other facilities for the contractor is prepared by  Jern	1.2	Provisional sum for providing an Avivance Polyment security.	<sup>r</sup>	rowaichelis	Lm	60,000.00
acsident and mjory to contractor's personnel as  Provisional sum  20,000.00    acsident and mjory to contractor's personnel as  por th contract  20,000.00    indextor's Facilities  indextor's Facilities  indextor's facilities    1.5  Allow lump sum for constructing, maintaining, dismonting and removal on completion of the works, a temporary site office of adequate size including staff rest normand toilets and other for ities for the contractor's site management staff on accordance with the plans prepared by  indextor's personnel as	! <u></u> 2	works, Machinery & coulpment, Plan; Materials, third party persons & property and Smoloyer's personnel & property at site as per	,   	ovisional y	um	20,000.00
1.5    Allow lump sum for constructing, maintaining, them    them      dismantling and removal on completion of the	L.4	$i^{accident}$ and injury to contractor sipersormel $a_8$	Pi	 rovisionalist	 ו-ו	20,000.00
	1.5	Allow lump sum for constructing, maintaining, dismontling and removal on completion of the works, a temporary site office of adequate size including staff rest roomand totlets and other that ities for the contractor's site management staff on accordance with the plans prepared by	           			



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ITEM	DESCRIPTION	<u>UNIȚ</u>	QTY.	RATE	AMOU
1.6	Allow lume sum for constructing, maintaining.	item			
	distrantling and removal on completion of the			:	•
	(works, build n <sub>E</sub> to be used as workshops and		!		1
	stores for parishable motorials. Buildings shall				
	be costructed in accordance with the drawing			1	
	prepared by the Contractor and concurred by	İ			
	, the Engineer. The jump sum shall also include				
	for all ering, mobilying or dismapting and re-				
	erecting within the Ake all temporary				
	buildings/stuctures if required				
	ounder hjsvatu dores in regulied				
•	:			' '	
	· ·				
	<b>1</b>	:			
				i	
		:			
17	Allow lump sum for constructing, maintaining,	llian İ			
	dismentling and removal on completion of the				
	works, temporary building to in accordance with?				
	the plans prepared by the Contractor and		•	'	
	formulated by the Engineer to accommodate by			Ι.	
	the following:				
	a) Workers' rest room, conteen facilities.				
	kitchen	I		. I	
	b) Toilet & wash areas.				
	c) Sick/1731 Aid (our)				
	d Accomadation for Contractor's staff and				
	worknow including sanitary facilities on site of	Í		:	
	epplicable.			i	
	Facilities to working in shall conform to the latest				
	public realth and industrial regulation.			!	
	•			·	
1.8	Allow lump sum for providing Accornaciation	item		i l	
	including sanitary facilities and transport				
	Contractor's staff and workment off site.	İ			
		i		'	
	Allow lump sum for providing tolephone and	Item		ı	
	focsimile facilities, electricity and water services			l i	
	for the contractor's site office for their use in				
	connection with the works.				
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<u>ITEN</u>			QTY.	RATE	AMOUNT
1 10	recommende som for regintenance, (Chtal,	Item			
	consumption charges etc. for telephone and			ļ	
1	facsimile facilities, electricity and water service	s !			1
	for the contractor's site office for their use in	,		i	
	connection with the works.				
	i	i i		!	i
2.11	Allow lump sum for contractor's transport	Acm	ļ		
	lacilities at site.	!	1		
		,		1	
ļ	SCITING OUT		1		
112	Allow temp sum for exploying a firensed land	 		!	
	surveyor to define the building site work	Item			
1	stoy: hock levels and carry out such other				
	surveya as may be accessary to establish	'			
	accurately the placing of forms and pouring of	1			ļ
I	concrete and all object setting out in both				1
i	Verlicel and horizontal plane.		'		
		ı			
1			i		
1 1.2.5	Allow lump Aum for setting out of works in	item j		i	
	Accordance with drawing and programmer	i l			1
I	information given by the Engineer.	!	1		
1	I	·		İ	
	QUALITY, S <u>TAND</u> ARDS <u>&amp; PROGRESS</u>				i
ļ		!	1	I	
114	Allow Lump sum for provision of progress report	: Item		1	ļ
	Photographic record and other schedulos		I		I.
I	Including in the (CPAD publication Guide ine fur		1		
I.	Effective Construction Management.			1	
	(ICTAD/CM/01), relevant to contract				
I	administration as directed by the Engineer.				
		i			
1.15	AU		ļ		i
	Allow lump sum for all cost in connection with	Sem -	:		
	proparing samples for resting, making	i			
İ	arrangement for two ne of monorials, goody etc.				I .
	as slipulated in the specification, obtaining test				
'	reports and submitting the same to the	 		I	
	Ergineer.	İ			ļ
1.16	Allow fump sum for provision of shop drawings,	ll			i
!	bar schedales etc for any near's approval.	400m			
	the second second second second second second second second second second second second second second second se				
	i		i		I
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ITEM	DESCRIPTION		QTY.	RATE	AMOUN
1.17	Allow Limp sum for provision of 2 sets of (hard	llem		1	
	copies and soft copies) as-built drawings of of			י ן	
	services, for Engineer's approval.				I
				ļ	
	1				
	Health, Safety & Environment				I
1.18	Allow luttip your for following services	Item			ĺ
	throughout the period of costruction for				
	Engineer's office, contracor's site office and			1	
	workens rest more and utilier facilities;				
	WEIRELST DU HONWARD OTHER DE HORDE				l
	a) Employing Workmen to clean and maintain		1		
	all areas to be in good hygionic conditions				
	including totlets, wash areas, kitchen etc. rest			1	
	room, conteen racilities, kitchen				
	10010, cut tes - administrations		Ι.		
	b) Supplying adicipate drinking water, water for		i	!	i
	washing purchases, suppliedengent, etc.				
	[threal:tout the period of costruction.			1	
1.19	Above tump sum for providing all necessary	, Item	1	ļ	i
1.2.7	shifty measures to workness at site conforming				
	to the latest industrial safety regulation and as			i	
	directed by the Engineer.	ļ	I		ļ
1.32	Aflow (mp sum for making adequate provision	ltern		I	i
	against air and noise pollution of surrounding			i	
	areas. (toarding and dust screens shall be		1		
	provided to control sust escaping to		-		I
	surrounding areas.	İ	İ	I	1
. :.21	Allow camp sum for maintaining the site of a	tem.		i	
	clean and orderly manner at all times and				
	during the ent re contract period.	!	!		1
	TRUIT IN CALL & COLUMN PARAMA	:	i		1
1.22	Allow Lomp sum for demohl ization, removal of	Item		:	i
	jall (obhise & debriv and clearing up site on			i	
I	completion, leaving a lin good unier and				
	handing over.				
	terre di ana c		i		!
				I	i
	i			i	
1					

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	DESCRIPTION		<u></u>	RATE	
	Allow Lump sure for employing an adequate number of security personnel and security system on full time basis throughout the period of construction, and provide for ourcessary security lighting and a warning system.	dem			
1.24	Allow Loop sum for proveing and maintuining necessary feating, bonding, and gates for cologuarding the works, materials and plant as directed by the Engineer.	   Item   			
_>       	Adam lump som for protection of public and privet vervices at site. The contractor shall take due care to protect, water supply and chainege systems, telephone and overhead/buried electrical cooles etc. whose found on are identified and made available to the hidder of the time of bidding, unless earning ed for demolition, during the execution of the works, the contractor is to make good any cause within is control at his own expense or pay any cost and charges to connect on the rewith	'ten             	       		
2.76	Adow Lump sum for supply of water for two works and paying oil charges and other expenses in connection with the supply from water mains or any other alternative method of water supply, stirage and retriculation	Nem			
1.27	Alkow Jump sure for supprying forn parary electricity for the works metuding connection, distribution system for the works, internal orrangements and all payments to the autoprities for consumption.	11em     			
'	Allow tump sum for providing hoisting equipment and other plant for the use of the works on site(ory hire).	ltem			
1.29	Allow lump sum for providing small machinery and equipment for the use of the works at site.	liem			



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ITEM	DESCRIPTION	UNIT	QTY.	RATE	AMOUNT
1 30	Abow luch pound for creating and maintaining scattering and/or self climbing platforms. Such		 i		
	scaffolding etc. shall be removed on completion and all works disturbed shall be made good.	ĺ			
1.31	Allow Limp sum for stomp duty in accordance with the provailing regulations of the Government.	item .	i		
1.32	Allow ump sum for providing and matchaining a name board to the specifications and/or pirected by the Engineer.	lter			
1.33	Allow lume sum for excavation for triar pits/trial treates as specified or as directed by (5) engineer as for location services etc. and reinstating the ground and making good disturbed work to the satisfaction of the Engineer.	ltem	,		
	Total Preliminaries carried over to Summary	,		İ	

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## COLOMBO MUNICIPAL COUNCIL MUNICIPAL ENGINEERS' DEPARTMENT

		UNIT		RATE	AMOUNT(Rs.)
İ	Bill No 01		= 		
! <u>1.</u> 0	Preliminaries	<b>e</b> leen	Allow	Sum	
 	Note : All the items below, rate included for supplying of materials.				
2	Bill No 2.0				
2.1.1			i i		
<sup>2.1.∶.1</sup>	Semolishing of existing storm water divin	lteni	Allow	Sum	
2.1.2	TEMPORARY REINSTATEMENT	ĺ			
2 1.2.1 	Removing of concrete fleor and unclude totaporary reinstatement of road, itearing with all existing upday services.	m	374.00	   	
	Note: Permanent reinstatement should be done by CRMU of CMC and reinstatement cost has to be paid to CRMU separately by the contractor				!
2.1.3	PERMANENT REINSTATEMENT				
2.1.3.1	r Permanent reinstangment of damage Concreterpad	 ייי י	l ovisional sur	n	774,360.00
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		ĺ			
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TEM	DESCRIPTION	UNIT	<b>L</b> TT	RATE	AMOUNT(Rs.]
2.1.4	DRAIN WORK				
	Construction of 300mm sized internal dimension reinforce/ concrete rectangular open drain, with 50mm screed 1.3% (20mm) coment controls and 150mm thick base, and 150mm thick words Grade 25 concrete - Wall should have satisfactory smooth finished and practering not allywed. Rate shall included for excavation, removal of excessiogeth, preparation of sortable available motorial 150mm trick compacted layers and indecessing form work , reinforcement, and Grade 20, concrete for her thing of crain base . Down depth varies according to the LS. Shoring work included to the rate .Refer the drawing No.01				
2.1.4 7	Sovert depth in not exceeding to 1m Construction of 450mm sized internal dimension maforced concrete rectangular open drain with 50mm screed 1:3:6 (20mm) concret concrete and 150mm thick base, and 150mm thick walls Grade 25 concrete. Wal should have satisfactory smooth finished and plastering not allowed. Bate shalling udge for excavation, removal of excess earth, preparation of surface (backfilling and compaction with suitable available material 150mm thick compacted layers and increasary formwork (reinforcement, and Grade 20 concrete for banching of drain pase. Drain depth varies oppording to the 15. Shoring work Sincluded to the rate .Refer the drawing No.02	Lau	181 60		
21423	sovert depth inot exceeding (b.) m	Im	143.00		

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				RATE	
2 1.5	COVER SLAB		<u>+</u> − <u>+</u> − <u>+</u>		
2.3.5 1     	Casting Jouring & placing of 500x450x150num Gri25 concrete including 10mm Fonisteel n/1/6 125 c/n 86th ways including for necessary form work as pur urawing No - 01	Nos	493.00   <sup>493.00</sup>   		
2.3.5 2	Casting Jouring & placing of 750x450x150mm Gr 25 concrete including 10mm For steel 1/13/125 c/d Both ways foctuding for necessary form work os per prowing No - 02	Nos	319.00 		
2.2	TEMPORARY DIVERSION OF STROM WATER LINE				
	Storm water diversion outing the construction be, lod	I	vovisiona su	rı-	50,000.00
2.3	CONNECTION		I		
2.3 1	Item shall include consection of proposed scorm water orain for existing sulver!				
· · ·		Iteri I	Allow	Sum	
í	Protection of other services. (Rate shall omude for precautions to those service ines on overting them and repairs to muchares if this camaged due to estruction processes.)	י רי	rovisional sun	°	500,000,00
II		i ·			
<u>- 11</u> - 11 - 12 - 12 - 12	I' No 01 Preliminaries  SUR    I/ No 02	м <u>мак</u> ү 			

Bidder's Signature :

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