

بِسْمِ اللّٰهِ الرَّحْمٰنِ الرَّحِیْمِ



سندھ حکومت

سندھ لائبریری اور آرکائیوز ڈیپارٹمنٹ، سندھ

ایڈیشن نمبر: (IUL)326/PRIV/2022/19

11/8/2022

ممبرانہ، سندھ لائبریری اور آرکائیوز ڈیپارٹمنٹ
ع. سندھ

August 11, 2022

- 25.1. מִשְׁפָּטֵי הַשְּׂבִיעִי
מִשְׁפָּטֵי הַשְּׂבִיעִי
- 26.1. מִשְׁפָּטֵי הַשְּׂבִיעִי
מִשְׁפָּטֵי הַשְּׂבִיעִי
- 27.1. מִשְׁפָּטֵי הַשְּׂבִיעִי
מִשְׁפָּטֵי הַשְּׂבִיעִי
- 27.2. מִשְׁפָּטֵי הַשְּׂבִיעִי
מִשְׁפָּטֵי הַשְּׂבִיעִי
- 27.3. מִשְׁפָּטֵי הַשְּׂבִיעִי
מִשְׁפָּטֵי הַשְּׂבִיעִי

28. (א) מִשְׁפָּטֵי הַשְּׂבִיעִי

- 28.1. מִשְׁפָּטֵי הַשְּׂבִיעִי
מִשְׁפָּטֵי הַשְּׂבִיעִי
- 28.2. מִשְׁפָּטֵי הַשְּׂבִיעִי
מִשְׁפָּטֵי הַשְּׂבִיעִי
- 28.3. מִשְׁפָּטֵי הַשְּׂבִיעִי
מִשְׁפָּטֵי הַשְּׂבִיעִי
- 28.4. מִשְׁפָּטֵי הַשְּׂבִיעִי
מִשְׁפָּטֵי הַשְּׂבִיעִי
- 28.5. מִשְׁפָּטֵי הַשְּׂבִיעִי
מִשְׁפָּטֵי הַשְּׂבִיעִי
- 29.1. מִשְׁפָּטֵי הַשְּׂבִיעִי
מִשְׁפָּטֵי הַשְּׂבִיעִי
- 29.2. מִשְׁפָּטֵי הַשְּׂבִיעִי
מִשְׁפָּטֵי הַשְּׂבִיעִי

August 11, 2022

3 - قىسىم

ئۆزگەرتىش ۋە تۈزۈش ئۆزگەرتىش ئۆزگەرتىش

32.1. 32. "ئۆزگەرتىش ۋە تۈزۈش" نامىدا بىر قانچە مەبلەغ ئۆزگەرتىش ۋە تۈزۈش ئۆزگەرتىش ئۆزگەرتىش.

32.2. "ئۆزگەرتىش ۋە تۈزۈش" نامىدا بىر قانچە مەبلەغ ئۆزگەرتىش ۋە تۈزۈش ئۆزگەرتىش ئۆزگەرتىش.

32.3. "ئۆزگەرتىش" نامىدا بىر قانچە مەبلەغ ئۆزگەرتىش ۋە تۈزۈش ئۆزگەرتىش ئۆزگەرتىش.

32.4. "ئۆزگەرتىش ۋە تۈزۈش" نامىدا بىر قانچە مەبلەغ ئۆزگەرتىش ۋە تۈزۈش ئۆزگەرتىش ئۆزگەرتىش.

32.5. "ئۆزگەرتىش" نامىدا بىر قانچە مەبلەغ ئۆزگەرتىش ۋە تۈزۈش ئۆزگەرتىش ئۆزگەرتىش.

33.1. 33. "ئۆزگەرتىش ۋە تۈزۈش" نامىدا بىر قانچە مەبلەغ ئۆزگەرتىش ۋە تۈزۈش ئۆزگەرتىش ئۆزگەرتىش.

33.2. "ئۆزگەرتىش ۋە تۈزۈش" نامىدا بىر قانچە مەبلەغ ئۆزگەرتىش ۋە تۈزۈش ئۆزگەرتىش ئۆزگەرتىش.

33.3. "ئۆزگەرتىش ۋە تۈزۈش" نامىدا بىر قانچە مەبلەغ ئۆزگەرتىش ۋە تۈزۈش ئۆزگەرتىش ئۆزگەرتىش.

34.1. 34. "ئۆزگەرتىش ۋە تۈزۈش" نامىدا بىر قانچە مەبلەغ ئۆزگەرتىش ۋە تۈزۈش ئۆزگەرتىش ئۆزگەرتىش.

34.2. 35.1. "ئۆزگەرتىش ۋە تۈزۈش" نامىدا بىر قانچە مەبلەغ ئۆزگەرتىش ۋە تۈزۈش ئۆزگەرتىش ئۆزگەرتىش.

35.1. "ئۆزگەرتىش ۋە تۈزۈش" نامىدا بىر قانچە مەبلەغ ئۆزگەرتىش ۋە تۈزۈش ئۆزگەرتىش ئۆزگەرتىش.

35.2. "ئۆزگەرتىش ۋە تۈزۈش" نامىدا بىر قانچە مەبلەغ ئۆزگەرتىش ۋە تۈزۈش ئۆزگەرتىش ئۆزگەرتىش.

"ئۆزگەرتىش ۋە تۈزۈش" نامىدا بىر قانچە مەبلەغ ئۆزگەرتىش ۋە تۈزۈش ئۆزگەرتىش ئۆزگەرتىش.

August 11, 2022

36. 36.1 36.2 36.3 37.1 37.2 37.3 37.4 38.1 38.2 39.1

36.2

37. 37.1 37.2

37.1 37.2

37.2

- 36.1 36.2 36.3 37.1 37.2 37.3 37.4 38.1 38.2 39.1

August 11, 2022

2 - قىسىم

مۇستەھكەم ۋە ئىشلىرىنى تەكشۈرۈش

1. مۇستەھكەم ۋە ئىشلىرىنى تەكشۈرۈش	
1.1	سەھىپە
1.2	رەتتە تۇرۇش
2. مۇستەھكەم ۋە ئىشلىرىنى تەكشۈرۈش	
2.1	مۇستەھكەم ۋە ئىشلىرىنى تەكشۈرۈش
2.2	مۇستەھكەم ۋە ئىشلىرىنى تەكشۈرۈش
3. مۇستەھكەم ۋە ئىشلىرىنى تەكشۈرۈش	
3.1	مۇستەھكەم ۋە ئىشلىرىنى تەكشۈرۈش
3.2	مۇستەھكەم ۋە ئىشلىرىنى تەكشۈرۈش
3.3	مۇستەھكەم ۋە ئىشلىرىنى تەكشۈرۈش
4. مۇستەھكەم ۋە ئىشلىرىنى تەكشۈرۈش	
4.1	مۇستەھكەم ۋە ئىشلىرىنى تەكشۈرۈش
4.2	مۇستەھكەم ۋە ئىشلىرىنى تەكشۈرۈش
4.3	مۇستەھكەم ۋە ئىشلىرىنى تەكشۈرۈش
5. مۇستەھكەم ۋە ئىشلىرىنى تەكشۈرۈش	
سەھىپە	
سەھىپە	
مۇستەھكەم ۋە ئىشلىرىنى تەكشۈرۈش	
مۇستەھكەم ۋە ئىشلىرىنى تەكشۈرۈش	

August 11, 2022

بح قرقو - 4

کی سوس سوس سوس سوس دہشت گردی

سوس سوس سوس سوس سوس سوس دہشت گردی				
قرقو ددی سوس (قرقو) سوس سوس	سوس سوس سوس	سوس سوس سوس	#	
	بح قرقو			
سوس سوس سوس سوس سوس سوس دہشت گردی				
قرقو سوس سوس (قرقو) سوس سوس	قرقو سوس سوس	قرقو سوس سوس	سوس سوس سوس سوس سوس سوس	#
	بح قرقو			

August 11, 2022

5 - قرضے

قرضوں کی فہرست (2022) کے تحت دی گئی رقموں کی تفصیل

پورے ملک میں قرضوں کی تفصیل				
#	قرضوں کی شرح	قرضوں کی رقم	قرضوں کی مدت	قرضوں کی تاریخ
جمعاً				

August 11, 2022

ބޭނުންތަކާއި ގުޅޭގޮތުން - 7

ދިވެހިސަރުކާރުގެ ގެޒެޓް

Form of Bid Security (Bank Guarantee)

WHEREAS,[name of Bidder] (hereinafter called “the Bidder”) has submitted his Bid for the Project no.....issued by the Ministry of Finance and Treasury onfor construction of [name of Contract] (hereinafter called “the Bid”).

KNOW ALL PEOPLE by these presents that We [name of Bank] of [name of country] having our registered office at (hereinafter called “the Bank”) are bound unto[name of Purchaser] (hereinafter called “the Purchaser”) in the sum of *..... for which payment well and truly to be made to the said Purchaser, the Bank binds itself, its successors, and assigns by these presents.

SEALED with the Common Seal of the said Bank thisday of20.....

THE CONDITIONS of this obligation are:

- (1) If, after Bid opening, the Bidder withdraws his Bid during the period of Bid validity specified in the Form of Bid;
- or
- (2) If the Bidder having been notified of the acceptance of his Bid by the Purchaser during the period of Bid validity:
 - (a) fails or refuses to execute the Form of Agreement in accordance with the Instructions to Bidders, if required; or
 - (b) fails or refuses to furnish the Performance Security, in accordance with the Instruction to Bidders; or
 - (c) does not accept the correction of the Bid Price pursuant to Clause 27,

* The Bidder should insert the amount of the Guarantee in words and figures denominated in Maldivian Rufiyaa. This figure should be the same as shown in Clause 16.1 of the Instructions to Bidders.

we undertake to pay to the Purchaser up to the above amount upon receipt of his first written demand, without the Purchaser’s having to substantiate his demand, provided that in his demand the Purchaser will note that the amount claimed by him is due to him owing to the occurrence of one or any of the three conditions, specifying the occurred condition or conditions.

This Guarantee will remain in force up to and including the date days after the deadline for submission of bids as such deadline is stated in the Instructions to Bidders or as it may be extended by the Purchaser, notice of which extension(s) to the Bank is hereby waived. Any demand in respect of this Guarantee should reach the Bank not later than the above date.

DATE..... SIGNATURE OF THE BANK

WITNESS SEAL

[signature, name, and address]

August 11, 2022

8 - ބަންދުކުރެވުނު

ދިވެހިސަރުކާރުގެ ގެޒެޓް

Form of Performance Bank Guarantee (Unconditional)

To:
[name & address of Purchaser]

WHEREAS [name and address of Supplier] (hereinafter called “the Supplier”) has undertaken, in pursuance of Contract No. dated to execute [name of Contract and brief description of Works] (hereinafter called “the Contract”);

AND WHEREAS it has been stipulated by you in the said Contract that the Supplier shall furnish you with a Bank Guarantee by a recognized bank for the sum specified therein as security for compliance with his obligations in accordance with the Contract;

AND WHEREAS we have agreed to give the Supplier such a Bank Guarantee;

NOW THEREFORE we hereby affirm that we are the Guarantor and responsible to you, on behalf of the Supplier, up to a total of *..... [amount of Guarantee] [amount in words], such sum being payable in the types and proportions of currencies in which the Contract Price is payable, and we undertake to pay you, upon your first written demand and without cavil or argument, any sum or sums within the limits of [amount of Guarantee] as aforesaid without your needing to prove or to show grounds or reasons for your demand for the sum specified therein.

*An amount is to be inserted by the Guarantor, representing the percentage of the Contract Price specified in the Contract, in Maldivian Rufiyaa.

We hereby waive the necessity of your demanding the said debt from the Supplier before presenting us with the demand.

We further agree that no change or addition to or other modification of the terms of the Contract or of the Works to be performed there under or of any of the Contract documents which may be made between you and the Supplier shall in any way release us from any liability under this Guarantee, and we hereby waive notice of any such change, addition, or modification.

This Guarantee shall be valid until the date of issue of the Defects Correction Certificate.

SIGNATURE AND SEAL OF THE GUARANTOR

Name of Bank

Address

Date

August 11, 2022

9 - ބަންދު

ދިވެހިރާއްޖޭގެ ޖުމްހޫރިއްޔާއި ދިވެހިރާއްޖޭގެ ސަރުކާރުގެ ދާއިރާއިން

Form of Bank Guarantee for Advance Payment

To:
[name & address of Purchaser]
.....
.....

[name of Contract]

Gentlemen:

In accordance with the provisions of the Conditions of Contract, of the above-mentioned Contract,
.....[name and address of Supplier] (hereinafter called "the Supplier") shall deposit with
..... [name of Purchaser] a Bank Guarantee to guarantee his proper and faithful performance under the said Clause of the Contract in an amount of[amount of Guarantee]
.....[amount in words].

We, the
[Bank or Financial Institution], as instructed by the Supplier, agree unconditionally and irrevocably to guarantee as primary obligator and not as Surety merely, the payment to
[name of Purchaser] on his first demand without whatsoever right of objection on our part and without his first claim to the Supplier, in the amount not exceeding *.....
[amount of Guarantee]..... [amount in words].

We further agree that no change or addition to or other modification of the terms of the Contract or of Works to be performed there under or of any of the Contract documents which may be made between
.....[name of Purchaser] and the Supplier, shall in any way release us from any liability under this Guarantee, and we hereby waive notice of any such change, addition, or modification.

* An amount is to be inserted by the Bank or Financial Institution representing the amount of the Advance Payment, in Maldivian Rufiyaa.

This Guarantee shall remain valid and in full effect from the date of the advance payment under the Contract until
.....[name of Purchaser] receives full repayment of the same amount from the Supplier.

Yours truly,
SIGNATURE AND SEAL:
NAME & ADDRESS OF BANK/INSTITUTION

August 11, 2022

<p>تاریخ:</p> <p>محلہ:</p> <p>سرپرست:</p> <p>ڈپٹی:</p> <p>آئی ڈی #:</p>	<p>تاریخ:</p> <p>محلہ:</p> <p>سرپرست:</p> <p>ڈپٹی:</p> <p>آئی ڈی #:</p>
<p>ڈپٹی سرپرست اور دیگر عملے کے نام</p>	<p>ڈپٹی سرپرست اور دیگر عملے کے نام</p>
<p>تاریخ:</p>	<p>تاریخ:</p>
<p>سرپرست:</p>	<p>سرپرست:</p>
<p>ڈپٹی:</p>	<p>ڈپٹی:</p>
<p>آئی ڈی #:</p>	<p>آئی ڈی #:</p>
<p>ڈپٹی سرپرست اور دیگر عملے کے نام</p>	<p>ڈپٹی سرپرست اور دیگر عملے کے نام</p>
<p>تاریخ:</p>	<p>تاریخ:</p>
<p>سرپرست:</p>	<p>سرپرست:</p>
<p>ڈپٹی:</p>	<p>ڈپٹی:</p>
<p>آئی ڈی #:</p>	<p>آئی ڈی #:</p>
<p>ڈپٹی سرپرست اور دیگر عملے کے نام</p>	<p>ڈپٹی سرپرست اور دیگر عملے کے نام</p>
<p>تاریخ:</p>	<p>تاریخ:</p>
<p>سرپرست:</p>	<p>سرپرست:</p>
<p>ڈپٹی:</p>	<p>ڈپٹی:</p>
<p>آئی ڈی #:</p>	<p>آئی ڈی #:</p>

August 11, 2022

7 - مَبْدِئَاتُ

مَبْدِئَاتُ مَكَّةَ الْمُحَرَّمَةَ / مَكَّةَ الْمُحَرَّمَةَ / مَكَّةَ الْمُحَرَّمَةَ

No	Item	Unit	Quantity	Rate	Amount
1	Preliminaries				
1.1	Mobilization to site	LS	1		
1.2	Site management cost including set up of tempory services for contractor's services as maybe necessary	LS	1		
1.3	Setup sign boards on site as specified	LS	1		
1.4	Clean up site upon completion of works	LS	1		
1.5	Demobilization	LS	1		
2	Site Clearance				
2.1	site cleanup will be done by Council	-	-		
3	Earth works				
	<i>Filling, ground levelling and compaction of IWMC site.</i>				
3.1	Ground filling with sand, levelling and compaction work for IWMC site. Rate shall include for any required cut and fill, removal of debris waste on the site (site cleanup has been done already). Finished site ground level shall be at minimum +50mm existing road level. Demolition waste materials from site may be used for filling after appropriate gradation along with sand (any steel or other materials must be removed).	m ²	590.00		
	<i>Excavation work for foundations as follows</i>				
3.2	Footings F1	m ³	5.20		
3.3	Footings F2	m ³	1.43		
3.4	Footings F3	m ³	2.75		
3.5	Tie beams	m ³	30.96		
3.6	Flood light pole	m ³	0.24		
3.7	Leachate collection tank	m ³	8.06		
3.8	Setting up a 900mm dia ground water well in the location shown	LS	1		
3.9	Setting up septic tank in the location shown	LS	1		
3.10	Setting up rainwater drain pits in the locations shown	LS	1		
4	Concrete works				
4.1	75mm concrete floor slab according to the slope shown in drawing. Reinforcement for the slab shall be R6@150 BW single layer	m ³	18.60		

August 11, 2022

4.2	50mm concrete floor screed (on top of existing compost slab) according to the slope shown in drawing.	m ³	7.25		
4.3	F1 Footing cast according to drawing, including column stump. Reinforcement shall be as shown on drawing.	m ³	1.86		
4.4	F2 Footing cast according to drawing, including column stump. Reinforcement shall be as shown on drawing.	m ³	0.50		
4.5	F3 Footing cast according to drawing, including column stump. Reinforcement shall be as shown on drawing.	m ³	0.99		
4.6	TB Tie beam cast according to drawing. Reinforcement shall be as shown on drawing	m ³	10.32		
4.7	C1 (on F1) Columns for walls cast according to drawing. Reinforcement shall be as shown on drawing.	m ³	1.37		
4.8	C2 Concreting cover for GI pipes cast according to drawing.	m ³	0.09		
4.9	C1 (on F3) Columns for walls cast according to drawing. Reinforcement shall be as shown on drawing.	m ³	0.20		
4.10	C4 Concreting cover for GI pipes cast according to drawing.	m ³	1.10		
4.11	C5 Concreting cover for GI pipes cast according to drawing.	m ³	1.33		
4.12	C6 Columns for walls cast according to drawing. Reinforcement shall be as shown on drawing.	m ³	0.32		
4.13	WB Middle Beams of perimeter walls cast according to drawing. Reinforcement shall be as shown on drawing.	m ³	2.97		
4.14	RB Roof beams for walls cast according to drawing. Reinforcement shall be as shown on drawing.	m ³	1.60		
4.15	CB Roof beams for walls cast according to drawing. Reinforcement shall be as shown on drawing.	m ³	0.73		

August 11, 2022

4.16	L1, S1 Lintel and sill beams as required cast according to drawing. Reinforcement shall be as shown on drawing.	LS	1.00		
4.17	Leachate collection tanks as shown on drawing. Rate shall include all formwork, casting and placing of the tank including the overflow pipes and valves.	Nos	1		
4.18	Foundation for flood light pole	m ³	0.28		
4.19	All concrete works of entrance gates. Reinforcement shall be as shown on drawing.	LS	1.00		
5	Structural steel works				
	<i>Waste Management Building Block</i>				
5.1	GI column, C1 (on F1) Supply, fabrication and installation of GI columns as shown in drawings. Rate shall include all cuts, welds, cleats, anchor rebars and all other connections deemed necessary to make the column stable	Nos	17		
5.2	GI column, C2 (on F2) Supply, fabrication and installation of GI columns as shown in drawings. Rate shall include all cuts, welds, cleats, anchor rebars and all other connections deemed necessary to make the column stable	Nos	3		
5.3	GI column, C1 (on F3) Supply, fabrication and installation of GI columns as shown in drawings. Rate shall include all cuts, welds, cleats, anchor rebars and all other connections deemed necessary to make the column stable	Nos	9		
5.4	GI column, C6 (on existing slab) Supply, fabrication and installation of GI columns as shown in drawings. Rate shall include all cuts, welds, cleats, anchor bolts and all other connections deemed necessary to make the column stable	Nos	4		
5.5	GI truss, TR1 Supply, fabrication and installation of trusses as shown in drawings. Rate shall also include all cuts, welds and other connections deemed necessary to make the structure stable	Nos	48		
5.6	GI roof eave truss Supply, fabrication and installation of 25mm dia GI trusses as shown in drawings. Rate shall also include all cuts, welds and other connections deemed necessary to make the structure stable	Nos	17		
5.7	Provide 75mm G.I pipe as flood light fixing poles. Rate shall include installation charges as shown on drawing.	Nos	2		

August 11, 2022

6	Masonry works				
	<i>Masonry walls of 100mm thick masonry blocks</i>				
	<i>Hazardous waste storage room</i>				
6.1	Hollow block masonry walls	m ²	60.90		
	<i>Office/Locker Building Block</i>				
6.2	Hollow block masonry walls	m ²	140.46		
	<i>Walls with cladding on top</i>				
6.3	Hollow block masonry walls, 2.5m height from GL	m ²	290.11		
	<i>Separation walls</i>				
6.4	Hollow block masonry walls, 1.5m height from GL	m ²	4.50		
6.5	Hollow block masonry walls, 2.5m height from GL	m ²	26.94		
	<i>Boundary walls</i>				
6.6	Hollow block masonry walls, 2.5m height from GL	m ²	78.00		
7	Plastering works				
	<i>Plastering on masonry block walls, 25mm thickness plastering on each side of walls</i>				
	<i>Hazardous waste storage room</i>				
7.1	Hollow block masonry walls	m ²	121.80		
	<i>Office/Locker Building Block</i>				
7.2	Hollow block masonry walls	m ²	280.91		
	<i>Walls with cladding on top</i>				
7.3	Hollow block masonry walls, 2.5m height from GL	m ²	580.22		
	<i>Separation walls</i>				
7.4	Hollow block masonry walls, 1.5m height from GL	m ²	9.00		
7.5	Hollow block masonry walls, 2.5m height from GL	m ²	53.87		
	<i>Boundary walls</i>				
7.6	Hollow block masonry walls, 2.5m height from GL	m ²	156.00		
8	Painting works				
	GENERAL				
	<i>Emulsion paint coating: one primer coat and two top coat.</i>				
	<i>Wall paint color: Nippon paint offwhite 5039 or equivalent</i>				
	<i>Hazardous waste storage room</i>				
8.1	Hollow block masonry walls	m ²	121.80		
	<i>Office/Locker Building Block</i>				
8.2	Hollow block masonry walls	m ²	280.91		
	<i>Walls with cladding on top</i>				
8.3	Hollow block masonry walls, 2.5m height from GL	m ²	580.22		
	<i>Separation walls</i>				
8.4	Hollow block masonry walls, 1.5m height from GL	m ²	9.00		
8.5	Hollow block masonry walls, 2.5m height from GL	m ²	53.87		
	<i>Boundary walls</i>				
8.6	Hollow block masonry walls, 2.5m height from GL	m ²	156.00		
	<i>Steel members</i>				

August 11, 2022

8.7	Apply emulsion paint coating on all exposed surfaces of G.I pipes columns and truss members. Rate shall include redoxide primer on all welded joints, 1 primer and 2 top coats.	LS	1		
8.8	Apply paint coating on flood light pole	no	2		
	<i>Other</i>				
8.9	Apply emulsion paint coating on the removable timber covers of the leachate collection tanks	no	2		
9	Wall cladding works				
9.1	C-purlins - 50 x 150 x 2.2mm thick. As girts to fix wall cladding as shown on drawing. Rate shall include all cuts, welds, cleats, and all other connections deemed necessary	LS	1		
9.2	Lysaght roofing sheet (maroon color) sheets as wall cladding over areas shown on drawing. Rates shall include all laps, flashing, connections and provision of intermediate supports to firmly fix the elements to the main structure.	LS	1		
10	Roofing works				
	<i>Waste Management Block</i>				
10.1	Lysaght roofing sheet (maroon color) Rate shall include all necessary laps, fastening, fixtures and sealing of joints	m ²	537.00		
10.2	Roof flashing. Rate shall include fastening and sealing of joints	m	100.60		
10.3	C-purlins - 50 x 150 x 2.2mm thick. Rate shall include for all fixing, lapping and joints.	m	756.00		
10.4	Provide a 5" lysaght roof gutter with 3" PVC down pipes as shown in drawings. Rates shall include all materials and fastenings.	LS	1		
	<i>Vehicle Loading/Unloading Bay</i>				
10.5	Lysaght roofing sheet (maroon color) Rate shall include all necessary laps, fastening, fixtures and sealing of joints	m ²	80.47		
10.6	Roof flashing. Rate shall include fastening and sealing of joints	m	7.55		
10.7	C-purlins - 50 x 150 x 2.2mm thick. Rate shall include for all fixing, lapping and joints.	m	107.20		
10.8	Provide a 5" lysaght roof gutter with 3" PVC down pipes as shown in drawings. Rates shall include all materials and fastenings.	LS	1		
	<i>Office/Locker Building Block</i>				
10.9	Lysaght roofing sheet (maroon color) Rate shall include all necessary laps, fastening, fixtures and sealing of joints	m ²	69.00		
10.10	Roof flashing. Rate shall include fastening and sealing of joints	m	5.75		

August 11, 2022

10.11	Timber rafters - 100 x 50mm. Rate shall include for all fixing and joints	m	76.67		
10.12	Timber battens - 50 x 38mm. Rate shall include for all fixing and joints.	m	115.00		
10.13	Provide a 5" lysaght roof gutter with 3" PVC down pipes as shown in drawings. Rates shall include all materials and fastenings.	LS	1		
	<i>Hazardous Waste Storage Block</i>				
10.14	Lysaght roofing sheet (maroon color) Rate shall include all necessary laps, fastening, fixtures and sealing of joints	m ²	24.00		
10.15	Roof flashing. Rate shall include fastening and sealing of joints	m	14.00		
10.16	Timber rafters - 100 x 50mm. Rate shall include for all fixing and joints	m	26.10		
10.17	Timber battens - 50 x 38mm. Rate shall include for all fixing and joints.	m	39.15		
10.18	Provide a 5" lysaght roof gutter with 3" PVC down pipes as shown in drawings. Rates shall include all materials and fastenings.	LS	1		
11	Electrical works				
	GENERAL				
	<i>(a) Design, provide and install electrical network for the entire building complete in accordance to standards set by the local governing body.</i>				
	<i>(c) The cost shall include for: screws, nails, bolts, nuts, standard cable fixing or supporting clips, brackets, straps, rivets, plugs and all incidental accessories.</i>				
	<i>(d) The cost shall also include for trenching including: excavation, maintaining faces of excavations, backfilling, compaction, appropriate cable covers, warning tape and disposal of surplus soil.</i>				
	<i>(e) Rates shall include switches, electrical isolators, conduits, fittings, equipment and similar items shall include for: all fixings to various building surfaces.</i>				
	<i>(h) Contractor shall provide all cabling, wiring, conduits, etc. required for completing all electrical installations.</i>				
	<i>(g) All sockets & switches shall be ABB or clipsal or equivalent</i>				
	<i>Supply and installation:</i>				
11.1	3-phase 15A power sockets. Rate shall include connection to circuit breaker using 6sqmm power supply cable and all necessary accessories	no	6		
11.2	13A double sockets. Rate shall include connection to circuit breaker using 6sqmm power supply cable and all necessary accessories	no	10		
11.3	20W LED light Rate shall include switches near respective entrance doors and connection to circuit breaker	no	3		

August 11, 2022

11.4	20W ceiling mount LED light Rate shall include switches near respective entrance doors and connection to circuit breaker	no	9		
11.5	20W wall mount exterior LED light Rate shall include switches near respective entrance doors. Rate shall include connection to circuit breaker	no	4		
11.6	10W wall mount LED emergency light Rate shall include required sockets and connection to circuit breaker	no	2		
11.7	25W swivel type LED flood light forwaste management block (interior) Rate shall include connecting each light to a switch near circuit breaker and providing power to the switch	no	4		
11.8	200W LED flood light for illuminating the waste yard. Rate shall include connecting each light to a switch near circuit breaker and providing power to the switch	no	4		
11.9	Ceiling fans Rate shall include fan controller near the respective entrance doors, connection to circuit breaker and all necessary accessories	no	2		
11.1	12,000BTU AC (Inverter) (Hitachi or equivalent) Rate shall include required socket, connection to circuit breaker and all necessary accessories	no	1		
11.11	Exhaust fans Rate shall include provision of switch near the respective entrance, connection to circuit breaker and all necessary accessories	no	2		
11.12	Well water pump, Hitachi or equivalent Rate shall include power socket and its fixing at location shown in drawing.	no	1		
11.13	Electric meter, 4 pole MCCB, Single Phase distribution boards and 3 Phase distribution board as shown on drawing. Earth link and connection to earth rod with proper earth pit should be provided as well	LS	1		
11.14	Relocation of existing 25 sqmm 4 core power supply cable from current location to the office area as shown in drawing. Rate shall include any additional cable length required.	LS	1		
12	Plumbing works				
	<i>Water piping works</i>				

August 11, 2022

12.1	Complete construction of fresh water pipe work including all pipe work, vent pipe work, fittings, valves, etc including outlet pipes to PVC taps, plumbing to toilet and wash area as shown in drawings.	LS	1		
	<i>Sewer network connection and piping works</i>				
12.2	Provide sewer / drain piping connection for toilet and leachate well. Rate shall include connection piping of flush toilet, drains and leachate well to the catch pit, provision of appropriate drain, bends, fittings and others as deemed necessary.	LS	1		
	<i>Fittings</i>				
12.3	Wash Closet (one piece) (Cotto C1111 Victor or Equivalent)	no	1		
12.4	Wash basin complete with pedestal and gully trap.	no	2		
12.5	Muslim shower complete with valve, shower head and hose.	no	1		
12.6	PVC tap for wash area	no	1		
12.7	Floor drains	no	4		
12.8	PVC taps at ends of outlet pipes.	no	4		
12.9	Supply 25mm diameter flexible hose	m	25		
13	Doors and windows				
	GENERAL				
	<i>All doors should be lockable.</i>				
	Fabrication and installation of doors:				
13.1	SLIDING DOOR. Supply and installation of sliding door for hazardous waste room and store as per drawings and specifications. Rate shall include all cuts, welds, applying protective coating to welded joints, painting the door and proper fixing of the door. Rate shall include fabrication and fixing of guide rails and wheels as well.	no	2		
13.2	SLIDING GATE. Supply and installation of steel sliding gate as per drawings and specifications. Rate shall include all cuts, welds, applying protective coating to welded joints, painting the door and properly fixing the door to the boundary wall columns.	no	2		
13.3	D2. Supply and installation of aluminium door as per drawings and specifications. Rate shall include all cuts, sealants, screws etc necessary for proper fixing of the door.	no	4		

August 11, 2022

13.4	D3. Supply and installation of aluminium door as per drawings and specifications. Rate shall include all cuts, sealants,screws etc necessary for proper fixing of the door.	no	1		
13.5	W1. Supply and installation of aluminium louver window as per drawings and specifications. Rate shall include all cuts, sealants,screws etc necessary for proper fixing of the door.	no	2		
13.6	W2. Supply and installation of aluminium sliding window as per drawings and specifications. Rate shall include all cuts, sealants,screws etc necessary for proper fixing of the door.	no	2		
13.7	W3. Supply and installation of aluminium louver window as per drawings and specifications. Rate shall include all cuts, sealants,screws etc necessary for proper fixing of the door.	no	1		
14	Fire fighting				
	<i>Supply and installation of fire fighting equipment</i>				
14.1	50KG DCP Trolley for collection bay	no	2.00		
14.2	50LTR Foam Trolley for collection bay	no	1.00		
14.3	Wet Chemical 6Ltr with Cabinet for hazardous waste area	no	1.00		
14.4	Water 9Ltr with Cabinet for Office Area - Outside	no	1.00		
14.5	CO2 2KG with Cabinet for Office Area - Outside	no	1.00		
15	Tiling works				
15.1	Supply and laying 300x300mm ceramic tiles (white color) for office.	m ²	16.66		
15.2	Supply and laying of 300x300mm ceramic tiles (white color) for toilet floor and ceiling height of walls.	m ²	17.98		
16	Miscellaneous Works				
	Damp proof membrane				
16.1	Provide 500 gauge HDPE damp proof membrane below floor slabs	m ²	248.00		
	Leachate tank covers				
16.2	Provide timber removable covers for the leachate collection tank of size 750x750mm. Rates shall include all materials, fastenings and handles.	no	3.00		
	Septic tank				

August 11, 2022

16.3	Provide septic tank for flush toilet as shown in drawing. Rate shall include the connection of flush toilet to the septic tank, provision of appropriate drain, bends, fittings and others as maybe necessary.	LS	1.00		
	Rainwater drain pits				
16.4	Provide rainwater drain pits as shown in drawing. Rate shall include the connection of downpipes to the drain pits, providing gravel, bends, fittings and others as maybe necessary.	no	5.00		
	Ceiling works				
16.5	Provide suspended ceiling using 6mm gypsum board inside office, locker room and toilet. Rate shall include all ceiling support work, applying putty and painting the surface with primer and two coats of finishing paint. (Nippon paint offwhite 5039 or equivalent)	m ²	32.67		
	Sign boards				
16.6	Fabricate and install 900 x 600 IWMC name board on 5mm plastic sheet as per design specifications provided by client. All letters, logos and symbols used on the board should be acrylic painted.	no	1.00		
16.7	Fabricate and install 900 x 300 fire safety sign boards on 5mm plastic sheet as per design specifications provided by client. All letters, logos and symbols used on the board should be acrylic painted.	no	5.00		
16.8	Fabricate and install 900 x 600 collection bay sign boards on 5mm plastic sheet as per design specifications provided by client. All letters, logos and symbols used on the board should be acrylic painted.	no	13.00		
				TOTAL	

دستور نامہ کی آئی:

August 11, 2022

EXTENSION OF WASTE COLLECTION CENTRE – Lh. HINNAVARU
Bill of Quantities
SUMMARY SHEET

Bill No	Item	Amount
1	Preliminaries	
2	Site Clearance	-
3	Earth works	
4	Concrete works	
5	Structural steel works	
6	Masonry works	
7	Plastering works	
8	Painting works	
9	Wall cladding works	
10	Roofing works	
11	Electrical works	
12	Plumbing works	
13	Doors and windows	
14	Fire fighting	
15	Tiling works	
16	Miscellaneous Works	
	Sub Total	
	Contingency 10%	
	Total	
	GST 6%	
	GRAND TOTAL	

August 11, 2022

دەرىجىسى ئۆزگەرتىش ھۆججەت

سېرىق نومۇرى	تۈر نومۇرى	رەتتە																	دەرىجىسى ئۆزگەرتىش (تۈرۈم)	دەرىجىسى ئۆزگەرتىش	
		18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2			1
																					سەھىپە سۆز ئالماشتۇرۇش
																					مۇئاۋىن رەئىس
																					تەشۋىش دەرىجىسى ئۆزگەرتىش
																					تەشۋىش دەرىجىسى ئۆزگەرتىش
																					تەشۋىش دەرىجىسى ئۆزگەرتىش
																					سۆز ئالماشتۇرۇش تەشۋىش دەرىجىسى ئۆزگەرتىش
																					تەشۋىش تەشۋىش دەرىجىسى ئۆزگەرتىش
																					تەشۋىش دەرىجىسى ئۆزگەرتىش
																					تەشۋىش دەرىجىسى ئۆزگەرتىش
																					تەشۋىش دەرىجىسى ئۆزگەرتىش
																					تەشۋىش دەرىجىسى ئۆزگەرتىش
																					تەشۋىش دەرىجىسى ئۆزگەرتىش
مەنبە: ھۆججەت 1-نومۇرى، رەئىس ھۆججەت 1-نومۇرى، دەرىجىسى ئۆزگەرتىش ھۆججەت 1-نومۇرى.																					

August 11, 2022

سایجی دوتوونو:



Working Site

The site should be kept clean during the construction work period and should be thoroughly cleaned once the works are completed. Works should be carried out on site in a safe manner to all the workers on site and the people living in the vicinity of site. Disturbance to the neighborhood should be kept to a minimum. Electricity and water supply to the site, during construction period, should be provided by the contractor.

Concrete

Cement conforming to BS12 standards should be used for all concrete, masonry and plastering works. The cement intended for use should be fresh and should not have any traces of hardened cement in the bag.

1. All concrete works should be done using one brand of cement.
2. Sand and aggregate used for concrete works should be well graded.
3. Concrete should be mixed in the ratio 1:2:3 which are 1-part cement, 2 parts sand and 3 parts aggregate.
4. All foundations should be cast on a lean concrete layer. The lean concrete should be placed on well compacted ground.
5. Concrete should be mixed using a concrete mixer- Concrete should not be mixed by hand- When pouring concrete into the formwork, the mix should be compacted using a mechanical vibrator.
6. Aggregate used for concrete works should not be larger than 20mm.
7. Sand and aggregate used for concrete works should be clear from dust, mud and other debris.
8. All reinforcement bars used for the concrete works should be free from rust and grease that could weaken the bonding between the reinforcement bar and the concrete. Care should be taken to use continuous bars rather than short segments joined by laps.

Masonry Works

1. All masonry work should be done using Cement confirming to BS12 standards.
2. Masonry blocks should be made from imported sand or local white sand sourced from a permitted sand borrow area. The sand should be free from organic matter and other debris.
3. Masonry blocks should be made from mortar mixed at 1:5 ratio with 1-part cement to 5-part sand.
4. Average size of sand particles should not exceed 5mm.

Plastering Works

1. All plastering work should be done using Cement confirming to BS12 standards.
2. Plaster mix should be made from imported or local sand white sand sourced from a permitted borrow area. The sand should be free from organic matter and other debris.
3. Plaster mix should be made by mixing Cement and Sand at a ratio of 1:3 with 1-part Cement to 3-part sand.
4. Average size of sand particles should not exceed 5mm.

August 11, 2022

Structural Steel work

1. All steel pipes obtained for the work should be new pipes and free from rust.
2. Thickness of pipes should not be less than 2-5mm.

Electrical works

All materials used for electrical wiring should comply with MEA standards.

Roofing works

1. All materials used for roofing work should be newly purchased for the project.
2. All screws or bolts used for roof fixing should be G-I or Zinc finish screws.

