## BAHAGIAN BANGUNAN DAN PEMELIHARAAN KEMENTERIAN HAL EHWAL UGAMA NEGARA BRUNEI DARUSSALAM

#### TAWARAN SEBUT HARGA

BIL. SEBUT HARGA: KHEU / BDP / 164 / 008 / 2024

TERM CONTRACT FOR MAINTENANCE AND EMERGENCY WORKS TO RELIGIOUS SCHOOL BUILDINGS INCLUDING COMPOUND AREA UNDER JABATAN PENGAJIAN ISLAM WITHIN ZONE 7 (KUALA BELAIT), MINISTRY OF RELIGIOUS AFFAIRS, NEGARA BRUNEI DARUSSALAM.

Syc	rat-s	yarat untuk mengikuti tawaran kerja sebut harga adalah seperti berikut ;
1.		varan hanyalah dipelawa kepada syarikat / pemborong yang berdaftar dengan Kementerian Pembangunan as II dan Kategori B01 SAHAJA di Negara Brunei Darussalam.
2.	lan Bar	varan-tawaran mestilah dibuat di atas borang-borang tawaran yang tercetak oleh Kementerian ini dan penerangan jut bagi mengikuti sebut harga bolehlah datang terus ke <b>Unit Penyelaras dan Pemantauan Projek, Bahagian</b> ngunan Dan Pemeliharaan, Bangunan Pasar Basah, Jalan Residency, B\$8111, Kementerian Hal Ehwal Ugama, Negara nei Darussalam.
3.		gi Syarikat / Pemborong yang berminat untuk mengikuti tawaran sebut harga hendaklah mengikut proses-proses mbelian tawaran sebut harga seperti berikut:
	i.	Syarikat / pemborong hendaklah menyertakan salinan Sijil Pendaftaran 16 dan 17 yang dikeluarkan oleh Bahagian Pendaftaran Syarikat-Syarikat, Jabatan Peguam Negara, Negara Brunei Darussalam dan juga menyertakan salinan Sijil Pendaftaran Kontraktor Dan Pembekal, Kementerian Pembangunan, Negara Brunei Darussalam yang masih sah
	H.	Syarikat / pemborong hendaklah membuat pembayaran <u>BS5.00</u> di Bahagian Kewangan, Tingkat 1, Kementerian

iii. Setelah membuat pembayaran dan mendapatkan Resit Pembayaran bagi pembelian tawaran sebut harga, syarikat / pemborong hendaklah memuat turun (download) dokumen tawaran sebut harga di laman sesawang Kementerian Hal Ehwal Ugama: <a href="https://www.mora.gov.bn/SitePages/Senaral%20Sebutharga.aspx.">https://www.mora.gov.bn/SitePages/Senaral%20Sebutharga.aspx.</a>

Hal Ehwal Ugama atau melalui BIBD Online Payment bagi pembelian tawaran sebut harga.

- 4. Borang-borang tawaran sebut harga hendaklah diisi dengan lengkap dan memasukkannya ke dalam sampul surat yang bertutup rapi ('Sealed Envelope') dengan menyertakan Salinan Resit Pembayaran, Sijil Pendaftaran 16 dan 17 dan Sijil Pendaftaran Kontraktor Dan Pembekal, Kementerian Pembangunan serta menulis Bilangan Tawaran, Nama Tawaran dan Tarikh Tutup tanpa membubuh sebarang pengenalan atau identiti syarikat atau pemborong.
- 5. Semua tawaran hendaklah dimasukkan ke dalam

TARIKH TUTUP TAWARAN: 03 April 2024 Jam 12.00 PM

Peti Kotak Sebut harga Tingkat 1 Bahagian Kewangan, Bangunan Ibu Pejabat Jalan Menteri Besar Kementerian Hal Ehwal Ugama Negara Brunei Darussalam

- Tawaran yang diterima lewat dari tarikh dan masa yang telah ditetapkan atau tawaran yang tidak lengkap, tidak akan dilayan atau diterima dan ianya tidak sah.
- 7. Kerajaan Kebawah Duli Yang Maha Mulia Paduka Seri Baginda Sultan Dan Yang Dipertuan Negara Brunei Darussalam melalui Kementerian Hal Ehwal Ugama, Negara Brunei Darussalam, tidak akan terikat untuk memilih sebarang tawaran yang lebih murah atau yang difikirkan tidak munasabah.

( Ar. HAJI AWANG AZMI BIN HAJI AWANG TAHIR ) Ketua Bahagian Bangurian dan Pemeliharaan Kementerian Hal Ehwal Ugama Negara Brunei Darussalam



## MINISTRY OF RELIGIOUS AFFAIRS JALAN MENTERI BESAR, BERAKAS BB33910 **NEGARA BRUNEI DARUSSALAM**

QUOTATION NO.: KHEU / BDP / 164 / 008 / 2024

PROJECT

: TERM CONTRACT FOR MAINTENANCE AND EMERGENCY WORKS TO RELIGIOUS SCHOOL BUILDINGS INCLUDING COMPOUND AREA UNDER JABATAN PENGAJIAN ISLAM WITHIN ZONE 7 (KUALA BELAIT), MINISTRY OF RELIGIOUS AFFAIRS, NEGARA BRUNEI DARUSSALAM.

CLASS

: 11

CATEGORY

: B01

CLOSING DATE

: WEDNESDAY 03 APRIL 2024 NOT LATER THAN 12.00 PM

SUBMISSION

: PETI KOTAK SEBUT HARGA

**TINGKAT 1 BAHAGIAN KEWANGAN** 

BANGUNAN IBU PEJABAT **JALAN MENTERI BESAR KEMENTERIAN HAL EHWAL NEGARA BRUNEI DARUSSALAM** 



# TERM CONTRACT FOR MAINTENANCE AND EMERGENCY WORKS TO RELIGIOUS SCHOOL BUILDINGS INCLUDING COMPOUND AREA UNDER JABATAN PENGAJIAN ISLAM WITHIN ZONE 7 (KUALA BELAIT), MINISTRY OF RELIGIOUS AFFAIRS, NEGARA BRUNEI DARUSSALAM.

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<sup>• -</sup> Buang jika tidak perlu

### TERMS AND CONDITIONS OF TENDERING ( FOR QUOTATION WORKS )

Before tendering, the tenderer shall visit the site where the Works are to be carried out and shall also carefully examine the
relevant Terms and Conditions of Contract, Drawings, Specification and all other accompanying schedules, etc.

If there is any ambiguity in or discrepancy between any of the documents, he / she should refer the matter to the Contract Administrator (C.A.), Building and Maintenance Section, Ministry of Religious Affairs. The C.A's decision shall be final and binding upon the Contract.

On tendering, the tenderer shall be deemed to have examined the documents referred to above and shall be bound by the terms and conditions therein.

- Every tenderer must submit together all documents listed below and this requirement shall be strictly adhered to prior to any consideration:-
  - (a) Copy of Reciept payment for the Quotation document from the Finance Section, Ministry of Religious Affairs.
  - (b) Valid Tenderer's Registration Certificate from the Ministry Of Development.
  - (c) Business Enactment Act Section 16 & 17.
  - (d) The Tender Form <u>MUST</u> be signed by the Owner, or the Director of Shareholder(s) of the Company stating their post and stamped with the Company's Official seal as detailed in the Business Enactment Act Section 16 & 17 / or the tenderer's Registration Certificate from the Ministry of Development.
  - (e) The address indicated must be detailed as in the Business Enactment Act Section 16 & 17 / and/or Tenderer's Registration Certificate from the Ministry Of Development. Any changes to the above must be officially referred to the Registrar of Companies and Business Names and a copy must be submitted to this department.

Tender documents must be duly completed, signed and dated written in **blue ink <u>ONLY</u>**. Any tender which is incomplete or unsigned will render the tender to be rejected.

- Tenders and documents in connection therewith as specified above, must be delivered to the place at or before the time specified.
  - (b) In the case of the tender not being delivered by hand, the tenderer must arrange for his / her tender and other documents to be posted in time to reach the stipulated place by not later than the time stated.
  - (c) In no case will the Government be responsible for any expense or loss incurred by a tenderer in the preparation of this tender.

Tenders shall remain valid for **3 MONTHS** from the final date for submission of the tenders and no tenderer may withdraw his/her tender within that period. The Government reserves the right to extend this period if deemed neccessary provided that such extension of the tender validity period shall have the written consent of the tenderers.

- 4. The Government does not bind itself to accept the lowest and/or any tender and no reason will be given for rejecting any tender thereof.
- Every correspondence to be given to a tenderer may be posted to the tenderer's address in the tender and such posting shall be deemed good and legally binding in service of such correspondence.
- The tender shall be made on the basis of the rates in the tender documents being firm and not subject to any adjustment with variations in quantities.
- 7. The tender fee shall be **B\$ 5.00**. Payment shall be made at Finance Section, 1st Floor, Ministry of Religious or BIBD Online Payment.
- No unauthorised alteration or use of 'correction pen' in the tender documents is allowed, or the tender may be rejected. Any errors are to be struck off and initialled.
- 9. Non-compliance with the above terms and conditions in any respect may render the tender liable to be rejected.
- 10. The tender must be done in the <u>OFFICIAL PRINTED</u> tender forms which is available from the <u>Ministry of Religious Affairs official</u> website: <a href="https://www.mora.gov.bn/SitePages/Senarai%20Sebutharga.aspx">https://www.mora.gov.bn/SitePages/Senarai%20Sebutharga.aspx</a>

The completed tender documents are to be lodged on or before 12.00 PM on 03 April 2024 in a sealed enveloped addressed to:-

TENDER / QUOTATION (QTN) BOX

PETI KOTAK SEBUT HARGA TINGKAT 1 BAHAGIAN KEWANGAN BANGUNAN IBU PEJABAT JALAN MENTERI BESAR KEMENTERIAN HAL EHWAL NEGARA BRUNEI DARUSSALAM

**Project Title** 

The top part of the sealed envelope must be written stating the following:-

Quotation No. : KHEU / BDP / 164 / 008 / 2024 Quotation Closing Date : 03 April 2024

TERM CONTRACT FOR MAINTENANCE AND EMERGENCY WORKS TO RELIGIOUS SCHOOL BUILDINGS INCLUDING COMPOUND AREA UNDER JABATAN PENGAJIAN ISLAM WITHIN ZONE 7 (KUALA BELAIT), MINISTRY OF RELIGIOUS

AFFAIRS, NEGARA BRUNEI DARUSSALAM.



Quotation For : TERM CONTRACT FOR MAINTENANCE AND EMERGENCY WORKS TO RELIGIOUS SCHOOL BUILDINGS INCLUDING COMPOUND AREA UNDER JABATAN PENGAJIAN ISLAM WITHIN ZONE 7 (KUALA BELAIT), MINISTRY OF RELIGIOUS AFFAIRS, NEGARA BRUNEI DARUSSALAM. Quotation No. : KHEU / BDP / 164 / 108 / 2024 Closed on : 03 April 2024 Receipt No. : PART A - AGREEMENT 1.0 On behalf of \_ I, the undersigned, agree to carry out the above Works / Service / Supply \* for a sum of B\$ \_\_ (Brunei Dollars) (or), At Schedule of Rates attached subject to the adjustment percentage of an additional (+) / a deduction (-)\* % with an approximate Maximum Contract Sum as stated in PART C - APPENDIX Item 6.0. within the Contract Period 12 Days / Weeks / Months \* in accordance with the terms and conditions below below. 2.0 Owner / Director\*'s Signature & Name IC No. 2.1 Signature & Name of Witness IC No. 2.2 Company Address Company Stamp 2.3 Tel. No. Fax No.

Note: An asterisk \* indicates text that is to be deleted as appropriate

2.4 Date



#### PART B - TERMS OF QUOTATION

## 1.0 BASIS OF QUOTATION, OVERALL OBLIGATIONS AND ADMINISTRATION

#### 1.1 Overall Obligations of the Government:

- 1.1.1 To provide access at proper times for the Contractor to do his work.
- 1.1.2 To provide all information and facilities stated in this Contract to enable the Contractor to do his Works.
- 1.1.3 To pay the Contractor as provided in this Contract.
- 1.1.4 To assign a Contract Administrator to administer this Contract.
- 1.1.5 May take out or renew collateral warranty and insurance as referred to in Clause 1.2.3 and Clause 1.2.4 below if the Contractor fails to do so.

## 1.2 Overall Obligations of the Contractor:

- 1,2.1 To finish the Works to the quality standards provided in this Contract within the Completion Date(s) and Contract Period provided in this Contract.
- 1.2.2 To cooperate with all other Contractors working on the project and not to disrupt them or cause damage to their Wo
- 1.2.3 To provide a collateral warranty containing a similar obligation as under this Contract directly to a third party if requested by the Contract Administrator.
- 1.2.4 To provide and maintain valid Contractor's all risks insurance policy at all times.

#### 1.3 Instructions, Certifications & Job Orders

- 1,3.1 The Contract Administrator can issue instructions and certifications including Job Orders to the Contractor on anything relating to the Works.
- 1.3.2 All instructions, certifications and Job Orders must be in writing, dated and clearly identified as Contract Administrator's Instructions, Certifications and Job Orders.
- 1.3.3 For each Job Order, the Contract Administrator must state a commencement date and a reasonable date for its completion and the Contractor must complete each Job Order by that completion date.
- 1.3.4 The minimum and maximum of any one Job Order to be issued as stated in the Appendix Item 5.0 and the maximum to be issued must be capable of being carried out and completed within the Contract Period.
- 1.3.5 The Contractor must comply with all instructions, certifications and Job Orders issued by the Contract Administrator.
- 1.3.6 The Contract Administrator may arrange others to complete the Works if the Contractor fails to comply with Clause 1.3.5, and the Contractor shall pay for all extra costs incurred.

### 2.0 QUALITY, HEALTH, SAFETY AND ENVIRONMENT

#### 2.1 Quality

- 2.1.1 The Contractor must do his Works based on the documents referred to in this Contract and other instructions and information given to him by the Contract Administrator.
- 2.1.2 If any of the Works is not done according to this Contract or if there is any other breach of this Contract by the Contractor, the Contract Administrator shall inform the Contractor of the shortfall(s) in writing. The Contractor must rectify the shortfall(s).
- 2.1.3 If the Contractor does not rectify the shortfall(s), the Contract Administrator may arrange others to rectify the shortfall(s). The Contract Administrator can also certify either:
  - (a) The cost of rectifying such shortfall(s); or
  - (b) The reduced value of the completed Works due to such shortfall(s)
  - as provided in the Payment Certification Clause.
- 2.1.4 The Contract Administrator can continue to do this throughout the project and during the Defects Liability Period (as stated in the Appendix Item No. 3.0) after the Contract Administrator confirms the Works is complete as provided in the Completion Clause.

## 2.2 Health, Safety And Environment

- 2.2.1 The Contractor must keep the site clean and safe at all times.
- 2.2.2 The Contractor must comply with all laws and regulations relating to Health, Safety and Environment Act, if any.

## 3.0 TIME OBLIGATIONS

## 3.1 Starting, Progress and Finishing

- 3.1.1 If not stated in this Contract, the Contract Administrator will inform the Contractor when to start work in writing. The Contractor shall not be entitled to claim for any loss or damage caused by any delay of possession of site.
- 3.1.2 The Contractor must progress with the Works in a regular and diligent manner.
- 3.1.3 The Contract Administrator can instruct the Contractor to stop and restart at any time.
- 3.1.4 The Contractor must finish all the Works within the Completion Date(s) stated in this Contract or as instructed by the Contract Administrator.

#### 3.2 Adjusting Time for Completion

- 3.2.1 If the Government or Contract Administrator or anyone within either of their responsibility or control (which includes other Contractors on site), or anything beyond the Contractor's control, disrupts the Contractor from finishing within the completion period, the Contract Administrator must assess the impact of this disruption on the Contractor's
- 3.2.2 If any Completion Date(s) is affected the Contract Administrator must adjust the Completion Date(s).
- 3.2.3 This must be done in a written certificate clearly identified as Extension of Time Certificate.

#### 3.3 Completion

- 3.3.1 When the Contractor practically completed all the Works, he shall inform the Contract Administrator stating he has completed.
- 3.3.2 The Contract Administrator must decide when the Works has actually practically completed by the Contractor.
- 3.3.4 The Contract Administrator must decide when all obligations of the Contractor are fully discharged.
- 3.3.5 This decision must be in a written certificate clearly identified as a Final Completion Certificate.
- 3.3.6 This must be done after the end of Defects Liability Period (as stated in the Appendix Item No. 3.0) or when the Contractor has rectified all the shortfall(s) including Works that is not according to this Contract and any other breach of Contract by the Contractor identified by the Contract Administrator, whichever is later.

#### 3.4 Delayed Completion

- 3.4.1 If the Contractor does not finish by the date stated in the Contract or Job Order, he shall pay Liquidated and Ascertained Damages due to the delay to the Government as provided in the Payment Certification Clause.
- 3.4.2 Liquidated Damages is calculated for delay between when the Contractor should have completed the Works and when he actually completed the Works.

### 4.0 VARIATIONS TO WORK

- 4.1.1 The Contract Administrator can issue instructions to vary the Works to be done.
- 4.1.2 If the Contract Administrator instructs the Contractor to vary any of the Works and there is a financial impact, the Contract Administrator must certify the value of the variation work as provided in the Payment Certification Clause.
- 4.1.3 The Contract Administrator must value the variation work using the Summary of Works rates and/or adjusted Schedule of Rates. If neither are available then using fair market rates.
- 4.1.4 This shall be done in a written certificate clearly identified as Variation Order certificate.

## 5.0 PAYMENT CERTIFICATION

#### 5.1 Claims and Payment Certificate

5.1.1 The Contractor must submit a claim for the Works done before any payment certificate can be issued.

## 5.2 Contents of Payment Certificate:

- 5.2.1 The payment certificate must include the following: Add the following:
  - (a) Cumulative value of the Works done. This is valued based on Summary of Works rates and/or adjusted Schedule of Rates, if any, If none, then valued based on fair market rates.
  - (b) Value of variation work properly instructed by the Contract Administrator and properly done by the Contractor.

## 5.2.2 Deduct the following:

- (a) Liquidated and Ascertained Damages which is calculated for delay between when the Contractor should have completed the Works and when he actually practically completed the Works.
- (b) The value of any shortfall(s) due to Works done according to this Contract or due to any other breach of this Contract by the Contractor which the Contract Administrator has informed the Contractor. If the Contractor does not rectify the shortfall(s) the Contract Administrator can certify either:
  - (i) The cost of rectifying such shortfall(s) by others; or
  - (ii) The reduced value of the completed Works due to such shortfall(s) as stated in the Appendix.
- (c) A percentage of the sum of total additions above will be retained (as the Retention Sum) and released after the end of Defects Liability Period or when the Contractor rectified all the shortfall(s) including Works that are not done according to this Contract and any other breach of contract by the Contractor identified by the Contract Administrator.

- (d) The Net Amount Payable is the amount the Government must pay to the Contractor. This is calculated by:
  - (i) Adding the total under additions above;
  - (ii) Deducting the total of all deductions above; and
  - (iii) Deducting the cumulative amount certified previously.
- (e) The Contract Administrator may deduct any monies owed by the Contractor to the Government under this Contract or any contract(s) from the Contractor's payments.

## 6.0 TERMINATION OF CONTRACT

- 6.1 If the Contractor:
  - (a) Suspends the Works before completion without any reasonable cause; and/or
  - (b) Fails to proceed with the Works within the time stated in the Contract Administrator's Instructions; and/or
  - (c) Fails to comply with the Contract Administrator's Instructions;

for fourteen (14) days after a notice sent to the Contractor, the Contract Administrator can determine this Contract by a written notice.

- 6.2 If the Contractor:
  - (a) Becomes bankrupt; or
  - (b) Goes into liquidation; or
  - (c) Has offered or given or agreed to give to any person any gift or consideration of any kind as an inducement or reward for doing or forbearing to do or for having done or forborne to do any action in relation to the obtaining or execution of this Contract with the Government, or for showing on forbearing to show favour or disfovour to any person in relation to this Contract or any other contract with the Government or the like acts shall have been done by any person employed by the Contractor or acting on his behalf (with or without the knowledge of the Contractor), or if, in relation to this Contract or any other contract with the Government, the Contractor, or any person employed by the Contractor or acting on his behalf shall have committed or abetted to commit an offence under the Prevention of Corruption Act (Chapter 131) or section 161, 162, 163, 164, 165, 213, 214 or 215 of the Penal Code (Chapter 22).

this Contract is terminated by a written notice.

- 6.3 In either (6.1) or (6.2) above, the Contract Administrator may complete the Works by other ways and the Contractor shall pay for all extra costs incurred.
- 6.4 Termination For Convinience
  - (a) The Government may at any time, give the Contractor a written notice to terminate the employment of the Contractor under the Contract and the Contractor shall immediately or upon such other date as specified in the written notice:
    - (i) cease all works under the Contract, which shall include, but be not limited to such work for the purpose of protecting, making safe or tidying up such part of the works as may already have been executed, or may be in the course of execution.
    - (iii) vacate the site, remove all his plant, tools, equipment, goods and unfixed materials which have not been paid by the Government and handback possession of the site to the Government.
  - (b) In the event of termination under this Clause, Contract Administrator shall certify the amounts payable to the Contractor and the Contractor shall provide all reasonable assistance to the Contract Administrator. In the event that the Contractor does not submit the necessary information required, the Contract Administrator shall make his certification on the information available. The amount certified shall be paid by the Government less any sums previously paid or due to or recoverable by the Government from the Contractor.

## PART C - APPENDIX

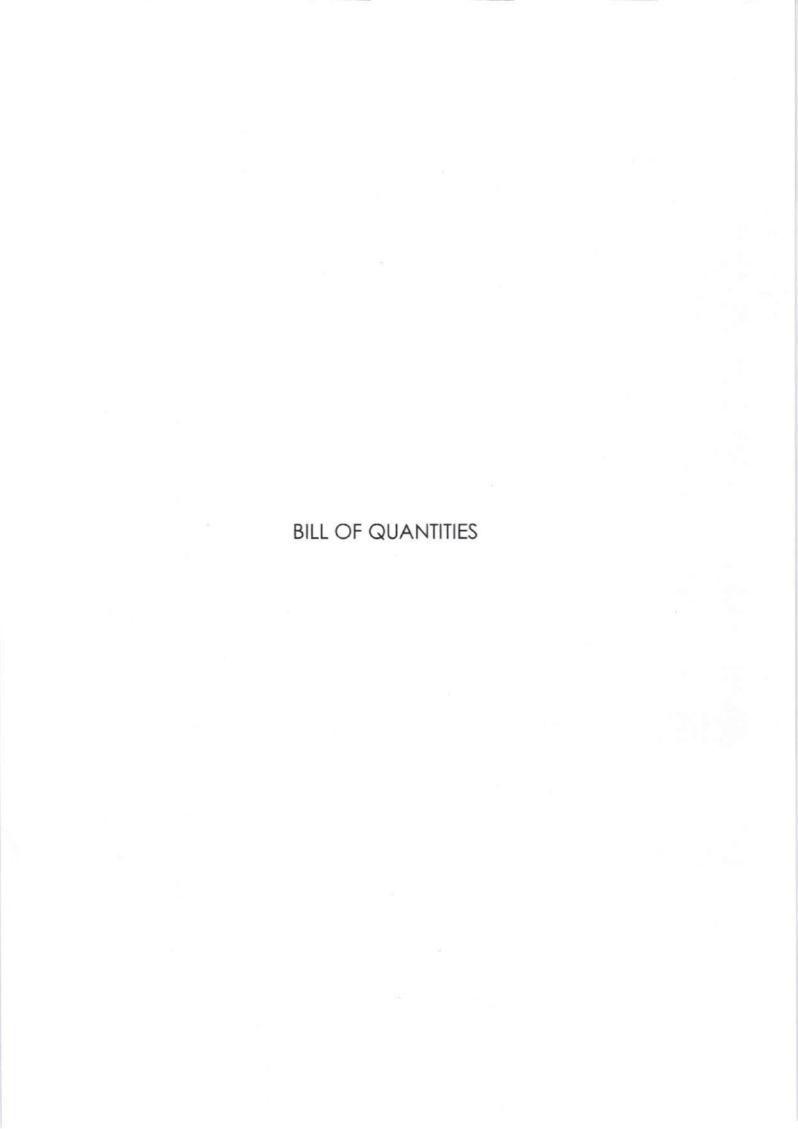
1.0	Completion Date:	
	(If not stated, to be instructed by the Contract Administrator, If more than one completion period, identify the scope of Works for each completion period)	
	For Term Contract, the Contract shall ends when the following conditions are met:	
	(a) The actual expiration of the Contract Period; or	
	(b) The limit of the Approximate Maximum Total Value of All Job Orders have been reached;	-
	Whichever of the above comes first but subject to Clause 3.2 and Clause 4.0.	
2.0	Liquidated and Ascertained Damages (LAD):	
	(If none stated, then the Contract Administrator may certify a reasonable sum as compensation for delay)	
	Total Contract Sum x 15%  Total Contract Period (No. of Days)	B\$per day
3.0	Shortfalls / Defects Liability Period:	
	(If none stated, SIX (6) MONTHS from the date of completion)	Months
4.0	Retention Sum:	% of the
	(If none stated, FIVE (5%) PERCENT of the Contract Sum)	Contract
5.0	Minimum and Maximum Values of Job Orders:	
	Minimum value of any one Job Order to be issued	≤ B\$
	Maximum value of any one Job Order to be issued	≥ B\$
	(If none stated, the maximum value to be issued must be capable of being carried out and completed within the Contract Period)	
6.0	Approximate Maximum Total Value of All Job Orders for the Contract Period:	
	(If not stated, NOT MORE THAN \$50,000.00 - BRUNEI DOLLARS FIFTY THOUSANDS)	
	The Contract Administrator gives no warranty or undertaking as to the actual amount of Works that will be issued through Job Orders and no variance in the actual value of Works ordered shall give rise to a change in any rate, price or percentage adjustment.	≤ B\$
	'	



## BORANG PENGAKUAN DECLARATION FORM

BILANGAN (QUOTATIO	SEBUT HARGA	: KHEU/BDP/164/ 008 /2024		
	BUT HARGA	BUILDINGS INCLUDING COMPO	NANCE AND EMERGENCY WORKS TO RELIGI UND AREA UNDER JABATAN PENGAJIAN ISLA TRY OF RELIGIOUS AFFAIRS, NEGARA BRUNE	M WITHIN
	RIAN / JABATAN / DEPARTMENT)	:		
	Isikan nama setiap pen all the proprietor/share	nilik syarikat/pemegang saham di bawah) eholders' name below)		
Bil. No.		Nama Name	No. Kad Pengenalan Brunei & Warna/ No. Paspat Antarabangsa Brunei Identity Card No. & Colour/ International Passport No.	Tandatangan Signature
_				
I/We as the		adalah pemilik berdaftar sebuah Firma yang registered Proprietor of	, (isikan nama Firma/ fill in	the firm's name)
(atau/or)				
	megang saham dalam s older in a Company	ebuah Syarikat yang bernama		
	amat perniagaan di, lace of business at		, (isikan nama Syarikat/ fill in the (	Company's name)
serta men Which pa	ghadapkan tawaran yan	g sama.	thli keluarga saya tidak ada kepentingan dalam lain-lain s my member of my family do not have any interest in the	
		Tandatangan & C		//

DF/I



## RINGKASAN TAWARAN

SUMMARY OF TENDER

Tajuk/ Title: TERM CONTRACT FOR MAINTENANCE AND EMERGENCY WORKS TO RELIGIOUS SCHOOL BUILDINGS INCLUDING INCLUDING COMPOUND AREA IN WITHIN ZONE 7, MINISTRY OF RELIGIOUS AFFAIRS,

NEGARA BRUNEI DARUSSALAM.

Bil. Sebutharga: KHEU / BDP / 164 / 00% 2028 4

io. Keterangan / Description	Unit	Kadar Rate
Note to Tenderer:	1 1	
Supply of all necessary, appropriate labour, approved materials, proper and safe hand and / or		
powered tools and equipment including scaffolding and transportation (where necessary) for the	1 1	
proper, safe execution, completion inclusive contractor's own electrical and water generator and		
accordance to the OIC's instructions and satisfaction.		
Only materials approved by ABCi, Ministry of Development and Ministry of Health can be used for	1 1	
the contract. Contractor to submit all necessary approval documentation for consideration, all to	1 1	
the satisfaction of the OIC.		
Contractors to work when access to site is available. No. claims will be entertained even if access is	s	
after normal office hour or during public holiday.		
Normal working time:-		
monday from: 7.45am - 4.30pm		
Tuesday from: 7.45am - 4.30pm	1. 1	
Wednesday from: 7.45am - 4.30pm		
Thursday from: 7.45am - 4.30pm	1 1	
Saturday from: 7.45am - 4.30pm		
Contractor to comply all work instruction urgently within the same day of issuance of instruction of	of	
work order / Job order by the S.O or OIC		
Contractor to make good and match to all adjecent of all affected of all affected areas as per to		
OIC's instrcutions and satisfaction.		
Contractor to keep all site clean and tidy at all times. Unwanted materials and debries to be	1 1	
removed and disposed to contractor's own dumping ground which is approved by the OIC. All in	1 1	
accordance to current Brunei Government Law and Regulation.		
Contractor to clean up work area after each completion work. All equipments, materials and tools		
must be remove from site immediately once work is completed.		
If any damages found to the tenant's property done by the works, the Contractor shall be held full	v	
responsible and bear all the repair cost.		
If main contractor do not have any of these category and are not eligible to carry out these		
specialist works, the main contractor need to assign sub contractor to do the specific works base of	on	
the category as per ABCI requirements. Below are the categories:		
KPB02 - Waterproofing		
KPB04 - Plumbing and Sanitary Works		
KPB05 - Pest Control		
KPB11A - Structural Repair		



Item	Keterangan / Description	Unit		Kadar
No.		Unit	-	Rate
AA	SECTION NO.1: PRELIMINARIES			
AA1	Allow for preliminaries as required to comply with the conditions of contract and specification:	LS	\$	1,000.0
	- Progress photograph (Work condition:- Before, in progress & after as directed by the OIC) Photo to be in soft copies and hard copies			
	Insurances			
	(To cover all hours of the contract period)			
AA2	i) Public Liability	LS	\$	500.0
AA3	ii) Workmen's Compensation	LS LS	\$	300.0
AA4	iii) Fire	В	3	300.0
AA5	Health and Safety Provision for compliance to safety, health and environment requirement as to comply with current	LS	\$	500.0
	Brunel Government Acts to JKR Standard.			
	SECTION NO.2: BUILDING GENERAL REPAIRWORK			
Α	CLEARING & CUTTING			
A1	Clear any vegetation, grass, shrubs, bushes, stone, boulder and the like; clear all debris offsite or at	m2	5	1.0
WI	S.O discretion	1112		1.0
	Cut down large trees including grubbing up roots and filling coids with imported fills			
A2	< 150mm Ø	No.	\$	250.0
A3	150mm - 300mm Ø	No.	\$	400.0
A4	> 300mm Ø	No.	\$	650.0
A5	Removal of fallen trees including branches or trunks and the like and dispose off-site	Lot	\$	10.0
В	EARTHWORKS & EXCAVATION			
	Imported Fill			
	Selected imported dry earth consolidated in layers			
B1	Filling to make up levels	m3	\$	5.0
B2	Backfilling around walls and foundations	m3	\$	8.
В3	Hardcore, filling to make up levels well consolidated  Over 300mm thick	m3	5	50.0
03				
	Hardcore: beds well consolidated	m2	\$	6.
B4 B5	100mm thick (average); blinding with sand / concrete 150mm thick 9average); blinding with sand / concrete	m2	\$	9.
	Sand consolidated in layers			
B6	50mm thick (average)	m2	\$	2.
B7	75mm thick (average)	m2	5	3.
B8	50mm - 75mm Top Soil	m2	\$	3.
B9	Close turfing using cow grass laying to flat ground	m2	\$	3.
B10	Over 300mm thick	m3	\$	30.
			1	



Item	Keterangan / Description	Unit		Kadar
No.		Unit	-	Rate
В	EARTHWORKS & EXCAVATION (CONT'D)			
	Excavation			
	General excavation depth and dispose off-site			
B11	average 100mm deep	m2	\$	1.5
B12	average 200mm deep	m2 m3	\$	2.0
B13	over 300mm deep	ms	3	6.0
B14	Excavate for footing and likes; dispose off-site Light-weight machinery	m3	\$	9.0
B15	Hand excavation in restricted area	m3	\$	20.0
c	DEMOLITION AND ALTERATION			
	Break-up concrete including cutting and bending or reinforcement; dispose off site; all necessary excavation and backfilling; make good all work disturbed in material to match existing			
	Reinforced concrete substructures, ground slabs including removing any finishes and sub base			
	under			
C1	100mm thick	m2	\$	8.0
C2 C3	150mm thick	m2 m2	\$	10.0
C4	200mm thick 250mm thick	m2	\$	15.0
C5	300mm thick	m2	\$	18.0
	Strip off or removal of and dispose site roof finishes			
C6	Waterproof membrane roof finishes and cleaning surfaces using appropriate solvent to bare	m2	\$	2.0
<b>C7</b>	concrete; flt roof, side and bottom gutters  Roof finishes complete with all flashing, underlaying roofing paper, insulation and weld mech	m2	\$	8.0
C8	Roof structure and finishes complete with all flashing, underlaying roofing paper, insulation, weld	m2	s	11.0
Cu	mesh and members / trusses			
	Removal metal cladding; clear all debris off site			(147)
C9	Wall cladding including metal or timber framing	m2	\$	2.5
	Break up existing wall including finishes; provide opening including necessary temporary supports; make good works disturbed; clear debris off site			
C10	Brickwall half brick thick	m2	\$	6.0
C11	Brickwall one brick thick	m2	\$	11.0
C12	Brickwall one and a half brick thick	m2	\$	15.0
C13	Brickwall two brick thick	m2	\$	18.
C14	Clear glass block	m2	\$	10.
C15	Block wall	m2	\$	7.0
	Remove existing wall partition; make good to disturbed; clear debris off site		s	5.
C16	Timber partition	m2	5	
C17	Timber partition inclduing framing	m2	,	7.1
	Hack or take off existing wall or floor finishes; clear debris off site		١.	
C18	Cement and sand screed and / or finishes to floor, skirting, landing, walls, etc. and form keys, clean and wash to receive new finishes	m2	\$	5.
C19	Floor carpet and the likes complete with any underlay and remove any adhesive	m2	\$	2.5



C20 C21 C22	DEMOLITION AND ALTERATION (CONT'D)  Remove existing ceiling, clear all debris off site  Softboard, hardboard, gypsum board, cement board or metal ceiling and the likes	Unit		Rate
C20 C21 C22	Remove existing ceiling, clear all debris off site			
C20 :				
C21 :	Softhoard, hardboard, synsum hoard, rement hoard or metal ceiling and the likes			
C21		m2	\$	1.6
C22	Softboard, hardboard, gypsum board, cement board or metal ceiling and the likes; complete with all framing or suspension system	m2	\$	2.0
200000 1 1 2	Timber slate	m2	\$	3.0
C23	Remove and dispose off site timber, glass, aluminium doors and the likes			
	Single leaf	No.	\$	4.0
C24	Double equal leaf	No.	\$	7.0
C25	Double unequal leaf	No.	\$	6.5
	Remove and dispose off site timber, glass, aluminium doors and the likes including frames and jambs			
3.300	Single leaf	No.	\$	5.0
	Double equal leaf	No.	\$	8.0
C28	Double unequal leaf	No.	\$	7.5
1	Remove and dispose offsite rainwater goods; to hack off concrete including all fittings and brackets			
C29	UPVC or metal gutter, downpipes etc	m	\$	1.5
	Break up R.C perimeter drain, sumps or kerbs, cutting and bending of reinforcement dispose debris off site			
C30	Not exceeding 250mm	m	\$	4.0
C31	250mm - 350mm	m	\$	6.0
C32	300mm - 450mm	m	\$	7.0
C33	450mm - 600mm	m	\$	8.0
C34	R.C sump average size 600mm x 600mm wide	No.	\$	30.0
	Remove existing fencing; clear all debris off site			2.0
200	1200mm high fencing	m	\$	2.0
	1800mm high fencing	m	\$	3.0
	1200mm high fencing post and bracing	No.	\$	3.5
C38	1800mm high fencing post and bracing	No.	\$	4.0
- I	Remove existing: make good works disturbed; clear all debris off site Window including frame	m2	\$	3.0
0.00	Safety grille to door, windows and the like including frame	m2	\$	2.0
	Timber / metal collapsible door, inlcuding track, frame, accessories	m2	5	4.0
	Roller shutter c/w other associate accessories	m2	\$	6.0
	Flag pole complete with accessories and substructure	No.	\$	25.0
	Scupper drain 100mm - 150mm wide including tiling if necessary and other necessary works	m	\$	10.0
- 1	Handrail consists top rail, bottom rail, intermediate rails and post including cutting and the			
ALCOHOL: N	likes		1.	
	Corridor	m	\$	3.0
C46	Staircase	m	\$	3.0
	Remove existing fittings and fixtures; make good any works disturbed; clear debris off site			
C47	Timber low level cabinet Not exceeding 900mm high x 700mm deep	m	\$	5.0
1500 Page 1	Timber high level / wall hung cabinet Not exceeding 900mm high x 700mm deep	m	\$	5.0
C49	Timber wardrobe up to ceiling height	m	\$	10.0



metal water tank including disconnect plumbing connection and disposal off site    NSTIU CONCRETE & FORMWORK	n	Keterangan / Description	Unit		Kadar
Remove existing water tank; make good any works disturbed; dispose off site HDPE tank including disconnect plumbing connection and disposal off site metal water tank including disconnect plumbing connection and disposal off site  INSTIU CONCRETE & FORMWORK  Supply and lay Somm Grade 15 concrete blinding complete with formwork  Supply and lay Concrete in structural works (column, beam, plinth, pile cap, step and staircase)  Grade 30  Grade 40  Supply and lay Grade 25 concrete in slab / apron / wall; trowelled smooth  Oomm thick  100mm thick 100mm thick 200mm thick 250mm thick 2100mm thick 2100mm thick 2100mm thick 2200mm thick 250mm thick 250mm thick 250mm thick 250mm thick 2100mm thick 2100mm thick 2100mm thick 2100mm thick 2100mm thick 2200mm thick 250mm thick 260mm thick 270  RemPORCEMENT  Mild steel bar reinforcement to 8.5 4449 to ; concrete slabs, walls, beams, columns etc.  E1 Not exceeding 10mm Ø ; general straight and bent bars 25 16 - 25mm Ø ; general straight and bent bars 26 10 - 13mm Ø ; general straight and bent bars 26 10 - 25mm Ø ; general straight and bent bars 27 8RC reference A7 28 BRC reference A7 29 BRC reference A7 20 BRC reference A7 20 BRC reference A7 21 BRC reference A7 22 BRC reference A7 23 BRC reference A7 24 BRC reference A7 25 BRC reference A7 26 BRC reference A7 27 BRC reference A7 28 BRC reference A7 29 BRC reference A7 20 BRC reference A7 20 BRC reference A7 20 BRC reference A7 21 BRC reference A7 22 BRC reference A7 23 BRC reference A7 24 BRC reference A7 25 BRC reference A7 26 BRC reference A7 27 BRC reference A7 28 BRC reference A7 29 BRC reference A7 39 BRC r	+		Unit	_	Rate
MDPE tank including disconnect plumbing connection and disposal off site   Lot	D	DEMOLITION AND ALTERATION (CONT'D)			
metal water tank including disconnect plumbing connection and disposal off site    Notice   N	Re	semove existing water tank; make good any works disturbed; dispose off site			
Disply and lay 50mm Grade 15 concrete blinding complete with formwork  Supply and lay concrete in structural works (column, beam, plinth, pile cap, step and staircase)  Grade 30  Grade 30  Grade 30  Grade 40  100mm thick 150mm thick 250mm thick 2		IDPE tank including disconnect plumbing connection and disposal off site	Lot	\$	100.0
Supply and lay 50mm Grade 15 concrete blinding complete with formwork  Supply and lay concrete in structural works (column, beam, plinth, pile cap, step and staircase)  Grade 30  Grade 40  Supply and lay Grade 25 concrete in slab / apron / wall; trowelled smooth  D4  100mm thick	I m	netal water tank including disconnect plumbing connection and disposal off site	Lot	\$	100.0
Supply and lay concrete in structural works (column, beam, plinth, pile cap, step and staircase)  Grade 30  Grade 40  Supply and lay Grade 25 concrete in slab / apron / wall: trowelled smooth  100mm thick 150mm thick 250mm thick 260 200mm thick 270 200mm thi	IN	NSITU CONCRETE & FORMWORK			
Grade 30 Grade 40  Supply and lay Grade 25 concrete in slab / apron / wall: trowelled smooth  100mm thick D5 150mm thick D7 200mm thick D8 100mm thick D9 150mm thick D1 250mm thick D1 200mm thick D1 250mm thick D2 25	. Su	upply and lay 50mm Grade 15 concrete blinding complete with formwork	m2	\$	6.0
Grade 40  Supply and Jay Grade 25 concrete in slab / apron / wall. trowelled smooth  100mm thick 150mm thick 200mm thick 250mm thick 300mm	Su	upply and lay concrete in structural works (column, beam, plinth, pile cap, step and staircase)			
Supply and lay Grade 25 concrete in slab / apron / wall: trowelled smooth  100mm thick  200mm thick  200mm thick  250mm thick  250mm thick  300mm th	G	irade 30	m3	\$	190.0
100mm thick m2	Gr	irade 40	m3	\$	220.0
150mm thick m2					
200mm thick 250mm	0.002		17524	\$	19.0
250mm thick  Supply and lay Grade 30 concrete in slab / apron / wall; trowelled smooth  150mm thick  150mm thick  200mm thick  m2  250mm thick  m3  250mm thick  m3  250mm thick  m2  250mm thick  m3  250mm thick  m4  250mm thick  m2  250mm thick  m3  260mm thicke  m3  260mm thick  m3  260mm thic				\$	28.0
Supply and lay Grade 30 concrete in slab / apron / wall; trowelled smooth  100mm thick 100mm thick 110mm thick 110mm thick 110 200mm thick 110 250mm thick 110 250mm thick 111 250mm thick 112 250mm thick 112 250mm thick 113 250mm thick 114 250mm thick 115 250mm thick 115 250mm thick 116 250mm thick 117 250mm thick 118 250mm thick 119 250mm thick 110 250mm thicke 110 250mm thickenthistant, columns this 110 250mm thickenthistant, columns this 110 250mm this 110 250mm thickenthistant, columns this 110 250mm this 110 250mm thistant, columns this 110 250mm t	120		12.72	S	36.0
100mm thick	25	Summ thick	m2	\$	42.0
150mm thick 200mm thick m2 250mm thi	S	Supply and lay Grade 30 concrete in slab / apron / wall; trowelled smooth			
200mm thick 250mm	10	.00mm thick	m2	\$	22.0
250mm thick m2  REINFORCEMENT  Mild steel bar reinforcement to B.S 4449 to; concrete slabs, walls, beams, columns etc.  E1 Not exceeding 10mm Ø: links, stirrups, blinders kg 10-13mm Ø: links, stirrups, binders kg 110-13mm Ø: links, stirrups, binders kg 110-13mm Ø: general straight and bent bars kg 10-13mm Ø; general straight and bent bars kg 16-25mm Ø; general straight and bent	2.5		11.00	\$	30.0
E REINFORCEMENT  Mild steel bar reinforcement to B.S 4449 to; concrete slabs, walls, beams, columns etc.  E1 Not exceeding 10mm Ø: links, stirrups, blinders kg 10-13mm Ø: links, stirrups, binders kg 10-13mm Ø: links, stirrups, binders kg 10-13mm Ø; general straight and bent bars kg 16-25mm Ø; general straight and bent bars kg 16-25mm Ø; general straight and bent bars kg 16-25mm Ø; general straight and bent bars kg 18-25mm			1000	\$	38.0 44.0
Mild steel bar reinforcement to B.S 4449 to; concrete slabs, walls, beams, columns etc.    Not exceeding 10mm Ø: links, stirrups, blinders   kg   10 - 13mm Ø: links, stirrups, binders   kg   11 - 13mm Ø: links, stirrups, binders   kg   12   13mm Ø: links, stirrups, binders   kg   13   14   15   16   15   16   16   16   16   16	1 25	Softin thick	IIIZ	,	44,0
Not exceeding 10mm Ø: links, stirrups, blinders  10 - 13mm Ø: links, stirrups, binders  High tensile steel bar reinforcement to B.S 4449 to; concrete slabs, walls, beams, columns etc.  Not exceeding 10mm Ø; general straight and bent bars  10 - 13mm Ø; general straight and bent bars  16 - 25mm Ø; general straight and bent bars  E5 16 - 25mm Ø; general straight and bent bars  18 exceeding 25mm Ø; general straight and bent bars  19 BRC steel fabric reinforcement to B.S 4483; well lapped at joints; concrete slabs  19 BRC reference A8  10 - 13mm Ø; general straight and bent bars  10 - 25mm Ø; general str	RE	EINFORCEMENT			
E2 10 - 13mm Ø : links, stirrups, binders  High tensile steel bar reinforcement to B.S 4449 to ; concrete slabs, walls, beams, columns etc.  E3 Not exceeding 10mm Ø ; general straight and bent bars  E4 10 - 13mm Ø ; general straight and bent bars  E5 16 - 25mm Ø ; general straight and bent bars  E6 exceeding 25mm Ø ; general straight and bent bars  E7 BRC steel fabric reinforcement to B.S 4483 ; well lapped at joints ; concrete slabs  E8 BRC reference A8  E8 BRC reference A7  E9 BRC reference A6  F ROOFING WORKS  Removing existing; supply and lay kliplok Colorbond 0.53mm Hi-Ten or equivalent roofing sheet including KL65 fixing clip and accessories of selected standard colour, including all sides and end laps (measured net - no allowance for laps)  sloping  type 1 standard ridge cappings  type 2 plain edge ridge cappings notched and truned down  type 3 longitudinal fascia cappings  type 4 transerve cappings notched and turned down  type 5 longitudinal parapet flashings	M	fild steel bar reinforcement to B.S 4449 to ; concrete slabs, walls, beams, columns etc.			
High tensile steel bar reinforcement to B.S 4449 to; concrete slabs, walls, beams, columns etc.  Not exceeding 10mm Ø; general straight and bent bars 10 - 13mm Ø; general straight and bent bars 16 - 25mm Ø; general straight and bent bars 16 exceeding 25mm Ø; general straight and bent bars 18 exceeding 25mm Ø; general straight and bent bars 18 BRC steel fabric reinforcement to B.S 4483; well lapped at joints; concrete slabs 18 BRC reference A8 19 BRC reference A7 20 BRC reference A6 21 PRC reference A6 22 PRC reference A6 23 PRC reference A6 24 PRC reference A6 25 PROFING WORKS 26 Removing existing; supply and lay kliplok Colorbond 0.53mm Hi-Ten or equivalent roofing sheet including KL65 fixing clip and accessories of selected standard colour, including all sides and end laps (measured net - no allowance for laps) 18 sloping 19 pe 1 standard ridge cappings 19 type 1 standard ridge cappings notched and truned down 19 type 3 longitudinal fascia cappings 19 type 4 transerve cappings notched and turned down 19 type 5 longitudinal parapet flashings 19 mm	N	lot exceeding 10mm ∅ : links, stirrups, blinders	kg	\$	2.8
Roofing works  Removing existing; supply and lay kliplok Colorbond 0.53mm Hi-Ten or equivalent roofing sheet including KL65 fixing clip and accessories of selected standard colour, including all sides and end laps (measured net - no allowance for laps)  type 2 plain edge ridge cappings notched and turned down type 5 longitudinal parapet flashings  kg  kg  kg  kg  kg  kg  kg  kg  kg	10	0 - 13mm Ø : links, stirrups, binders	kg	5	2.6
E4 10 - 13mm Ø; general staright and bent bars kg E5 16 - 25mm Ø; general straight and bent bars kg E6 exceeding 25mm Ø; general straight and bent bars kg  BRC steel fabric reinforcement to B.S 4483; well lapped at joints; concrete slabs  BRC reference A8 BRC reference A7 BRC reference A6 ROOFING WORKS  Removing existing; supply and lay kliplok Colorbond 0.53mm Hi-Ten or equivalent roofing sheet including KL65 fixing clip and accessories of selected standard colour, including all sides and end laps (measured net - no allowance for laps)  Sloping Type 1 standard ridge cappings Type 2 plain edge ridge cappings notched and truned down Type 3 longitudinal fascia cappings Type 4 transerve cappings notched and turned down Type 5 longitudinal parapet flashings  Mg RM2 Type 1 longitudinal parapet flashings  Mg RM3 Type 1 longitudinal parapet flashings  Mg Type 1 longitudinal parapet flashings	Hi	ligh tensile steel bar reinforcement to B.S 4449 to ; concrete slabs, walls, beams, columns etc.			
E5 16 - 25mm Ø ; general straight and bent bars kg  E6 exceeding 25mm Ø ; general straight and bent bars kg  BRC steel fabric reinforcement to B.S 4483 ; well lapped at joints ; concrete slabs  E7 BRC reference A8 m2 m2  E8 BRC reference A6 m2  F ROOFING WORKS  Removing existing; supply and lay kliplok Colorbond 0.53mm Hi-Ten or equivalent roofing sheet including KL65 fixing clip and accessories of selected standard colour, including all sides and end laps (measured net - no allowance for laps)  E9 type 1 standard ridge cappings may type 2 plain edge ridge cappings notched and truned down type 3 longitudinal fascia cappings may type 4 transerve cappings notched and turned down type 5 longitudinal parapet flashings may may be considered the cappings may be possible to the cappings of the	N	iot exceeding 10mm Ø; general straight and bent bars	kg	\$	2.7
E6 exceeding 25mm Ø; general straight and bent bars  BRC steel fabric reinforcement to B.S 4483; well lapped at joints; concrete slabs  BRC reference A8  BRC reference A7  BRC reference A6  ROOFING WORKS  Removing existing; supply and lay kliplok Colorbond 0.53mm Hi-Ten or equivalent roofing sheet including KL65 fixing clip and accessories of selected standard colour, including all sides and end laps (measured net - no allowance for laps)  Stoping  type 1 standard ridge cappings  type 2 plain edge ridge cappings notched and truned down  type 3 longitudinal fascia cappings  type 4 transerve cappings notched and turned down  type 5 longitudinal parapet flashings		있어서 자유 (2017년 1917년 1일 14 H ) (2017년 1일 15 H ) 전 (2017년 12 H) (2017년 14 전 H)	127	\$	2.6
BRC steel fabric reinforcement to B.S 4483; well lapped at joints; concrete slabs  BRC reference A8  BRC reference A7  BRC reference A6  ROOFING WORKS  Removing existing; supply and lay kliplok Colorbond 0.53mm Hi-Ten or equivalent roofing sheet including KL65 fixing clip and accessories of selected standard colour, including all sides and end laps (measured net - no allowance for laps)  sloping  rype 1 standard ridge cappings  type 2 plain edge ridge cappings notched and truned down  type 3 longitudinal fascia cappings  type 4 transerve cappings notched and turned down  type 5 longitudinal parapet flashings  m  m  m  m  m  m  m  m  m  m  m  m  m			200	\$	2.7
E7 BRC reference A8 m2	ex	xceeding 25mm Ø ; general straight and bent bars	kg	\$	2.8
E8 BRC reference A7 E9 BRC reference A6  F ROOFING WORKS  Removing existing; supply and lay kliplok Colorbond 0.53mm Hi-Ten or equivalent roofing sheet including KL65 fixing clip and accessories of selected standard colour, including all sides and end laps (measured net - no allowance for laps)  F1 sloping F2 type 1 standard ridge cappings T3 type 2 plain edge ridge cappings notched and truned down T4 type 3 longitudinal fascia cappings T5 type 4 transerve cappings notched and turned down T6 type 5 longitudinal parapet flashings  m m				١.	
F ROOFING WORKS  Removing existing; supply and lay kliplok Colorbond 0.53mm Hi-Ten or equivalent roofing sheet including KL65 fixing clip and accessories of selected standard colour, including all sides and end laps (measured net - no allowance for laps)  sloping m2  type 1 standard ridge cappings m2  type 2 plain edge ridge cappings notched and truned down m3  type 3 longitudinal fascia cappings notched and turned down m3  type 4 transerve cappings notched and turned down m3  type 5 longitudinal parapet flashings m3				\$	9.0
Removing existing; supply and lay kliplok Colorbond 0.53mm Hi-Ten or equivalent roofing sheet including KL65 fixing clip and accessories of selected standard colour, including all sides and end laps (measured net - no allowance for laps)  F1 sloping m2 type 1 standard ridge cappings m type 2 plain edge ridge cappings notched and truned down m type 3 longitudinal fascia cappings m type 4 transerve cappings notched and turned down m type 5 longitudinal parapet flashings m			784276	\$	7.0
including KL65 fixing clip and accessories of selected standard colour, including all sides and end laps (measured net - no allowance for laps)  F1 sloping m2  type 1 standard ridge cappings m  type 2 plain edge ridge cappings notched and truned down m  type 3 longitudinal fascia cappings m  type 4 transerve cappings notched and turned down m  type 5 longitudinal parapet flashings m	R	OOFING WORKS			
laps (measured net - no allowance for laps)     m2       F1     sloping     m2       f2     type 1 standard ridge cappings     m       f3     type 2 plain edge ridge cappings notched and truned down     m       f4     type 3 longitudinal fascia cappings     m       f5     type 4 transerve cappings notched and turned down     m       f6     type 5 longitudinal parapet flashings     m	Re	demoving existing; supply and lay kliplok Colorbond 0.53mm Hi-Ten or equivalent roofing sheet			
F1 sloping m2 type 1 standard ridge cappings m type 2 plain edge ridge cappings notched and truned down m type 3 longitudinal fascia cappings m type 4 transerve cappings notched and turned down m type 5 longitudinal parapet flashings m					
type 1 standard ridge cappings m type 2 plain edge ridge cappings notched and truned down m type 3 longitudinal fascia cappings type 4 transerve cappings notched and turned down m type 5 longitudinal parapet flashings m	-		m2	s	60.0
type 2 plain edge ridge cappings notched and truned down my type 3 longitudinal fascia cappings my type 4 transerve cappings notched and turned down my type 5 longitudinal parapet flashings my my type 5 longitudinal parapet flashings my			00000	5	14.0
F4 type 3 longitudinal fascia cappings m  F5 type 4 transerve cappings notched and turned down m  F6 type 5 longitudinal parapet flashings m			1700	\$	14.0
F5 type 4 transerve cappings notched and turned down m type 5 longitudinal parapet flashings m	1000	5. 전문 사람들은 경기를 내려왔다면 5. 전문 사람들은 연구하는 전략 2000년 전 사람들은 보고 보고 있다.		\$	9.
F6 type 5 longitudinal parapet flashings m	1.0		m	\$	9.
E7 It was E transverse paragest flackings notched and turned down		# Tip: [	m	\$	11.
type 3 transverse parapet hashings notified and turned down	ty	ype 5 transverse parapet flashings notched and turned down	m	\$	9.



Item No.	Keterangan / Description	Unit		Kadar Rate
F	POOLING MODIC (CONTIN)			
	ROOFING WORKS (CONT'D)			
	Remove and replace existing metal roofing including clips and accessories of selected standard			
	colour, including all sides and end laps (measured net - no allowance for laps)			
F8	Interline Kapitan Steel Sheets Kliplok Hi Ten (0.47mm)	m2	\$	28.
F9	Lysaght Colorbond or approved equivalent poratile profiled steel sheets (0.48mm)	m2	\$	40.
10	Ditto but profiled steel sheet Kliplok Hi Ten (0.35mm)	m2	\$	30.
	To supply and install "Terreal Romane TBF" or any equivalent clay roof tiles 282mm x			
	428mm of selected colour to match existing and fixed on 50mmx50mm sawn treated			
	hard wood battens at 365mm centres with stainless steel nails.		١.	
11	Main roof tile	m2	5	66.
12	Ventilation ridge	m	\$	100.
13 14	Ventilation ridge end Verge tile Left/right	m	s	30.
15	Double roll	m	\$	30
16	Ridge end cap	No	\$	42.
17	3 way holder	No	5	55.
18	4 way holder	No	\$	52.
19	Socket tile	No	\$	150
20	Lantern cap	No	\$	150
	Remove, supply and fix new			
21	50mm x 50mm chicken wirewesh	m2	\$	0
22	BRC 3315 / 3316 to roof	m2	\$	1
23	25mm fibreglass insulation	m2	\$	1.
	Sisalation roofing paper			
24	Single-sided	m2	\$	0
25	Double-sided	m2	\$	1
26	Standard Kliplok Colorbond fascia board or approved equivalent 450mm wide; lightweight framing system complete with accessories	m	\$	14.
	system complete with accessories			
G	BRICKWORKS, BLOCKWORKS & WALL PARTITION			
	Brickworks			
G1	Breaking up / make opening to existing brickwall including plastering, painting, making good affected surfaces and clear all debris offsite	m2	\$	14.
	Brickwork in first grade common bricks to \$.5 103 bedded and jointed in cement mortar (1:3)			
	reinforced with Lysaght expanded metal blockwork reinforcement every third course including plastering with thickness to match existing			
<b>G2</b>	Half brick 112mm thick	m2	\$	22
G3	One brick 225mm thick	m2	\$	42
54	10 - 20mm thick cement and sand backing to wall	m2	\$	6
G5	10 - 20mm thick cement and sand plaster to wall	m2	s	6
850				
ce.	Plastering to smooth finish including, groove and pattern design to S.O approval  20mm thick to brickwall	m2	5	10
G6 G7	13mm thick to offit of slab	m2	S	10
G8	13mm thick to solution stab	m2	Š	10
30	and the colorina and seem			
				1
			1	K

tem No.	Keterangan / Description	Unit		Kadar Rate
G	BRICKWORKS, BLOCKWORKS & WALL PARTITION (CONT'D)	V		
	Lightweight Block			
<b>G9</b>	Remove existing, supply and install CSR autoclaved lightweight concrete block laid using CSR ALC thin bed adhesive including control joint tie (FBI) to be installed on every third course across 10mm wide control joints as per manufacturer's specification including plastering	m2	\$	55.00
	Glass Block			
	Remove existing and supply; "Solaris Glasstein" flemish or cross-ribbed or other equal and approved			
	glass blocks in cement and sand mortar mixed with "Dribond" or other equal and approved bonding			
	additive; complete with channels, expansion strips, packing, panel reinforceming, panel anchors and			
	other items for complete installation in accordance to the manufacturer's recommendation		1	
G10	Approx. block size: 150mm x 150mm x 80mm thick	m2	\$	200.0
G11	Approx. block size: 190mm x 190mm x 80mm thick	m2	\$	230.0
	Timber Board Wall			
G12	Demolish existing timber board wall and make good to affected area and clear all debris offsite	m2	\$	5.0
G13	To supply and install new Kapur Bukit / Keruing or any other approved equivalent of shiplap / T&G	m2	\$	33.0
	timber wall board to match the existing wall complete with primer and 2 coats of approved painting			
	(all as per OIC'S approval) including all other necessary works and accessories required as per S.O's			
	instructions			
н	FLOOR & WALL FINISHES			
	Insitu finishes			
	Cement and sand screed (1:3 mix) to receive finishes			
H1	13mm thick to walls	m2	5	6.5
H2 H3	25mm thick to concrete floor, walls etc; laid to fall if required 38mm thick to concrete floor laid to fall	m2 m2	5	8.0 11.0
n <sub>3</sub>	Somm thick to concrete most late to rail	1112	1	1110
	Removal & laying new wall / floor tile finishes			
Н4	Carefully remove existing tile finishes, clean and remove mortar on back of existing tile surface /	m2	5	3.5
	finishes; set asside for reuse and remove all debris offsite		1	
H5	Relay existing tiles bedded on Nicobond CT300 or other approved equivalent adhesive on cement	m2	\$	15.0
	and sand screed; with 6mm joints / similar to existing; grouting and pointing in Nicobond tiler's			
	grout; including general cleaning and polishing upon completion			
Н6	Carefully remove existing nosing / Skirting tiles, clean and remove mortar on back of existing tile	m	\$	1.0
	surfaces / finishes, set aside for reuse and remove all debris offsite			
	Relay existing nosing / skirting tiles bedded on Nicobond CT300 or other approved equivalent	m	\$	2.0
H7	adhesive on and icluding 20mm thick cement and sand (1:3 mix) screed; with 6mm joints / similar			
H7	addiesive oil and icidding zonith thick cernent and said (1.5 mix) served, with origin joins / similar			
H7	to existing; grouting and pointing in Nicobond tiler's grout; inclduing general cleaning and polishing			



No.	Keterangan / Description	Unit	1	Kadar Rate
н	FLOOR & WALL FINISHES (CONT'D)			
"	PLOOR & WALL PINISHES (CONT D)			
	Lay new tiles, size to match existing or to OIC's instructions and approval; bedded on Nicobond			
	CT300 or other approved equivalent adhesive on cement and sand screed; with 6mm joints / similar to existing; grouting and pointing in Nicobond tiler's grout; including general cleaning and polishing			
	upon completion			
H8	Ceramic tiles	m2	\$	25.0
H9 110	Homogeneous tiles Homogeneous Polished tiles	m2 m2	\$	45.5 72.0
111	Homogeneous Rock finish tiles	m2	\$	46.6
112	Nosing tiles	m	\$	8.1
113	100mm skirting tiles	m	\$	15.0
H14	Ceramic / Homogeneous skirting tiles laid and jointed	m	\$	4.0
H15	Ceramic / Homogeneous nosing tiles in edging or steps laid and jointed	m	\$	4.0
H16	Labour and chemical to clean floor and wall tile to S.O's satisfaction	m2	\$	2.0
	Carpet Floor Finishes			
	Supply and lay loop-pile carpet with mass not less than 20oz/yd2 laid on prepared screed using appropriate adhesive, joint carefully, matching edging c/w aluminium edging strip to door area			
H17	20oz/yd²	m2	\$	30.0
118	30 oz/yd²	m2	\$	38.0
H19	36 oz/yd²	m2	\$	44.0
120	5mm rubber underlay as above	m2	\$	8.6
H21	Supply and lay Heavy duty carpet tile laid on prepared screed using appropriate adhesive, joint carefully, matching edging c/w aluminium edging strip to door area	m2	s	68.
	Timber Floor Finishes			
H22	To prepare floor finish with T&G laminated floor complete with necessary joining works including all	m2	\$	40.0
	other necessary works required as instructed by the S.O or OIC			
H23	Remove all existing defective timber flooring finishes including associated anchillary fixings anad the	m2	\$	10.0
	likes using approved hand and / or low-powered tools; inclusive of diposing hacked materials and /			
	or finishes off-site to an approved dumping area; cleaning and preparing exposed surfaces ready for			
	re-laying new materials and / or floor finishes			
	Remove existing and replace finishings in wrought treated meranti: Floor board with T&G inclusive of all cutting; toungued; grooved and V-joined with fixings; and sanding to smooth ready to receive varnishing/timber tone finishes; as per OIC's approval and satisfaction			
H24	25mm × 75mm (1" × 3")	m2	\$	23.0
H25	25mm x 100mm (1" x 4")	m2	\$	25.0
H26	25mm x 150mm (1" x 6")	m2	\$	27.0
	Parquet flooring			
H27	Remove and hack all existing defective parquest finishes including existing mastic bedding exposing	m2	\$	10.0
	bare concrete using approved hand and/or low-powered tools; inclusive of disposing haceked			
	materials and/or finishes off-site to approved dumping area; cleaning and preparing exposed surfaces ready for re-laying new materials and/or floor finishes			
				To leave
		/	13	12
	ļ.,		41	-

Keterangan / Description	Unit Unit		Kadar Rate
FLOOR & WALL FINISHES (CONT'D)			
Supply, deliver and lay new 12mm thick teak patterned parquet flooring to BS4050; square edged; inclusive of fixing and bedding in mastic; sanding to smooth ready to receive varnishing/timber tone; as per OIC approval and satisfaction	m2	\$	40.00
Polypropylene Sports Floor Finishes			
Supply and install new polypropylene sports flooring surfaces approx. size: 25cm x 25cm x 12.7mm or approved equivalent inclduing painting, install strictly in accordance to manufacturer's recommendation  *Please state Alternative Brand:	m2	\$	150.00
Remove existing; supply and lay Covacrete or any technically approved equivalent which consists of preparation of existing surface, priming the surface, application of base coat (Lokcote CC & Resurfacing Powder) of estimated 3mm - 5mm thickness, placing of the selected pattern stencil design, application of the top coat (selected colour) of recommended thickness (2mm - 4mm), removal of stencil or tape, and finished with lustreseal sealer all done in accordance to	m2	\$	32.00
External Wall Cladding			
Remove existing, supply and fix into place new Alucore typeof external cladding board or any technically approved equivalent including C-channel lightweight steel framse, corrosion resistant screw, metal angle, sealant at all joints and install as per manufacturer's recommendations	m2	\$	200.00
	FLOOR & WALL FINISHES (CONT'D)  Supply, deliver and lay new 12mm thick teak patterned parquet flooring to BS4050; square edged; inclusive of fixing and bedding in mastic; sanding to smooth ready to receive varnishing/timber tone; as per OIC approval and satisfaction  Polypropylene Sports Floor Finishes  Supply and install new polypropylene sports flooring surfaces approx. size: 25cm x 25cm x 12.7mm or approved equivalent inclduing painting, install strictly in accordance to manufacturer's recommendation  *Please state Alternative Brand:  Remove existing; supply and lay Covacrete or any technically approved equivalent which consists of preparation of existing surface, priming the surface, application of base coat (Lokcote CC & Resurfacing Powder) of estimated 3mm - 5mm thickness, placing of the selected pattern stencil design, application of the top coat (selected colour) of recommended thickness (2mm - 4mm), removal of stencil or tape, and finished with lustreseal sealer all done in accordance to  External Wall Cladding  Remove existing, supply and fix into place new Alucore typeof external cladding board or any technically approved equivalent including C-channel lightweight steel framse, corrosion resistant	FLOOR & WALL FINISHES (CONT'D)  Supply, deliver and lay new 12mm thick teak patterned parquet flooring to BS4050; square edged; inclusive of fixing and bedding in mastic; sanding to smooth ready to receive varnishing/timber tone; as per OIC approval and satisfaction  Polypropylene Sports Floor Finishes  Supply and Install new polypropylene sports flooring surfaces approx. size: 25cm x 25cm x 12.7mm or approved equivalent inclduing painting, install strictly in accordance to manufacturer's recommendation  *Please state Alternative Brand:  Remove existing; supply and lay Covacrete or any technically approved equivalent which consists of preparation of existing surface, priming the surface, application of base coat (Lokcote CC & Resurfacing Powder) of estimated 3mm - 5mm thickness, placing of the selected pattern stencil design, application of the top coat (selected colour) of recommended thickness (2mm - 4mm), removal of stencil or tape, and finished with lustreseal sealer all done in accordance to  External Wall Cladding  Remove existing, supply and fix into place new Alucore typeof external cladding board or any technically approved equivalent including C-channel lightweight steel framse, corrosion resistant	FLOOR & WALL FINISHES (CONT'D)  Supply, deliver and lay new 12mm thick teak patterned parquet flooring to BS4050; square edged; inclusive of fixing and bedding in mastic; sanding to smooth ready to receive varnishing/timber tone; as per OIC approval and satisfaction  Polypropylene Sports Floor Finishes  Supply and install new polypropylene sports flooring surfaces approx. size: 25cm x 25cm x 12.7mm or approved equivalent inclduing painting, install strictly in accordance to manufacturer's recommendation  *Please state Alternative Brand:  Remove existing; supply and lay Covacrete or any technically approved equivalent which consists of preparation of existing surface, priming the surface, application of base coat (Lokcote CC & Resurfacing Powder) of estimated 3mm - 5mm thickness, placing of the selected pattern stencil design, application of the top coat (selected colour) of recommended thickness (2mm - 4mm), removal of stencil or tape, and finished with lustreseal sealer all done in accordance to  External Wall Cladding  Remove existing, supply and fix into place new Alucore typeof external cladding board or any technically approved equivalent including C-channel lightweight steel framse, corrosion resistant



Item	Keterangan / Description	Unit	1	Kadar
No.		Unit	-	Rate
ï	PAINTING WORKS			
11	Prepare existing surfaces by cleaning and removing all dirt and loose particles, seal up any cracks of	m2	\$	2.5
	joints in cement, remove rust, miliscales, oil / grease and contaminants for metal, repair and fill			
	wood surfaces with appropriate wood filler and sand down with abrasive paper to smooth surfaces			
	Concrete, cement board, gypsum, wood, metal, aluminium surfaces and the like;			
12	One coat NIPPON Vinitex 5101* or Bodalec 9000* (Primer exterior / Plastered)	m2	s	1.3
13	One coat NIPPON Weatherbond* (finishsing for exterior / Plastered)	m2	5	2.8
14	One coat NIPPON Bodalec 9000* (undercoat for wood & metal)	m2	\$	2.8
15	One coat NIPPON Bodalec 9000* (finishing for wood & metal)	m2	5	2.8
16	One coat NIPPON Timberlac* (finishing for wood)	m2	5	3.0
17	One coat NIPPON Vinilex 5170* (Primer for interior / gypsum / plastered)	m2	Š	1.4
18	One coat NIPPON Vinilex 5000* (low odour finishing for interior / gypsum / plastered)	m2	\$	2.8
19	One coat NIPPON Vinyl Silk* (finishing for interior / gypsum / plastered)	m2	Š	3.0
110	One coat NIPPON 3-in-1 medifresh* (finishing for interior / gypsum / plastered)	m2	\$	3.5
111	One coat NIPPON RoofGuard* (finishing for roof)	m2	S	3.5
				-
	*Or Approved Equivalent			
	Warranty shall be accompanied by a written warranty issued by contractor,			
	guaranteeing for the entire works including materials free from defects for a period			
	of not less than five years			
ı	WATERPROOFING			
	Note:-			
	TEN (10) YEARS GUARANTEE ON WATERPROOFING SYSTEM WORKS			
	Each waterproofing system quoted shall be accompanied by a written warranty to the effect that			
	the waterproofing system supplied and installed by the authorised installer will be waterproofed			
	for a minimum period of ten (10) years, commencing from the date of practical completion of the works.			
	All waterproofing work shall be carried out by MOD registered waterproofing contractor with an			
	KPB02 category and all work should have complied with the ABCI standard's specification and			
	procedure and cost of endorsement of the complete work be done by the contractors and			
	deemed to be included in their pricings.			
	Waterproofing to metal surfaces			
	(BRAND: FOSROC or approved equivalent)			
J1	To clean and remove all rust, dirt and grease using high pressure water jet and / or using	m2	\$	9.
	appropriate solvent and apply one coat of rust inhibitive primer			
	(SDAND, STO, DCNSO		1	
	(BRAND: STO, DENSO or approved equivalent)		1	
12	To apply one coat of metal primer to cleaned corroded surface all in accordance with the	m2	\$	8.
	manufacturer's instructions abd specifications			
13	To apply and lay monolithic brush on type waterproofing membrane inclusive one layer of	m2	\$	40.
	reinforcement to metal surface all in accordance with the manufacturer's instructions and		1	
	specifications			



No.	Keterangan / Description	Unit	Kadar Rate
J	WATERPROOFING (CONT'D)		
	Waterproofing (tanking system for toilets, bathrooms, kitchens, verandahs and the like (con'td)		
	(Brand: CEMENTON, FOSROC, STO or approved equivalent)		
J4	To hack out existing floor tiles up to 50mm thick from existing floor screed and 200mm high skirting inclusive of cleaning exposed surfaces to receive new finishes	m2	\$ 6.0
JS	To lay 2 coats of different colour monolithic brush on the type waterproofing membrane system to sound cleaned and exposed concrete floor surfaces inclusive up to 200mm high exposed skirting surface, all in accordance with the manufacturer's instructions and specification	m2	\$ 29.0
J6	To lay up to 25mm thick cement screed (1:3 mix) over the waterproofing membrane to falls	m2	\$ 9.0
J7	Flex-lac PUW waterborne 100% aliphatic clear waterproofing or approved equivalent	m2	\$ 32.0
	Flood Infusion Waterproofing Treatment for Toilets, Bathrooms, Kitchens, Verandahs and the		
	(Brand: Estop Easyproof or equivalent)		
	Note:-		
	TEN (10) YEARS MINIMUM WARRANTY ON WATERPROOFING SYSTEM WORKS		
J8	To supply and apply the flood infusion treatment waterproofing including all necessary preparation work, materials, accessories for successful completion of work as per manufacturer instruction and by authorised applicatior, all as directed by the OIC	m2	\$ 35.0
	Waterproofing to gutter / flat roof and the like		
19	To clean all surfaces using high pressure water by means of water jetting and / or using appropriate solvent. Rate shall include to remove all dirt, grase and existing membrane debris until bare concrete appears. Rate shall also include to locate and seal all cracks with light weight mortar	m2	\$ 6.0
J10	To prime bare conrete surface with one coat of elastormeric acrylic waterproofing polymers primer	m2	\$ 14.0
J11	To lay 50mm to 75mm thick cement screed (1:3 mix) to the existing flat roof / gutter, laid to fall and should be roughened to provide better bonding on the fresh screed, all to OIC satisfaction	m2	\$ 17.0
	To lay 2 coats of different colour monolithic "BRUSH ON ACRYLIC" type waterproofing membrane system inclusive one layer of reinforcement, all in accordance with the manufacturer's instruction		
J12	Flat Roof	m2	\$ 33.0
J13	Flat roof, side and bottom of gutter	m2	\$ 40.0
J14	Skirting not exceeding 200mm high	m2	\$ 8.0
J15	To lay "Flex-lac PUW waterborne" 100% aliphatic polyurethane clear waterproofing or equivalent and approved type	m2	\$ 32.0
	To lay "TORCH ON" type waterproofing membrane all in accordance with the manufacturer's instructions and specification		
J16	Flat roof, side and bottom of gutter	m2	\$ 40.0
J17	Skirting not exceeding 200mm high	m2	\$ 9.0



Item	Keterangan / Description	Unit		Kadar
No.		Unit	+-	Rate
1	WATERPROOFING (CONT'D)			
	Crack lines			
J19	Hack and clean all crack line to wall, ceiling, etc. and prepare surfaces to receive mortar	m	\$	2.0
J20	Hack and clean crack line with air jet, insert injection ports at interval and seal up cracks line with Epoxy light weight mortar	m	\$	5.0
J21	Inject Epoxy Resin starting from the bottom / first injection port until it flows to the adjacent port inclusive of removing the ports and patch up all irregulaities	m	\$	35.0
J22	Repair cracks by patch repair with polymer modifies mortar including applying bonding agent to newly hacked surfaces	m	\$	18.0
K	GLAZING			
	Remove existing, supply and install new glazing complete with fittings / accessories and all necessary works to existing frame;			
	Clear sheet glass to B.S 952			
K1	6mm thick Glaze to timber with timber breads	m2	\$	45.0
K2	6mm thick Glaze to metal with neoprene gaskets	m2	\$	39.0
0220	Light tinted sheet glass to B.5 952	2		152010
КЗ	6mm thick Glaze to timber with timber breads	m2	\$	47.0
K4	6mm thick Glaze to metal with neoprene gaskets	m2	\$	41.0
	Opaque sheet glass to B.S 952			
K5	6mm thick Glaze to timber with timber breads	m2	\$	49.0
K6	6mm thick Glaze to metal with neoprene gaskets	m2	\$	43.0
0.722	Reinforced sheet glass to B.S 952	00002		
K7	6mm theik Glaze to timber with timber breads	m2	\$	55.0
K8	6mm thick Glaze to metal with neoprene gaskets	m2	\$	49.0
L	RAINWATER GOODS			
	Remove existing, supply and install; UPVC rainwater downpipe with solvent welded joints complete with bends, branches; bracketed off walls with pipe clips and any necessary bends, branches, shoes etc.			
LI	100mm diameter	m	\$	13.0
L2	150mm diameter	m	\$	20.0
	Remove existing, supply and install gutter outlet with spigots for pipe			
L3	100mm diameter pipe	No.	\$	40.9
L4	150mm diameter pipe	No.	\$	61.9
	Hack existing concrete or cut into metal gutter and cast into concrete including all necessary			
L5	formwork 100mm diameter	m	\$	15.0
L6	150mm diameter	m	\$	22.0
L7	Refix and repair to loose / dented metal roof flashing / fascia including all accessories	m	\$	3.



No.	Keterangan / Description	Unit		Kadar Rate
140.		Onit	-	nate
L	RAINWATER GOODS (CONT'D)			
L8	To rectify roof leakage and the likes such as ridge capping, falshing etc, by applying roof sealant, fixing of any peel-off roof and capping, replacement of any non-working fixing accessories to assure that no more leakages found as per OIC instructions and client satisfaction	Lot	\$	50.0
L9	Repair to leaking; metal roof; UPVC gutter; metal gutter with sealant to all bolt heads and leaking joints / gap and replacing / refixing existing ridge capping and tightening all roof connection and apply CPRU approved waterproofing coatings to surfaces of roof / internal of gutter	m2	\$	50.0
L10	Remove existing damaged UPVC or metal gutter, downpipes, etc. and dispose offsite and prepare existing roof structure to receive new finishing	m	\$	3.0
L11	Remove and replace with new UPVC gutter similar to existing and / or as in accordance with OIC's instructions. Fixing on and including galvanised steel brackets and make good to affected surfaces	m	\$	29.0
L12	Remove and replace with new metal gutter similar to existing and / or as in accordance with OIC's instructions. Fixing on and including galvanised steel brackets and make good to affected surfaces	m	\$	35.0
L13	Replacement of Roof Flashing complete with fixing accessoroes all in accordance to manufacturer's detail and specification	m	\$	35.0
М	CARPENTRY WORKS			
	Removal of existing timber and replace with new sawn, treated Kapur Bukit structural timbers; including 2 coats of wood preservative  Roof trusses, pitched roofs, ceiling joists, partition frame, batten and the likes			
M1	50mm x 50mm (2" x 2")	m	5	2.5
M2	50mm x 75mm (2" x 3")	m	\$	3.5
МЗ	50mm x 100mm (2" x 4")	m	\$	5.0
M4	50mm x 125mm (2" x 5")	m	\$	6.0
M5	50mm x 150mm (2" x 6")	m	\$	7.0
	Removal of existing timber and replace with new sawn, treated Kapur Bukit structural timbers;			
	including 2 coats of wood preservative  Roof boards, fillets grounds, batten, skirting, framing and the likes			
M6	25mm x 25mm (1" x 1")	m	\$	1.5
M7	25mm x 50mm (1" x 2")	m	\$	2.0
M8	25mm x 75mm (1" x 3")	m	\$	3.0
M9	25mm x 100mm (1" x 4")	m	5	4.0
M10	25mm x 150mm (1" x 6")	m	\$	6.0
M11	25mm x 200mm (1" x 8")	m	\$	7.0
M12	50mm x 200mm (2" x 8")	m	\$	9.0
	Removal of existing timber and replace with new wrought, treated Kapur Bukit structural			
	timbers; including 2 coats of wood preservative			
M13	Roof boards, fillets grounds, batten, skirting, framing and the likes 25mm x 25mm (1" x 1")	m	\$	1.0
M14	25mm x 25mm (1" x 1") 25mm x 50mm (1" x 2")	m	\$	1.5
M15	25mm x 75mm (1" x 2")	m	\$	2.5
M16	25mm x 100mm (1" x 4")	m	Š	3.5
M17	25mm x 150mm (1" x 6")	m	\$	5.5
-	25mm x 200mm (1" x 8")	m	\$	6.5
M18				



Mo.	Keterangan / Description	Unit	1 '	Kadar
м		Unit		Rate
WI .	CARPENTRY WORKS (CONT'D)			
	CARPENTRY WORRS (CONT D)		1	
	Removal of existing timber and replace with new wrought, treated Selangan Batu structural		1	
	timbers; including 2 coats of wood preservative			
	25mm x 200mm (1" x 8")	m	\$	15.0
	50mm x 50mm (2" x 2")	m	\$	2.
1755	50mm x 75mm (2" x 3")	m	\$	3.
	50mm x 100mm (2" x 4")	m	\$	7.
	50mm x 125mm (2" x 5")	m	\$	8. 9.
- 1	50mm x 150mm (2" x 6") 100mm x 100mm (4" x 4")	m m	\$	10.
35/22/01	150mm x 150mm (4 x 4 7)	m	\$	20.
	Temporary removal of suspended ceilings and the likes			
	To temporary remove, put and store safety aside existing suspended ceilings and likes; including	m2	5	10.
new	refixing and reinstalling back to original areas / locations	IIIZ	,	10.
	Fascia board and the likes			
/129	Refix and repair loose fascia board including other necessary works and accessories required	m	\$	4.
/30	Remove and replace existing fascia board with new to match existing including other necessary	m	\$	6
	works and accessories required			
	Ceilling and Wall boarding			
	Remove, supply and fix ceiling / wall to existing frame including taping and a 3mm coat of fine			
1-000	gypsum plaster at all joints			
	Softboard	m2	\$	13
2013207	6mm thick Gypsum board	m2	S	18
	9mm thick Gypsum board	m2	\$	21
134	12mm thick Gypsum board	m2	\$	23
135	Cement board	m2	5	15 20
/136 /137	5 mm thick Duravent ceiling	m2	\$	12
137	5.2mm thick Plywood 12mm thick Plywood	m2 m2	\$	18
	Remove, supply and fix ceiling / wall including GI framing system complete with all necessary			
	runners, cross runners, wall angles. Road hangers and hanging wire taping and a 3mm coat of fine			
	gypsum plaster at all joints			
139	Softboard	m2	s	15
	6mm thick Gypsum board	m2	Š	23
2000	9mm thick Gypsum board	m2	\$	26
140	12mm thick Gypsum board	m2	\$	28
140 141				
/40 /41 /42		m2		23
/40 //41	Cement board  Smm thick Duravent ceiling	m2 m2	\$	
140 141 142 143	Cement board		\$	23 25
140 141 142 143 144	Cement board Smm thick Duravent ceiling	m2	\$	23



Item	Keterangan / Description	Unit		Kadar
No.		Unit	-	Rate
M	CARPENTRY WORKS (CONT'D)			
200			1	
	Remove and supply;			
M48	Construction of timber partition consists of 50mm x 100m timber framing at 1200mm centre both	m2	\$	35.0
	way and lined both faces with 12mm plywood to BS1088			
M49	Contsruction of gypsum board partition consists of GI framing and lined both faces with 12mm	m2	\$	28.
	gypsum board including filling all nail holes smooth, taping and plastering all joining		1	201
M50	9mm thick masterciad for external wall	m <sup>2</sup>		20.6
VIOU	Smith thick masterciad for external wall	m2	\$	38.0
	Remove, supply and fix plaster glass cornice			
M51	50mm thick	m	\$	8.
M52	100mm thick	m	\$	13.
N	JOINERY			
	Doors			
	MANUEL STATE OF THE STATE OF TH		1	
	Repair existing solid / flush door inclusive 5mm thick plywood on bothsides glued and nailed to the			
	frames and the other necessary repair works required			
N1	± 38mm × 915mm × 2134mm	No.	\$	23.
N2	General	m2	\$	11.
	Remove existing, supply and install; solid panelled doors generally constructed in red meranti;			
	complete with approved painting			
N3	Single leaf	No.	\$	150.
N4	Single leaf with size of less than 900mm x 2100mm	No.	\$	120.
N5	Double equal leaf	No.	\$	300.
N6	Double unequal leaf	No.	\$	230.
	ditto; complete with approved painting, framing, jambs, hinges and any necessary fittings			
N7	Single leaf	No.	\$	200.
N8	Single leaf with size of less than 900mm x 2100mm	No.	5	170.
N9	Double equal leaf	No.	S	350.
N10	Double unequal leaf	No.	S	280.
				200
	Remove existing, supply and install; solid panelled doors generally constructed in double plywood;			
	complete with approved painting/formica	***		
N11	Single leaf	No.	\$	120.
N12 N13	Double equal leaf	No.	\$	240.
412	Double unequal leaf	No.	,	200.
	ditto; complete with approved painting, framing, jambs, hinges and any necessary fittings			
N14	Single leaf	No.	\$	290.
N15	Double equal leaf	No.	\$	240.
N16	Double unequal leaf	No.	5	250.
	Remove existing, supply and install; Flush doors generaly constructed in teak veneered plywood;			
	complete with approved painting		1	
N17	Single leaf	No.	\$	180.
	ditto; complete with approved painting, framing, jambs, hinges and any necessary fittings			
	200 - 201 -			
V18	Single leaf	No.	\$	230.
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item	Keterangan / Description	Unit		Kadar
No.	necetaligan / Description	Unit	_	Rate
N	JOINERY (CONT'D)			
	Remove existing, supply and install; UPVC doors complete with framing, jambs, hinges and any			
	necessary fittings			
N19	Plain	No.	\$	140.0
N20	Plain with size of less than 900mm x 2100mm	No.	\$	120.0
N21	Plain with ventilated louvers	No.	\$	150.0
N22	Decorative	No.	\$	160.0
	Remove existing, supply and install; UPVC doors only complete with hinges			
N23 N24	Plain	No.	\$	110.0
	Plain with size of less than 900mm x 2100mm	No.	\$	95.0
N25 N26	Plain with ventilated louvers	No.	\$	120.0
	Decorative UMW Giornal	No.	\$	130.0
N27	UPVC jambs	No.	\$	50.0
N28	Refix and repair to loose / tilted / misaligned door panel including frame / jamb, accessories /	No.	\$	3.0
	fittings and make good works disturbed			
	Remove existing and replace with new finishings in wrought treated Kapur Bukit			
	Door frames, window frames and the likes			
129	38mm x 125mm	m	\$	9.
V30	28mm x 150mm	m	\$	10.
131	28mm x 200mm	m	\$	3.
132	50mm x 125mm	m	\$	10.
133	50mm x 150mm	m	\$	12.
	Remove existing and replace with new timber door jamb, aircond opening frames, window frames			
	and the likes including cutting, joining, painting/Varnishing and make good affected area to match			
	existing			
134	25mm x 25mm	m	\$	0.
135	25mm x 50mm	m	\$	1.
136	25mm x 75mm	m	\$	2.
137	25mm x 100mm	m	\$	2.
138	25mm x 150mm	m	\$	3.
139	25mm x 200mm	m	\$	4.
140	50mm x 50mm	m	\$	3.
141	50mm x 100mm	m	\$	4.
142	50mm x 125mm	m	\$	5.
<b>V43</b>	50mm x 150mm	m	\$	6.
	Remove existing, supply and install; Formica 0.7mm thick laminated plastic sheet; fixing with a			
	contact adhesive; color as per selected standard color			
144	Timber surfaces	m2	\$	41.
	Remove existing, supply and install; maica 0.88mm thick high pressure laminate sheet; fixing with a			
	contact adhesive; colour as per selected standard colour			
145	Timber surfaces	m2	\$	24.
	Fittings			
	Demolish existing, Construct new fittings and fixtures generally in wrought treated red meranti including assembling, fixing in position, lugging and screwing to brickworks or			
IAE	concrete, painting, decorating and ironmongery	-		225
146	Counter not exceeding 950mm (H) x 900mm (W)	m	\$	235.
147	Low level cabinet not exceeding 750mm (H) x 600mm (W)	m	\$	210.
148	Wall hung cabinet not exceeding 600mm (H) x 600mm (W)	m	\$	195.



No.	Keterangan / Description	1250035		Kadar
		Unit	-	Rate
N	JOINERY (CONT'D)			
	Demolish existing: Construct new fittings and fixtures generally in wrought treated red meranti including assembling, fixing in position, lugging and screwing to brickworks or concrete, painting, decorating and ironmongery			
N49	Benches not exceeding 500mm (H) x 500mm (W)	m	\$	185.0
N50	Cabinet up to ceiling height with a width of 600mm and approx. height of 3m	m	\$	550.0
	Refix and repair to counter / cabinet / benches or to replace fictures / fittings with new to match existing, dispose debris off-site and make good works disturbed			
N51	Frames	m	\$	1.00
N52	Surfaces / Layers	m2	\$	2.00
N53	Door	m2	\$	2.00
N54	Adjust / tighten misaligned / loose knob / hinges / door / drawer	Lot	\$	2.0
	Remove existing door and replace, fabricate and install with new Solid Nytoh decorative door with frame (model No.: Km-01) complete with 6 nos x 100mm heavy duty standard steel hinges, "TITAN" decorative lockset, "Union 5610-180" door review er and "Union" safety lockset or other approved equivalent, 2 No.s x 150mm Tow Bolt, all to match existing			
N55	Approx. size: ± 40mm x 1500mm x 2130mm, one-half leaf	set	s	450.0
N56	Approx. size: ± 40mm x 1830mm x 2130mm, double leaves	set	\$	550.0
	Remove existing door and replace with new single leaf solid glass wood panel decorative door with frame (pattern to OIC instructions and satisfaction) complete woth 3 nos x 100mm heavy duty			
	standard steel hinges, "Union" knob lockset or technically approved equivalent			
N57	Approx. size: ± 40mm x 915mm x 2100mm	set	\$	365.0
	Remove existing door and replace with new single leaf flush door consists of 25mm x 75mm internal timber framing joint together, 5mm thick plywood on both sides glued and nailed to the frames, lined with 12mm x 38mm tiber frames around door edges complete with 3 nos x 100mm brass hinges, "Union" knob (model No.: 9308) lockset or the other approved equivalent, and to suit door opening and other necessary works required as per OIC's instruction			
NEO	. 20			115.0
N58	± 38mm x 815mm x 2058mm	set	\$	115.0
N59 N60	± 38mm x 915mm x 2134mm ± 38mm x 750mm x 2100mm with 410mm x 410mm aluminium ventilation louvers and frames	set set	\$	129.0 140.0
1400	2 John A / John A 2200mm With 420mm A 420mm and mind went action to decid and matter	300		140.0
N61	Remove existing flush door and to supply and install new approved decorative 715mm x 1960mm high "Nan-Ya Type 2" PVC door complete with PVC door frame, 2 nos x 50mm chrome plated hinges, "Union" knob lockset and to fit opening to existing master Bathroom, Quest Toilet and maid's Quarter's Bathroom	Set	\$	135.0
	Remove existing, supply and fix 100mm Heavy duty steel butt hinges to B.S 1227 fixed to timber with matching screws;			
N62	Stainless steel finish	No.	\$	6.0
N63	Brass finish	No.	\$	2.0
N64	Supply and fix Union 8094 CH indicating bolt or equivalent approved	No.	\$	30.0
N65	Supply and fix Figo 587 SS or approved equivalent push button knob cylindrical lockset in brush silver finish	No.	\$	30.0
N66	Supply and fix Figo 28A5 SN lever lockset or approved equivalent in brush silver finish	No.	\$	60.0
	Supply and fix 90mm Union 8056 barrel bolt	No.	5	20.0



ltem	Keterangan / Description	Unit		Kadar
No.		Unit	-	Rate
N	JOINERY (CONT'D)			
	Remove, supply and fix 100mm Heavy duty steel butt hinges to B.S 1227 fixed to timber with			
	matching screws;		1	
168	Supply and fix 240mm Union 8056 barrel bolt	No.	\$	25.00
169	Remove, suppy and fix Union 8850SE or approved equivalent door closer	No.	\$	140.0
	Remove existing and replace with new door lockset, as stated brand or other approved equivalent including other necessary works required.			
170	Union Knob Lockset	No.	\$	21.0
171	Union Double Lockset	No.	5	80.0
172	Union Gower (model No.: 682-24-95)	No.	5	29.9
173	Union Gower (model No.: 682-13-41)	No.	\$	90.8
174	Union Safety Lockset	No.	\$	20.0
175	Union 2477 mortice sliding lock, rebated	No.	\$	38.5
176	Union Door viewer	No.	\$	8.4
177	Union butt hinges	No.	\$	4.0
78	150mm door's Tow bolt	No.	\$	5.0
179	Union 8052 Flush Bolt, 150mm long	No.	\$	25.2
180	Union 8052 Flush Bolt, 200mm long	No.	\$	30.4
	Remove existing, supply and instal; Arheitectural ironmongery fixed to timber or metal with			
	matching screws			
	Push plates; kicking plates with holes for lockset		1.	
81	300mm x 200mm x 2mm	No.	\$	30.0
182	900mm x 200mm x 2mm	No.	\$	75.0
	Sundry Ironmongery			
	Remove existing, supply and install;			
183	Union 7400 Door stops or approved equivalent; fixing to walls or floors	No.	\$	11.0
184 185	Rubber Door stops; fixing to walls or floors anodised aluminium crescent lock for sliding window	No.	\$	2.5 3.0
186	anodised aluminium crescent lock for sliding window anodised aluminium lever lock for window	No.	\$	5.0
87	mild steel dowels; letting into foot of timber frame / metal frame and concrete floor	No.	\$	1.2
0	METAL WORKS			
	General repair to exisiting anodised Swing / Sliding / Top hung / Side Hung Doors/Windows and the			
01	likes General repair to existing anodised aluminium louvre door / window including making good to	No.	\$	10.0
	damaged items / parts including replacing of all necessary acessories and other fittings as per OIC's		1	10.0
	instructions			
	Replacement of new Aluminium Swing / Sliding / Top Hung / Side Hung Doors/			
	Windows and related accessories			
	Remove existing and replace with new accessories to aluminium sliding doors / windows ancillaries		1	
	/ accessories and the likes including other necessary works required			
02	"RELIANCE " Sliding door lockset , or other approved equivalent	No.	\$	8.7
03	Aluminium Door Handles	No.	\$	43.7
04	Running Rollers	No.	\$	5.7
05	Running Track	No.	\$	15.0
06	Hinges	No.	5	5.0
07	Aluminium Strips	m	\$	5.0
08	Neoprene Gasket	m	\$	3.0
09	Window Lock/Handle	No.	\$	8.0
	1		1	



No.	Keterangan / Description	Unit		Kadar Rate
0	METAL WORKS (CONTIN)			
010	METAL WORKS (CONT'D)  Remove and reinstall existing aluminium glass wall partition / sliding door / sliding window / casement window / top hung / folded / side hung / flow wind window complete to new location with aluminium frame, hinges, running rollers, lockset, handle, aluminium beadsand vinyl or neoprene generally	m2	\$	15.0
	Remove existing, supply and install Aluminium alloy windows, doors and screens generally to B.S.  4873 complete with all necessary frame, neoprene gaskets, glazing, glazing beads, fixing devices and sealed all round			
011	anodised aluminium door complete with frame, hinges, lockset and any necessary accessories	m2	\$	180.0
012	anodised aluminium door with 6mm thick half glass complet ewith frame, hinges, lockset and any necessary accessories	m2	\$	135.0
013	anodised aluminium louvers door complete with frmae, hinges, lockset and any necessary accessories	m2	\$	190.0
	Remove existing and replace with new Aluminium Louver Door (Swing type) complete woth aluminium frame, hinges, handle, lockset, stopper and other necessary works required to match existing			
014	Generally	m2	\$	185.0
015 016	± 38mm x 700mm x 2100mm	Set	\$	275.0 9.0
016	Extra over, for reverse printing signage on and including 300mm x 150mm x 6mm thick acrylic base with ±80mm high text (Footlight mT Light)	No.	5	
017	Reverse printing signage on 6mm thick acrylic base, Footlight mT Light font/text, fixing to wall or door, colour and font height/content to OIC approval; Generally	m2	3	200.0
018	Remove existing, fabricate and install clear and/or tinted glass sliding door with frame including glazing, glazing bead and neoprene gasket c/w lockset and fastener	m2	\$	90.
019	Remove existing, fabricate and install swing door glazed with 6mm clear and/or tinted glass including glazing bead and neoprene gasket c/w fram, lockset and fastener	m2	\$	90.0
020	Remove existing, supply and install; powder coated aluminium door glazed with 6mm clear glass c/w glazing beads including gaskets, waterproof cement frout all in accordance with manufacturer's detail	m2	\$	190.0
021	repair and fix loose/tilted/misaligned sliding window frames by joining or fastening with rivets including all fittings/accessories and make good work disturbed	No.	\$	1.0
	Remove existing and replace with new aluminium sliding door / sliding window / casement window / top hung / folded / side hung / flow wind window complete with aluminium frame, hinges, running rollers, lockset, handle, aluminium beadsand vinyl or neoprene			
022	6mm thick Clear glass	m2	\$	167.0
023	6mm thick Tinted glass	m2	5	170.0
024	6mm thick Obscured glass	m2	\$	170.0
	Remove existing and replace with new adjustable aluminium naco louvre window frame with clips for 150mm blades, fixing with screws, (glazing measure separately)			
025	5 blades	Set	\$	10.
026	7 blades	Set	S	12.
027	8 blades	Set	\$	14.
	Remove existing and replace with new ± 6mm thick float glass to 150mm wide louvre window frames, to match existing using			
028	Clear / Obscured glass	No.	5	3.0
029	Tinted glass	No.	\$	3.5



Item	Keterangan / Description	Unit		Kadar
No.	neterangan / Description	Unit		Rate
0	METAL WORKS (CONT'D)			
	METAL WORKS (GOVI D)			
	Remove existing and replace with new ± 6mm thick glass panel to aluminium frame with aluminium		1	
	beads and vinyl or neoprene gaskets for sliding door / sliding window / top hung window, to match		1	
	existing using			
030	Clear / Obscured glass	No.	\$	25.0
031	Tinted glass	No.	\$	33.0
032	Reflective glass	No.	\$	56.0
	Remove existing, supply and install; anodised aluminium alloy with frmae; glazed with 5mm clear			
	and/or light tinted glass, neoprene gasket and all accessories		1	
033	Sliding window	m2	\$	75.0
034	Fixed window	m2	\$	75.0
035	Top hung	m2	\$	85.0
036	Casement window	m2	\$	85.0
	Demonstrating example and install. Decodes another about the second of t			
	Remove existing, supply and install; Powder coated aluminium extruded frame infilled with 6mm tinted reflective glass c/w glazing beads including gaskets, waterproof cement grout all in		1	
	accordance with manufacturer's detail			
037	Sliding window	m2	\$	145.0
038	Fixed window	m2	5	145.0
039	Top hung	m2	\$	175.0
040	Casement window	m2	5	175.0
	Powder coated aluminium extruded frame infilled with 6mm tinted reflective glass c/w glazing		1	
	beads including gaskets, waterproof cement grout all in accordance with manufacturer's detail			
041	Remove existing, fabricate and install fixed new adonised aluminium louvre panel with 150mm	m2	s	190.0
	wide fixed louvres every 100mm centres complete with framing	1112	1	130.1
042	Remove existing, supply and install; Powder coated aluminium sun breaker including frame and	m2	s	198.0
	other accessories	1,112	-	230.0
043	Remove existing, fabricate and install Amplimesh aluminium security grille including framing	m2	\$	161.0
044	Remove existing, fabricate and install sliding security grille to door consists of 25mm x 50mm THS	m2	\$	95.0
	frmae infilled with 9mm round mS bar c/w frame, track roller and guide, locksets etc			
045	Remove existing, fabricate and install stainless sliding gate consists of 25mm x 50mm RHS frame	m2	s	105.0
	infilled with 25mm SHS c/w frame, trake roller and guide, locksets etc	1112		100.
046	Rmove existing, fabricate and fix new aluminium roller shutter including electric motor with wiring	m2	\$	450.0
	and control panel			
047	Remove existing, fabricate and fix new aluminium roller shutter including connection to existing	m2	\$	300.0
-	electric motor	,,,,,	.*	500.
048	Remove existing, fabricate and fix new aluminium roller shutter (manual mechanism type) including	m2	\$	300.0
	all other accessories			
049	Remove existing, fabricate and fix new stainless steel flag pole 8000mm high; consists of 75mm	No.	\$	1,500.0
043	diameter lower-half, 50mm diameter upper-half, 75mm diameter ball, titlable bracket, pulley and	140.	3	1,300.0
	all accessories			
	Replacement of new Aluminium Channel Curtain and the likes;			
050	Repair existing aluminium channel curtain track comprising pull card, guides, returns, running	No.	s	10.0
	[18] [18] [18] [18] [18] [18] [18] [18]		1	
050	rollers and other accessories required inclusive refixing to wall			



No.	Keterangan / Description	Unit		Kadar Rate
_	METAL WORKS (CONTR)			
0	METAL WORKS (CONT'D)			
	Remove existing and replace with new aluminium curtain track complete with pull cord, guides,		1	
	returns, running rollers, supports and other accessories required including fixing to wall		1	
051	generally	m	\$	9.4
	Remove existing and replace with new aluminium curtain track accessories similar to existing			
	inclusive refixing to its original position			
052	Pully cord	m	\$	2.
053	Huides	No.	\$	3.
054	Returns	No.	\$	1.
055	Rollers	No.	\$	0.
056	Pulley	No.	\$	2.
057	Remove and reinstall existing aluminium curtain track to new location complete with pull cord, guides, returns, running rollers, supports and other accessories required including fixing to wall	m2	5	2.0
	Mosquito Netting			
	Remove existing mosquito netting only and replace with new netting including fixing, installation and painting works where necessary: make good to affected surfaces and remove all debris offsite			
058	Nylon mesh netting	m2	\$	4.
059	Aluminium mesh netting	m2	\$	7.
	Remove existing mosquito netting and frame and replace with new including fixing, installation and			
	painting works where necessary; all to match existing; make good to affected surfaces and remove			
	all debris offsite		1	
060	Nylon mesh netting with timber framing	m2	\$	8.
061	Aluminium mesh netting with aluminium framing	m2	\$	13.
	Metal Structures			
	Removal of existing metal and replace with new mild steel columns, posts, trusses, purlins, rails,			
	braces, ballusters and the like; base plate, blending, welded joints and all fixing accessories;			
	provision of necessary supports;			
	Square hollow section			
062	25mmm x 25mm	m	\$	4.
063	50mm x 50mm	m	\$	7.
064	75mm x 75mm	m	\$	10.
065	100mm x 100mm	m	\$	15.
	Rectangular hollow section			
066	50mm x 75mm	m	\$	9.
067	50mm x 100mm	m	\$	12.
068	75mm x 100mm	m	\$	13.
069	75mm x 125mm	m	\$	16.
070	100mm x 150mm	m	\$	22.
	Circular hollow section			
071	18mm Ø	m	\$	4.
072	25mm Ø	m	\$	6.
073 074	50mm Ø 100mm Ø	m	\$	20.
0/4	100mm Ø	m	,	20.

ltem	Keterangan / Description	Unit		Kadar
No.	neteringan / Sescription	Unit		Rate
0	METAL WORKS (CONT'D)			
•	METAL WORKS (GORT D)			
	Metal Structures (Cont'd)			
	Removal of existing metal and replace with new galvanised columns, posts, trusses, purlins, rails,			
	braces, ballusters and the like; base plate, blending, welded joints and all fixing accessories;			
	provision of necessary supports;			
075	Circular hollow section 18mm Ø	m	s	6.0
076	25mm Ø	m	\$	9.0
077	50mm Ø	m	\$	14.0
078	75mm Ø	m	\$	20.0
079	100mm Ø	m	\$	23.0
	Removal of existing metal and replace with new stainless steel columns, posts, trusses, purlins, rails,			
	braces, ballusters and the like; base plate, blending, welded joints and all fixing accessories;			
	provision of necessary supports;			
	Circular hollow section			
080	18mm Ø	m	\$	6.
081	25mm Ø	m	5	9.
082	50mm Ø	m	\$	14.
083	75mm Ø	m	\$	20.
084	100mm Ø	m	\$	23.
	Proprietary gratings, covers and frames			
	Remove existing, supply and install; fabricate and fix MS drain grating consists of 50mm x			
	50mm mS angle framing infilled with 9mm mS bar at 38mm centre painted			
085	Not exceeding 200mm wide	m	\$	20.0
086	Not exceeding 250mm wide	m	\$	25.
087	Not exceeding 300mm wide	m	\$	30.
088	Not exceeding 330mm wide	m	\$	33.
	Remove existing, supply and install; fabricate and fix heavy duty mS grating with 75mm x 75mm mS			
	angle framing infilled with 12mm high tensile bar at 40mm centre painted			
089	Not exceeding 200mm wide	m	\$	40.
090	Not exceeding 250mm wide	m	\$	45.
091	Not exceeding 300mm wide	m	\$	50.
092	exceeding 500mm wide	m	\$	60.
	Remove existing; supply and lay new m.s grating comprising of 50mm x 10mm thick flat bar as_			
	perimeter framing welded with two 50mm x 6mm thick flat hinge; infilled with 50mm x 10mm thick		1	
	flats at 50mm centre; 50mm x 50mm x 6mm thick angle frame on one side and 100mm x 50mm x		1	
	6mm thick angle frame on the other side welded with 16mm diameter high tensile steel pin		1	
	connecting to hinges; R10hook fillets cast into reinforced conrete drain wall at 300mm centres with		1	
	one end welded angle frame; including hacking and making good to existing R.C drain wall;		1	
	complete with approved painting; all to OIC's instructions and approval			
093	Not exceeding 300mm wide drain	m	5	111
094	generally	m2	5	370.
			[	



No.	Keterangan / Description	Unit		Kadar Rate
0	METAL WORKS (CONT'D)	Onic		note
095	Remove existing, fabricate and install MS security grille to window consists of 25mm x 25mm SHS frame infilled with;  9mm round bar in diamond pattern spaced 100mm horizontally and 150mm vertically, all joints	m2	\$	77.5
	welded, complete with priming, painting and other necessary works required			
096	20mm x 4mm flat in brick pattern	m2	\$	77.5
097	Remove existing, fabricate and install swing MS security grille door consists of 25mm x 50mm RHS frame infilled with 9mm round mS bar c/w frame, hinges, locksets etc	m2	\$	95.0
O98	Remove existing, fabricate and install swing type MS securitygrille to door consists of 25mm x 75mm x 3mm hollow section as outer frame, infilled with 9mm round bar in diamond shape pattern spaced 100mm horizontally and 150mm vertically, all joints welded, complete with angle bar frame, lockset, hinges, priming, painting and other necessary works required	m2	s	150.0
099	Remove existing, fabricate and install sliding type MS security grille to door consists of 25mm x 75mm x 3mm hollow section as oter frame, infilled with 9mm round bar in diamond shape pettern spaced 100mm horizontally and 150mm vertically, all joints welded, complete with rails, track, rollers, lockset, hinges. priming, painting and other necessary works required	m2	s	200.0
0100	Remove existing, fabricate and install MS collapsible gate including running track, lockset and other necessary accessories	m2	\$	130.0
0101	Repair and fix loose / tiltled / misaligned sliding security grille inlcuding running track by adjusting or tightening existing accessories and fittings or to replace with new and make good work disturbed.	Lot	\$	10.0
0102	General repair to existing rubbish chute's door to smooth opening and good working condition including replacement of new botls, welding works, painting works and other necessary works reuqired	No.	s	30.0
	Remove existing and fabricate and install new double leaf in two equal leaves Aluminium Rubbish door including handle, bolts, hinges, stopper, welding works (where necessary), locksets, painting works, making good to affected surfaces, remove all debris offsite and other necessary works required			
0103	1580mm x 720mm generally	No. m2	\$	340.0
	Remove existing and fabricate and install new stainless steel Rubbish Chute's Door including handle, bolts, hinges, stopper, welding works (where necessary), locksets, painting works, making good to affected surfaces, remove all debris offsite and other necessary works required			
0105	generally	No.	5	80.
0106	Remove existing and fabricate and install new heavy duty stainless steel hinges, welded to door and frame, all to OIC approval	m	\$	30.0
	Scupper drain_			
0107	To hack and form shallow scupper drain 100mm - 150mm wide including tiling if necessary and all necessary works	m	\$	10.
	ė:			



Item	Keterangan / Description	Unit		Kadar
No.	Keterangan / Description	Unit		Rate
0	METAL WORKS (CONT'D)			
	Remove existing, supply and install the following: Fabricate and fix new metal		1	
	handrail 1100mm high; complete with welded joints, plates, covering plates, botls,			
	cast into concrete; make good works disturbed;			
	mild steel handrail consists of 75mm x 50mm x top rail and bottom rail and post at 2000mm centre			
	with 9mm x 9mm solid mS baluster at 100mm c/c		1	
0108	Corridor	m	\$	60.0
0109	Staircase	m	\$	62.0
	Carlotte 14 (Carlotte 14 (Carlo			
	Stainless steel (Gradae 316) handrail consists of 50mm top rail and post at 200mm centre and		1	
0110	38mm bottom rail infilled with 18mm baluster at 100mm centre	1222		4 4 0 0
0110	Corridor	m	\$	140.0
0111	Staircase	m	\$	142.0
	Galvanised iron handrail consists of 50mm x 25mm top rail and bottom rail and post at 2000mm			
	centre with 9mm x 9mm solid mS baluster at 100mm c/c			
0112		m	\$	80.0
0113	Staircase	m	5	82.0
10 Maria		729		
0114		No.	\$	20.0
	additional posts, balustrade, reinforcement complete with welded joints, plates, covering plates,		1	
	bolts, cast into concrete and all necessary works and make good works disturbed			
	Remove, supply and install metal plate cover and all necessary works and make good works			
	disturbed			
0115	mild steel	m2	\$	8.0
0116	aluminium	m2	\$	12.0
0117	stainless steel	m2	\$	16.0
	Remove, supply and install mild steel 'L' angle bar and all necessary works and make good		1	
2002	works disturbed		١.	1000
	25mm / 25mm x 3mm thick	m	\$	2.1
0119	40mm / 40mm x 5mm thick	m	\$	4.5
0120	50mm / 50mm x 5mm thick	m	\$	7.8
P	FENCING WORKS			
	Remove existing, supply, fix and install the following:			
P1	SWG 8 PVC coated fencing mesh including 3 nos starining wire, clips and other accessories	m2	\$	14.0
P2	SWG 12 galvanised fencing mesh including 3 nos straining wore, clips and other accessories	m2	\$	13.0
P3	50mm x 1800mm long lionmesh hot dip galvanised fencing post with anti-climb clank top with 3	No.	\$	35.0
	nos eye for barbed wire			
P4	50mm x 1800mm long lionmesh hot dip galvanised fencing post with anti-climb clank top with 4	No.	\$	36.0
	nos eye for barbed wire			
P5	50mm x 2500mm long lionmesh hot dip galvanised fencing post with anti-climb clank top with 3	No.	\$	40.0
	nos eye for barbed wire			
P6	50mm x 2500mm long lionmesh hot dip galvanised fencing post with anti-climb clank top with 4	No.	\$	41.0
D7	nos eye for barbed wire			4407
P7	Lionmesh or equivalent fencing panel overall size 2400mm long x 1800mm high with 6.5mm bar and fixing clip complete	No.	\$	110.0
P8	Double leaf swing gate size 6400mm wide x 1800mm high including 100mm GI post complete	Set	\$	2,100.0
P9	1000mm wide x 1800mm high pedestrian gate including 100mm GI post complete	No.	\$	350.0
			1	



Item	Keterangan / Description	Unit		Kadar
No.	neteraligan / Description	Unit	_	Rate
P	FENCING WORKS (CONT'D)			
	Remove existing, supply, fix and install the following:			
P10	Fabricate and install mS double-leaf gate consists of 75mm x 75mm x 6mm MS angle frame and	Set	5	1,900.0
	cross bracing infilled with SWG 8 gauge GI fencing mesh including 100mm diameter post overall size	Jet	1 "	1,500.0
	6400mm wide x 1800mm high painted			
P11	Fabricate and install mS double-leaf gate consists of 75mm x 75mm x 6mm mS angle frame and	Set	5	2,200.0
	cross bracing infilled with SWG 12 gauge GI fencing mesh including 100mm diameter post overall		1 5	0.0
	size 6400mm wide x 1800mm high painted			
P12	Fabricate and install MS 1000mm wide x 1800mm high pedestrian gate including 100mm diameter	No.	\$	300.0
	post			
P13	Supply and fix galvanised mild steel barbed wire	m	\$	3.0
P14	Refix and repair to loose / disjointed /misaligned / tilted fencing mesh / panel / post by welding or	No.	\$	10.0
	tightening existing accessories and fittings or to replace with new and make good work disturbed			
Q	PLUMBING WORKS			
	UPVC Soil and Waste Pipes			
	Laying in the ground, including all necessary excavation average 300mm deep and hacking out			
	concrete floor tile / slab where necessary		1	
Q1	32mm diameter UPVC B.S 4514 solvent welded joints	m	\$	20.0
Q2	50mm diameter UPVC B.S 4514 solvent welded joints	m	\$	25.0
	Laying in the ground, including all necessary excavation average 450mm deep and hacking out concrete floor tile / slab where necessary			
Q3	75mm diameter UPVC B.S 4514 solvent welded joints	m	\$	28.0
Q4	100mm diameter UPVC B.S 4514 with ring seal or slvent welded joints	m	\$	35.0
	UPVC Soil Pipe B.S 4660 (Underground)			
Q5	Ditto but to replace 110mm diameter ( 4" ) including excavation and backfill approx. (1000m)	m	S	45.0
Q6	Ditto but to replace 160mm diameter ( 6" ) including excavation and backfill approx. (1000m)	m	\$	45.0
	UPVC soil, waste and vent pipes to B.S 4514, solvent welded joints including holder bats / hinges			
Q7	32mm diameter pipes	m	\$	6.0
Q8	50mm diameter pipes	m	\$	8.0
Q9	75mm diameter pipes	m	\$	12.0
Q10	100mm diameter pipes	m	\$	15.0
	Extra over for all necessary fittings, sockets connectors, reducers, plugs, elbows, tees, junctions and other similar pipe fittings complete with access / inspection openings			
Q11	75mm diameter UPVC B.S 4514 solvent welded joints	No.	\$	5.0
Q12	100mm diameter UPVC B.S 4514 solvent welded joints	No.	\$	7.0
			1	



PLUMBING WORKS (CONTD)   Cold Water Installation   Remove and replace with new pipe cast / chased into concrete or brickwall or bracketed off walls or soffits with pipe clips	No.	Keterangan / Description	Unit	1	Kadar Rate
Cold Water Installation Remove and replace with new pipe cast / chased into concrete or brickwall or bracketed off walls or soffits with pipe clips.  Stalniess Steel Pipes to 8.5 4327 fixed with stainless steel screwed and socketed joints fixing with an including suitable pipe clips as necessary  15 mm diameter m 5 19.1  15 Zamm diameter m 5 25.1  15 Zamm diameter m 5 25.1  15 Zamm diameter m 5 35.0  Unplasticised PVC pipes; B.S 3505 Class "E" solvent welded joints and fittings to 8.5 4346  Pipe cast / chased into correte or brickwall or bracketed off walls or soffits with pipe clips  18 12mm diameter pipes  19 120mm diameter pipes  21 2mm diameter pipes  22 2mm diameter pipes  23 2mm diameter pipes  24 32mm diameter pipes  25 3mm diameter pipes  26 3mm diameter pipes  27 3mm diameter pipes  28 3mm diameter pipes  29 3mm diameter pipes  30 3mm diameter pipes  31 3mm diameter pipes  32 40mm diameter pipes  33 5 5 6 20.0  34 32mm idameter pipes  35 6 6 30mm diameter pipes  36 6 30mm diameter main soil, waste and vent pipes  37 5 6 6 30mm diameter main soil, waste, vent and overflow pipes  48 1 30mm diameter main soil, waste, vent and overflow pipes  49 1 20mm diameter main soil, waste, vent and overflow pipes  40 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	140.		Ome		note
Remove and replace with new pipe cast / chased into concrete or brickwall or bracketed off walls or soffits with pipe clips  Stalnless Steel Pipes to 8.5 4327 fixed with stainless steel screwed and socketed joints fixing with and including suitable pipe clips as necessary  15mm diameter  42mm diameter  42mm diameter  43 2mm diameter  44 2mm diameter  45 28mm diameter  46 35mm diameter  47 5mm diameter  48 5mm diameter  49 5 50mm diameter  40 5 50mm diameter  40 5 50mm diameter pipes  40 12mm diameter pipes  40 12mm diameter pipes  41 12mm diameter pipes  42 12mm diameter pipes  43 12mm diameter pipes  44 2mm diameter pipes  45 12mm diameter pipes  46 12mm diameter pipes  47 12mm diameter pipes  48 12mm diameter pipes  49 12mm diameter pipes  40 2mm diameter pipes  41 2mm diameter pipes  42 3mm diameter pipes  43 3mm diameter pipes  44 3mm diameter pipes  45 50mm diameter pipes  46 50mm diameter pipes  47 5 60mm diameter pipes  48 3mm diameter main soil, waste and vent pipes  49 3mm diameter main soil, waste vent and overflow pipes  40 3mm diameter main soil, waste, vent and overflow pipes  40 3mm diameter main soil, waste, vent and overflow pipes  41 3mm diameter main soil, waste, vent and overflow pipes  42 2 150mm diameter main soil, waste, vent and overflow pipes  42 2 150mm diameter main soil, waste, vent and overflow pipes  43 2 150mm diameter overflow pipes  44 2 2mm diameter  45 2 2mm diameter  46 2 2mm diameter  47 2mm diameter  48 2mm diameter  49 2 2mm diameter  50 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Q	PLUMBING WORKS (CONT'D)			
		Cold Water Installation			
		Remove and replace with new pipe cast / chased into concrete or brickwall or bracketed off walls			
and including suitable pipe clips as necessary   14.1					
15mm diameter		Stainless Steel Pipes to B.S 4127 fixed with stainless steel screwed and socketed joints fixing with			
14   22mm diameter		and including suitable pipe clips as necessary			
28mm diameter   m   \$   25.1	213				14.0
35mm diameter   m   S   35.1	214			19373	
Semm diameter				100	
Pipe cast / chased into conrete or brickwall or bracketed off walls or soffits with pipe clips	217			5000	50.0
Pipe cast / chased into conrete or brickwall or bracketed off walls or soffits with pipe clips		Unplasticised PVC pipes: B.S 3505 Class "E" solvent welded joints and fittings to B.S 4346			
18 12mm diameter pipes					
120mm diameter pipes			egn.		
25mm diameter pipes   m   \$   12.1	218			1.0	
32mm diameter pipes	120				
40mm diameter pipes   m   \$ 20.1	221	The state of the s		1000	16.
Remove existing pipe and replace with new UPVC pipe including fittings to B.S 4514 to wall / floor	222		m		20.
32mm idameter main soil, waste and vent pipes	223		m	\$	25.
Somm Idameter main soil, waste, vent and overflow pipes   m   \$   8.0		Remove existing pipe and replace with new UPVC pipe including fittings to B.S 4514 to wall / floor			
75mm idameter main soil, waste, vent and overflow pipes 100mm idameter main soil, waste, vent and overflow pipes 2 150mm diameter overflow pipes  Extra over for all necessary fittings, sockets, connectors, reducaers, plugs, elbow, tees, union. Nipple, brush and other similar pipe fittings;  Copper / Stainless steel compression joints 15mm diameter 22mm diameter 28mm diameter 250mm diameter pipes  No. \$ 20.0 8 244 8 250mm diameter 2 250mm diameter pipes  No. \$ 30.0 8 5 65.0 8 65.0 8 65.0 8 65.0 8 75mm diameter 1 No. \$ 14.0 8 75mm diameter 1 No. \$ 16.0 8 75mm diameter 2 25mm diameter 3 No. \$ 16.0 8 75mm diameter 3 No. \$ 16.0 8 75mm diameter 3 No. \$ 16.0 8 75mm diameter 3 No. \$ 10.0 8 75mm diameter	224	32mm idameter main soil, waste and vent pipes	m	\$	6.0
100mm idameter main soil, waste, vent and overflow pipes   xtra over for all necessary fittings, sockets, connectors, reducaers, plugs, elbow, tees, union.   Nipple, brush and other similar pipe fittings;   Copper / Stainless steel compression joints	225	50mm idameter main soil, waste, vent and overflow pipes	m	\$	8.
2 150mm diameter overflow pipes       m       \$ 22.0         Extra over for all necessary fittings, sockets, connectors, reducaers, plugs, elbow, tees, union. Nipple, brush and other similar pipe fittings;       Copper / Stainless steel compression joints         15mm diameter       No.       \$ 20.0         22mm diameter       No.       \$ 30.0         31 2mm diameter pipes       No.       \$ 65.0         Brass compression joints       No.       \$ 14.         33 1mm diameter       No.       \$ 16.         34 2mm diameter       No.       \$ 20.0         35 2mm diameter       No.       \$ 5.0         4 2mm diameter       No.       \$ 5.0         4 2mm diameter pipes       No.       \$ 5.0         4 2mm diameter       No.       \$ 5.0         4 2mm diameter       No.       \$ 10.         37 2mm diameter       No.       \$ 10.         22mm diameter       No.       \$ 12.         22mm diameter       No.       \$ 15.	226	75mm idameter main soil, waste, vent and overflow pipes	m	\$	12.0
Extra over for all necessary fittings, sockets, connectors, reducaers, plugs, elbow, tees, union.  Nipple, brush and other similar pipe fittings:  Copper / Stainless steel compression joints  15mm diameter  No. \$ 20.0  No. \$ 24.0  No. \$ 30.0  \$ 25mm diameter  No. \$ 30.0  \$ 30.0  \$ 25mm diameter pipes  No. \$ 65.0  Brass compression joints  15mm diameter  No. \$ 14.0  22mm diameter  No. \$ 14.0  22mm diameter  No. \$ 20.0  No. \$ 55.0  Brass compression joints  15mm diameter  No. \$ 16.0  25mm diameter  No. \$ 20.0  No. \$ 16.0  25mm diameter pipes  No. \$ 16.0  25mm diameter pipes  No. \$ 10.0  25mm diameter	Q27	[전문사용] [1] [1] :	m	100	18.0
Nipple, brush and other similar pipe fittings;           Copper / Stainless steel compression joints           15mm diameter         No. \$ 20.0           30 22mm diameter         No. \$ 30.0           28mm diameter         No. \$ 30.0           32 ≥ 50mm diameter pipes         No. \$ 65.0           Brass compression joints         No. \$ 14.0           34 22mm diameter         No. \$ 16.0           35 28mm diameter         No. \$ 20.0           36 ≥ 50mm diameter pipes         No. \$ 20.0           36 ≥ 50mm diameter pipes         No. \$ 20.0           37 15mm diameter         No. \$ 55.0           UPVC compression joints         No. \$ 10.0           38 22mm diameter         No. \$ 10.0           38 22mm diameter         No. \$ 12.0           39 28mm diameter         No. \$ 12.0           39 28mm diameter         No. \$ 15.0	Q28	≥ 150mm diameter overflow pipes	m	\$	22.
29   15mm diameter   No.   \$   20.0					
22mm diameter   No.   \$   243		Copper / Stainless steel compression joints			
28mm diameter   No.   \$ 30.0   \$ 30.	229		No.	\$	20.
Brass compression joints       No.       \$ 65.0         33 15mm diameter       No.       \$ 14.0         34 22mm diameter       No.       \$ 16.0         35 28mm diameter       No.       \$ 20.0         36 ≥ 50mm diameter pipes       No.       \$ 55.0         UPVC compression joints       15mm diameter       No.       \$ 10.0         37 25mm diameter       No.       \$ 12.0         38 22mm diameter       No.       \$ 12.0         39 28mm diameter       No.       \$ 15.0	230	22mm diameter	No.	\$	24.
Brass compression joints         33       15mm diameter       No. \$ 14.         34       22mm diameter       No. \$ 16.         35       28mm diameter       No. \$ 20.         36       ≥ 50mm diameter pipes       No. \$ 55.         UPVC compression joints         15mm diameter       No. \$ 10.         38       22mm diameter       No. \$ 12.         39       28mm diameter       No. \$ 15.	Q31	28mm diameter		0.00	30.
15mm diameter   No.   \$   14.     34   22mm diameter   No.   \$   16.     35   28mm diameter   No.   \$   20.     36   ≥ 50mm diameter pipes   No.   \$   55.	Q32	≥ 50mm diameter pipes	No.	\$	65.
34       22mm diameter       No.       \$ 160         35       28mm diameter       No.       \$ 20         36       ≥ 50mm diameter pipes       No.       \$ 55         UPVC compression joints         15mm diameter       No.       \$ 10         22mm diameter       No.       \$ 12         38       22mm diameter       No.       \$ 12         28mm diameter       No.       \$ 15					
35       28mm diameter       No.       \$ 20.         36       ≥ 50mm diameter pipes       No.       \$ 55.         UPVC compression joints         15mm diameter       No.       \$ 10.         22mm diameter       No.       \$ 12.         38       22mm diameter       No.       \$ 12.         28mm diameter       No.       \$ 15.	Q33			100	
36 ≥ 50mm diameter pipes     No.     \$ 55.0       UPVC compression joints     15mm diameter     No.     \$ 10.       38 22mm diameter     No.     \$ 12.       39 28mm diameter     No.     \$ 15.	Q34			1000	
37       15mm diameter       No.       \$ 10.         38       22mm diameter       No.       \$ 12.         39       28mm diameter       No.       \$ 15.	Q36			3.150	55.
38         22mm diameter         No.         \$ 12.7           39         28mm diameter         No.         \$ 15.7		UPVC compression joints			
39 28mm diameter No. \$ 15.	Q37	15mm diameter	No.	\$	10.
TN   12 전에 15 전에	Q38	22mm diameter	No.	1000	12.
40 ≥ 50mm diameter pipes No. \$ 45.	Q39			2.7	15.
	Q40	≥ 50mm diameter pipes	No.	\$	45.



No.	Keterangan / Description	Unit		Kadar Rate
^	DI LIMBING WORKS (CONTID)			
Q	PLUMBING WORKS (CONT'D)			
	MDPE pipe to ISO 4427 / DIN 8074/8075 / mS 1058 Class PN 12.5 (12.5mPa) or other equal and			
	approved higher pipe; fittings and joints to be compression type;			
	Pipe cast / chased into concrete or brickwall or bracketed off walls or soffits with pipe clips			
241	20mm outer diameter pipes	m	\$	15.
142	25mm outer diameter pipes	m	\$	16.
143	65mm outer diameter pipes	m	\$	25.
	Extra over for all necessary fittings, sockets, connectors, reducers, plugs, elbow, tees, union, nipple.			
44	bush and other similar fittings; > 63mm outer diameter pipes	No.	s	70.
	- ostan occi danete pipes	ING.	,	70.
	MDPE pipe to ISO 4427 / DIN 8074/8075 / MS 1058 Class PN 12.5 (12.5mPa) or other equal and			
	approved higher pipe; fittings and joints to be butt fusion / compression type;			
	Laying in the ground			
45	110mm outer diameter pipes	m	\$	50.
46	125mm outer diameter pipes	m	\$	60.
	Extra over for all necessary fittings, sockets, connectors, reducers, plugs, elbow, tees, union, nipple,			
47	bush and other similar fittings; > 110mm outer diameter pipes	No	s	110
(4/	> 110mm outer diameter pipes	No.	,	110.
	Ductile iron pipe		1	
	Extra over for all necessary fittings, sockets, connectors, reducers, plugs, elbow, tees, union, nipple,			
-12	bush and other similar fittings;			222
48	100mm	m	\$	80.
149 150	150mm 200mm	m	\$	100.
(50	Zoomm.	m	,	120.
	Remove existing, supply and install; Insulated Copper pipes to B.S 2871, compression joints and			
	fittings to B.S 864			
	Pipes cast / chased into concrete or brickwall or bracketed off walls or soffits with pipe clips			
251	15mm diameter pipes	m	s	15
152	22mm diameter pipes	m	\$	20.
253	28mm diameter pipes	m	\$	26.
R	SANITARY INSTALLATION			
	Demolition / Remove existing sanitary fittings			
	To take out and remove the existing sanitary fittings complete with all brackets, hangers,			
	accessories, etc. Rate shall include provsions for temporary disconnection of existing hot and cold			
	water and soil and waste pipes and to seal off temporarily with appropriate plug / closer. Rate shall			
	also include seal off any opening temporarily so as to avoid blockages, to make good the affected			
	area to match existing and prepare to receive new sanitary fittings and to OIC's approval and			
R1	satisfaction wash basins	No.	\$	12.
R2	Vanity wash basins including hacking out and removing off reinforced concrete counters, walls, etc.	No.	5	35.
				55
R3	W.C suites complete with cistern	No.	5	35.
R4 R5	Squatting closet type including hacking and removing concrete plinths  Long bath including hacking out and removing concrete plinths / shower mixer	No.	\$	35. 35.
R6	Shower trays	No.	\$	35.
R7	Concrete water usage	No.	\$	23.



No. Keterangan / Description	Unit		Kadar Rate
R SANITARY INSTALLATION (CONT'D)			
Remove & set aside for re-use	- 0.00		
To take out, remove and set aside for re-use of existing sanitary fitting			
reassembl and rejointing together with new plugging and screwing a			
hangers, brackets, clips and any necessary fittings and connector's to			
to existing hot and cold water or soil and waste pipes. Rate shall includes a particular of existing hot and cold water or soil and waste pipes. Rate shall include a particular of existing hot and cold water or soil and waste pipes.			
disconnection of existing hot and cold water and soil wate pipes and temporarily with appropriate plug / closer. Rate shall aslo include to			
temporarily so as to avoid blockages, to make good the affected area			
debris offsite to contractor's own dump area and to OIC's approval a			
R8 wash basins	No.	s	23.0
R9 Vanity wash basins including hacking out and removing off reinforce	was and a second second and a second	\$	46.0
R10 W.C suites complete with cistern	No.	s	46.0
R11 Squatting closet type including hacking and removing concrete plints	ns No.	5	46.0
R12 Long bath including hacking out and removing concrete plinths / sho	VIII.	\$	35.0
R13 Shower trays	No.	\$	30.0
R14 Remove existing stainless steel sink unit including hacking out concre	ete bench, application of No.	\$	30.0
silicone sealant and make good disturbed	SSACTAPPARACTION (SSACRACTACA SSACRACTACA)		
R15 To supply and install new stainless steel sink unit including hacking o	ut concrete bench, application No.	\$	173.0
of silicone sealant and make good and including assembling and join	ting together, plugging and		
screwing and / or building in screws, hangers, brackets, clips and poi	nting all around with mastic or		
silicone sealant, etc. to wall and soffits and jointing to existing hot ar	nd cold water and osil and		
waste pipes with all new necessary accessories, connectors and fitting	ngs		
General repair to sanitary fittings and the likes			
R16 Refix any loose sanitary accessories such as wash basins, mirrors, bra	ockets, etc. No.	\$	5.0
To supply and install new sanitary fittings, brand as stated or other including assembling and jointing together, plugging and screwing hangers, brackets, clips and pointing all round with mastic or silico soffits and jointing to existing hot and cold water and soil and wast necessary accessories, connectors and fittings	and / or building in screws, ne sealent, etc. to wall and		
move existing and replace with new Long Bath Tub "Armitage Shank the OIC / S.O including all necessary tiling works waste and water su			
R17 White	No.	\$	296.0
Take out existing and replace with new 800mm x 800mm fiber glass	shower tray		
R18 White	No.	\$	259.0
Wash basins; vitreous china, wall hung with fixing brackets, 15mm to	ap waste, plug, chain and bold		
R19 White	Set	\$	120.0



ANITARY INSTALLATION (CONT'D)  anity wash basins; above counter typr, citreous china; concealed fixing brackets; top 1½" bead hain, waste and plug; 80mm slotted tail; bolt stay; 1½" plastic / chrome plated bottle trap with 5mm seal; fixing clips and bolts; and including to construct / making good on reinforced concrete anity counters where applicable (tiling works measured seperately)  //hite  merican Standard Kimera TF-0996 / 0792 Wash Basin : 611mm x 504mm x 830mm complete with edestal or approved equivalent  emove existing and replace with new plug & chain to wash basin / sink to match existing  emove exsiting and replace with new stainless steel laundry basin inckuding applying silicone ealent and other necessary works required ingle bowl with single drainer	Set Set Set	\$ \$	130.00 140.00
anity wash basins; above counter typr, citreous china; concealed fixing brackets; top 1½" bead hain, waste and plug; 80mm slotted tail; bolt stay; 1½" plastic / chrome plated bottle trap with 5mm seal; fixing clips and bolts; and including to construct / making good on reinforced concrete anity counters where applicable (tiling works measured seperately)  //hite  merican Standard Kimera TF-0996 / 0792 Wash Basin : 611mm x 504mm x 830mm complete with edestal or approved equivalent  emove existing and replace with new plug & chain to wash basin / sink to match existing  emove exsiting and replace with new stainless steel laundry basin inckuding applying silicone ealent and other necessary works required ngle bowl with single drainer	Set	\$	140.0
anity wash basins; above counter typr, citreous china; concealed fixing brackets; top 1½" bead hain, waste and plug; 80mm slotted tail; bolt stay; 1½" plastic / chrome plated bottle trap with 5mm seal; fixing clips and bolts; and including to construct / making good on reinforced concrete anity counters where applicable (tiling works measured seperately)  //hite  merican Standard Kimera TF-0996 / 0792 Wash Basin : 611mm x 504mm x 830mm complete with edestal or approved equivalent  emove existing and replace with new plug & chain to wash basin / sink to match existing  emove exsiting and replace with new stainless steel laundry basin inckuding applying silicone ealent and other necessary works required ngle bowl with single drainer	Set	\$	140.0
nain, waste and plug; 80mm slotted tail; bolt stay; 1%" plastic / chrome plated bottle trap with 5mm seal; fixing clips and bolts; and including to construct / making good on reinforced concrete anity counters where applicable (tiling works measured seperately)  //hite  merican Standard Kimera TF-0996 / 0792 Wash Basin : 611mm x 504mm x 830mm complete with edestal or approved equivalent  emove existing and replace with new plug & chain to wash basin / sink to match existing  emove exsiting and replace with new stainless steel laundry basin inckuding applying silicone ealent and other necessary works required ingle bowl with single drainer	Set	\$	140.0
Smm seal; fixing clips and bolts; and including to construct / making good on reinforced concrete entry counters where applicable (tiling works measured seperately)  //hite  merican Standard Kimera TF-0996 / 0792 Wash Basin : 611mm x 504mm x 830mm complete with edestal or approved equivalent  emove existing and replace with new plug & chain to wash basin / sink to match existing  emove exsiting and replace with new stainless steel laundry basin inckuding applying silicone ealent and other necessary works required ngle bowl with single drainer	Set	\$	140.0
white merican Standard Kimera TF-0996 / 0792 Wash Basin : 611mm x 504mm x 830mm complete with edestal or approved equivalent emove existing and replace with new plug & chain to wash basin / sink to match existing emove exsiting and replace with new stainless steel laundry basin inckuding applying silicone ealent and other necessary works required ngle bowl with single drainer	Set	\$	140.0
white merican Standard Kimera TF-0996 / 0792 Wash Basin : 611mm x 504mm x 830mm complete with edestal or approved equivalent emove existing and replace with new plug & chain to wash basin / sink to match existing emove exsiting and replace with new stainless steel laundry basin inckuding applying silicone ealent and other necessary works required ngle bowl with single drainer	Set	\$	140.0
merican Standard Kimera TF-0996 / 0792 Wash Basin : 611mm x 504mm x 830mm complete with edestal or approved equivalent emove existing and replace with new plug & chain to wash basin / sink to match existing emove exsiting and replace with new stainless steel laundry basin inckuding applying silicone ealent and other necessary works required ngle bowl with single drainer	Set	\$	140.0
emove existing and replace with new plug & chain to wash basin / sink to match existing  emove existing and replace with new stainless steel laundry basin inckuding applying silicone ealent and other necessary works required ingle bowl with single drainer			
emove existing and replace with new plug & chain to wash basin / sink to match existing  emove existing and replace with new stainless steel laundry basin inckuding applying silicone ealent and other necessary works required ingle bowl with single drainer			
emove exsiting and replace with new stainless steel laundry basin inckuding applying silicone ealent and other necessary works required ngle bowl with single drainer	Set	s	5.0
ealent and other necessary works required ingle bowl with single drainer			
ngle bowl with single drainer			
		١.	10121212
ngle bowl with double drainer	Set	\$	100.0
The first of the second of the	Set	\$	150.0
ouble bowl with single drainer ouble bowl with double drainer	Set Set	\$	150.0
ouble bowl with double drainer	set	,	100.0
anity Top Basin			
00mm thick x 900mm long x 600mm deep for 1 no. of sink	No.	\$	200.0
/ash Hand Basin			
		1	
ecessary items		1	
Control of the Contro	No.	s	80.0
/ash Basin, 400mm x 550mm - White	No.	\$	90.0
/ash Basin, 360mm x 450mm - White	No.	\$	80.0
rackets for Wash Hand Basin			
ast iron brackets including fixing to the tile / concrete wall	No.	\$	15.0
itto but to remove and replace "Cotto" Wash basin including "ilife" TH8065 tap or approved quivalent, cast iron brackets and all fittings	No.	\$	180.0
itto but remove and replace "TOTO" wash basin including "American Standard" wf 301-201-50 tan	No	5	180.0
r approved equivalent, cast iron brackets and all fittings			200.0
itto but remove and replace "American Standard" wash basin including "American Standard" wf	No.	s	180.0
01-201-50 tap or approved equivalent, cast iron brackets and all fittings			
itto but to remove and replace cast iron bracket for wash hand basin and necssary fittings only	No.	\$	18.0
/ater Closet and Cistern		1	
STOP IN THE STOP IN CO.	Inity top deep reinforced with 2 layers of BRC A7 with oval opening and tiles all exposed surfaces the homogeneous tiles finish to;  Domm thick x 900mm long x 600mm deep for 1 no. of sink  In thick x 900mm long	Inity top deep reinforced with 2 layers of BRC A7 with oval opening and tiles all exposed surfaces with homogeneous tiles finish to;  No.  Important Basin Imp	Inity top deep reinforced with 2 layers of BRC A7 with oval opening and tiles all exposed surfaces with homogeneous tiles finish to;  No. \$    Sash Hand Basin   Sash Basin, 400mm x 550mm - White   No. \$    Sash Basin, 400mm x 550mm - White   No. \$    Sash Basin, 360mm x 450mm - White   No. \$    Sash Basin, 360mm x 450mm - White   No. \$    Sash Basin, 360mm x 450mm - White   Sash Basin   Sash Basin

Item No.	Keterangan / Description	Unit	1	Kadar Rate
R	SANITARY INSTALLATION (CONT'D)			
	Supply and install new American Standard complete with all necessary accessories, tank fittings, brackets, flush pipes and jointing to pipe work with all necessary connectors and make good			
R37	American Standard: Squatting type or other technically approved equivalent (Vitreous China high / low - White)	No.	\$	290.0
R38	American Standard or other approved equivalent (Vitreous China high / low - White)	No.	\$	300.0
R39	American Standard close coupled or other technically approved equivalent (Viterous China - White)	No.	\$	300.0
	Water Closet Cistern Tank with complete necessary fittings			
R40	UPVC	No.	\$	40.0
R41	Viterous Chona or other technically approved equivalent	No.	\$	80.0
R42	Cistern Cover Plain Vitreous China	No.	\$	48.0
R42	Plain UPVC	No.	5	15.0
R44	With dual flush push mechanism	No.	\$	60.0
200	Water Closet Bowl			
R45	European Type Asian Squatting Type	No.	5	200.0 150.0
R46 R47	Ditto but to replace "TOTO" C51" Single Bowl Toilet	No.	\$	134.0
R48	Ditto but to replace "TOTO TV150NL" Toilet Flush Valve w/ vacuum breaker	No.	\$	324.0
R49	Ditto but to replace "TOTO T82C32" Toilet Inlet Spud	No.	5	40.0
R50	Ditto but to replace "TOTO CE9" Squatting Tollet (Top Inlet)	No.	\$	150.0
R51 R52	Ditto but replace "TOTO TV150NWV12" Squatting toilet flush valve w/ vacuum breaker Ditto replace "TOTO T8C32" squatting toilet inlet spud	No.	\$	380.0
	Bath Room accessories			
R53	Ditto but 500mm x 150mm glass shelving complete with chromium plated brackets	No.	\$	27.0
R54	Ditto but 150mm x 150mm "TOTO" soap holder, toilet roll holder or approved equivalent	No.	\$	45.0
R55	Ditto but 610mm long "TOTO" towel rail with brackets (Chrome plated) or approved equivalent	No.	\$	45.0
	Concrete counter (Vanity counter)			
R56	Ditto but remove and to construct 100mm thick reinforced concrete vanity counter complete with	m	\$	200.0
	homogenoeus tile to expose area, inside and base, 1 rack, 1 layer BRC No. 65, approx. size 2000mm (L) x 600mm (W) x 750mm (H) aluminium sliding window			
	Pedestal pan seat and cover			
R57	Ordinary (White)	No.	\$	15.0
R58	Close - coupled heavy duty (White)	No.	\$	40.0
	Low level W.C sultes vitreous china pedestal pan complete with 6/3 litre dual flush including assembling and jointing together, plugging and screwing or building in screws, hangers, brackets, etc. and jointing to pipework with all necessary connectos and make good to affected surfaces, all			
R59	to match existing	Set	\$	300.0
11.33	White			3001



Item No.	Keterangan / Description	Unit		Kadar Rate
140.		Ome		nate
R	SANITARY INSTALLATION (CONT'D)			
	Water closet cistern, low level vitreous china pedestal pan including other necessary accessories			
	and works required			
R60	White	Set	\$	120.0
R61	Remove existing and replace with new plastic cistern including other necessary accessories and	Set	\$	50.0
	works required			
R62	Remove existing and replace with new tank fitting to W.C cistern	No.	\$	50.0
R63	Ditto with new 1½" Ø UPVC flush pipe including connection to cistern and pan, brackets fixing to wall	No.	\$	12.0
R64	Ditto with new rubber joint connector for W.C inlet flush pipe	No.	\$	12.0
R65	Remove and connect new expansion bolt for W.C cistern including drilling holes on concrete wall	No.	\$	15.0
	Remove existing and replace new soap / sponge holder to match existing or other pproved			
R66	equivalent American Standard - 150mm x 150mm soap holder	No.	\$	20.00
R67	American Standard - 250mm x 150mm soap notder  American Standard - 250mm x 150mm soap and sponge holder	No.	\$	25.0
	Remove existing and replace with new Single lever shower mixer, including all accesssories and necessary works and make good all work disturbed in material to match existing			
R68	American Standard or equivalent	No.	\$	140.0
	Remove existing and replace with new ½" Ø Bath mixer as stated brand or other approved			
	equivalent, complete with telephone shower, 1200mm flexible hose including all necessary			
	accessories, piping, threading, connections and plumbing works required, all to match existing			
R69	American Standard or equivalent	No.	\$	75.00
	Remove existing and replace the following item including sliding handle and all necessary			
	accessories, threading and connections works required, all to match existing			
R70	New Hand / Telephone shower complete with 1200mm flexible hose for bath mixer	No.	\$	58.00
R71	New Hand / Telephone shower	No.	\$	29.00
R72	New 4" Ø shower rose / head	No.	\$	31.00
R73	New Hand Spray only (without flexible hose)	No.	\$	9.00
	Remove existing and replace with new;			
R74	光" Ø x 1200mm long flexible hose	No.	\$	9.0
R75	⅓" Ø x 1200mm long stainless steel hose	No.	\$	12.0
R76 R77	光" Ø x 1200mm long stainless steel hose, No.zzle type Stainless steel towel rail with brackets (length 900mmm - 1200mm)	No.	\$	15.0 45.0
	Mirror			
R78	Remove existing mirror including aluminium framing of any sizes	No.	\$	10.0
R79	Remove existing and replace with new wall mirror consists of 6mm thick polished plate glass mirror	m2	s	80.0
	bonded to 13mm x 13mm WBP quality backing, 13mm x 13mm satin anodised aluminium framing surround, plugged and screwed to wall			
			F	



Item No.	Keterangan / Description	Unit		Kadar Rate
140.		Oiiit	_	nate
R	SANITARY INSTALLATION (CONT'D)			
	Anal Spray & Nozzle		1	
R80	Remove existing; replace and fix new chrome-plated anal spray including hose and lever type tap.	No.	\$	40.0
	To fix CPRU approved or any other approved equivalent	1000		(1/2/5/5/5)
	Remove existing, replace and fix the new following item, brand to follow existing or any			
	other approved equivalent			
R81	UPVC anal spray including hose and lever type tap	No.	\$	35.0
R82	Anal nozzle hose and lever type tap	No.	\$	30.0
R83	"TOTO TX471SP Plano." Single lever bath & shower	No.	\$	193.0
	Stainless Steel / Aluminium Kitchen Sink			
	Remove the existing and fix including application of silicone sealent and hacking out concrete bench			
	and make good disturbed	**	١.	
R84	Single bowl drainer	No.	\$	110.0
R85	Double bowl drainer	No.	\$	190.0
R86	Ditto but remove and replace single bowl drainer approx. 1200mm long, including "life" 202102C single lever swivel spout sink mixer goose neck tap and all fittings	No.	\$	260.00
R87	Ditto but remove and replace double bowl drainer approx. 1800mm long, including "ilife" 202102C	No.	\$	450.00
	single lever swivel spout sink mixer goose neck tap and all fittings	1777219		/2/2002/2020
R88	Ditto but remove and replace "SHOWY" single bowl drainer "Dagent" S/S Sink (approx. 765mm	No.	\$	360.0
	480mm x 180mm, including 3½ basket strainer waste S/S, UPVC bottle trap, ½" x ½" angle stop		100	
	cock (Tringle) and all fittings			
	Sundries Remove the existing and fix new including short waste, plug, chain and stay and all			
	necessary hacking out conrete floor tile and make goo disturbed			
	Bottle Trap / Tubular / P Trap	201		
R89	UPVC - 38mm diameter bottle trap	No.	\$	12.0
R90 R91	UPVC - 45mm diameter bottle trap  UPVC - 50mm diameter Tubular "P" trap	No.	\$	20.00
R92	UPVC - 75mm diameter "P" trap with rodding eyes	No.	5	23.0
R93	HDPE bottle trap	No.	s	25.00
R94	Stainless steel - 50mm diameter "P" trap	No.	\$	50.0
R95	Ditto but remove and replace "SHOWY" but plasctic bottle trap various size	No.	\$	10.5
	Gully Trap			
	Remove the existing and replace new with UPVC gully trap with rodding access to B.S.			
	4660 with metal removable flat grating cast into concrete			
R96	100mm diameter	No.	5	80.0
R97	150mm diameter	No.	\$	100.0
	Remove the existing and replace new with UPVC floor traps with rodding access to B.5 4660 with all			
	necessary connectors and jointing to pipes			
R98	UPVC floor drain trap grating	No.	\$	10.00
R99	150mm x 150mm UPVC hinge floor grating	No.	5	15.00
R100	> 150mm x 150mm UPVC hinge floor grating	No.	\$	20.00



No.	Keterangan / Description	Unit		Kadar Rate
R	SANITARY INSTALLATION (CONT'D)	-		
.000				
	Stainless steel floor drain trap grating	N		25.00
R101 R102	100mm diameter stainless steel floor grating	No.	\$	25.00 30.00
KIUZ	150mm diameter stainless steel floor grating	NO.	3	30.00
R103	Ditto but to remove and replace 32mm (1¼") diameter Chromium plated flat grating	No.	\$	5.00
R104	Ditto but to remove and replace 40mm (1½") diameter Chromium plated flat grating	No.	\$	6.00
R105	Ditto but to remove and replace 50mm (2") diameter Chromium plated flat grating	No.	\$	5.00
R106	Ditto but to remove and replace 75mm (3") diameter Chromium plated flat grating	No.	\$	6.00
R107	Ditto but to remove and replace 100mm (4") diameter Chromium plated flat grating	No.	\$	8.00
R108	Ditto but to remove and replace 100mm SHOWY 7044 (4") diamter Chromium plated flat grating	No.	\$	34.00
R109	Ditto but to remove and replace gully trap cover for 150mm x 150mm to 300mm x 300mm (m.S)	No.	\$	30.00
	Ditto but to remove and replace gully trap size;			
R110	200mm x 200mm	No.	5	45.00
R111	300mm x 300mm	No.	\$	63.00
	Construction of gully traps in accordance with PWD's Standard Drawing No. SD/3/90 and including details, cast iron / mild steel grating and frame for 50 / 100mm diameter or both combined outlet, jointing to UPVC pipes, setting on and surrounding with concrete including excavation, painting, etc.			
R112	ditto but to construct new gully trap including cover, excavation and concreting for 150mm x 150mm to 300mm x 300mm x 450mm depth	No.	\$	135.00
R113	Coated cast iron rectangular single seal cover and frame; in accordance to BS-EN 124, sealing cover in grease and fine sand	No.	\$	250.00
	Coated cost iron rectangular single seal cover and frame; light_duty; B.S 497 Grade C; weighing 38kg; bedding frame in cement mortar (1:3); sealing cover in grease and fine sand			
R114	695mm x 545mm x 45mm overall	No.	\$	130.0
	Coated cost iron rectangular single seal cover and frame; medium duty; B.5 497 Grade B; weighing 142kg; bedding frame in cement mortar (1:3); sealing cover in grease and fine sand			
	670mm x 670mm x 75mm overall	No.		217.00
R115	O Collin x O Collin x 7 Stall Overall	7101	\$	
R115	Coated cost iron rectangular single seal cover and frame; high duty; B.S 497 Grade B; weighing 210kg; bedding frame in cement mortar (1:3); sealing cover in grease and fine sand	,,,,,	>	

No.	Keterangan / Description	Unit		Kadar Rate
1101		Ome		nate
S	ACCESSORIES AND ANCILLARIES			
	Note: All tap shall use brand: "Showy", "lilfe", "Figo" or any approved equivalent or heavy duty			
	tap			
	Valves and Taps			
	Valves to B.S 1010 and B.S 1212			
	Remove the existing and fix new. Rate shall include all necessary connection, threading, hacking			
	out concrete wall tile and make good disturbed to match existing;			
	Brass Gate valve / Chrome stop valve			
51	15mm diameter	No.	5	12.
S2	22mm diameter	No.	\$	17.0
53	28mm diameter	No.	\$	20.0
54	35mm diameter	No.	\$	25.
\$5	54mm diameter	No.	\$	45.
<b>S6</b>	Ditto but to remove and replace 15mm diameter ( ¼" ); "Brand Showy"	No.	\$	17.
57	Ditto but to remove and replace 15mm diameter ( ½" ); "Brand Toto"	No.	\$	32.
	Extra Over Brass Check Valve BS1010			
58	Ditto but to remove and replace 22mm diameter ( 1/4" )	No.	\$	23.
<b>S9</b>	Ditto but to remove and replace 28mm diameter pipes (1")	No.	\$	32.
<b>S10</b>	Ditto but to remove and replace 40mm diameter pipes (1")	No.	\$	36.
S11	Ditto but to remove and replace 54mm diameter pipes ( 2" )	No.	\$	72.
	Sluice Valve; including			
<b>S12</b>	75mm diameter	No.	\$	350.
<b>S13</b>	100mm diameter	No.	\$	400.
514	150mm diameter	No.	\$	500.
	Non-return Valve; including			
515	75mm diameter	No.	\$	200.
<b>S16</b>	100mm diameter	No.	\$	250.
S17	150mm diameter	No.	\$	350.
S18	Remove existing tap of any sizes and brand	No.	\$	10.
	Remove existing and replace with new 1/4" tap for wash hand basin/sink including piping/threading			
	required; as per stated brand or other approved equivalent.			
S19	a) Brass Bib Tap	No.	\$	14.
S20	b) Chrome Pillar Tap; American Standard	No.	\$	25.
S21	c) Chrome Pillar Tap; Armitage Shanks	No.	\$	20.
522	d) Chrome Plated Goose Neck/Swan Tap (Single hole); American Standard	No.	\$	40.
523	e) Chrome Plated Goose Neck/Swan Tap (Single hole); Armitage Shanks	No.	\$	30.
524	f) Chrome Plated Goose Neck/Swan Tap (Single hole); Asahi Acrylic	No.	\$	25.
525	g) Chrome Plated Goose Neck/Swan Tap mixer (Single hole); American Standard	No.	\$	100.
S26	h) Chrome Plated Goose Neck/Swan Tap mixer (Single hole); Armitage Shanks	No.	\$	65.
S27 S28	i) Chrome Plated Goose Neck/Swan Tap mixer (Single hole); Asahi Acrylic j) Chrome Plated Goose Neck/Swan Tap mixer (Double hole); American Standard	No.	\$	48.
528 529	k) Chrome Plated Goose Neck/Swan Tap mixer (Double hole); American Standard	No.	\$	200. 140.
\$30	Chrome Plated Goose Neck/Swan Tap mixer (Double hole); Armitage Shanks     Chrome Plated Goose Neck/Swan Tap mixer (Double hole); Asahi Acrylic	No.	\$	65
331	Supply and fix new: Showy - 2565m - PQC; complete with connection to existing pipe	No.	\$	38



Item	Keterangan / Description	Unit		Kadar
No.	Reterangan / Description	Unit		Rate
s	ACCESSORIES AND ANCILLARIES (CONT'D)			
S32	Supply and fix new : Showy 6272 - Quarter turn single level bib faucet - 140mm; complete with connection to existing pipe	No.	\$	31.0
\$33	Supply and fix new: Showy - 6051F50: Quarter turn single lever flexible spout sink faucet; complete with connection to existing pipe	No.	\$	50.0
S34	Supply and fix new : Showy - 2988 The Pure C.P brass garden tap; complete with connection to existing pipe	No.	\$	9.0
\$35	Supply and fix new : Showy 2575HC C.P C/C stop cock; complete with connection to existing pipe	No.	\$	14.0
<b>S36</b>	Supply and fix new : Showy 6053 - Quarter turn single level wall sink tap; complete with connection to existing pipe	No.	\$	35.0
\$37	Supply and fix new : Showy 6051U Quarter turn single level 'U' spout sink faucet; complete with connection to existing pipe	No.	\$	41.0
	Remove the existing and fix new. Rate shall include all necessary connection, threading, hacking out concrete wall, tile and make good to match:			
	Chrome Pillar / WB tap			72.2
538	15mm diameter	No.	\$	15.
539	20mm diameter	No.	\$	30.0
S40	22mm diameter	No.	\$	45.
	To install/replace chromium water tap/bib tap			
S41	Ditto but remove and replace 15mm "ilife" Art:TH8107 (3) bib cock/tap	No.	5	99.
\$42	Ditto but remove and replace 15mm diameter "Toto" T23 B13	No.	\$	117.0
	Lauston, Equat (Mach Basin) Tan			
S43	Lavatory Faucet (Wash Basin) Tap Ditto but remove and replace "lilfe" Art:TH8065	No.	\$	72.
544	Ditto but remove and replace 15mm diameter "Grohe" pillar tap: 20 101 OR "American Standard"	No.	5	135.
344	WF-4604.405	NO.	3	133,
S45	Ditto but to remove and replace 15mm diameter, Toto TX603KCS hot and cold.	No.	\$	113.
S46	Ditto but to remove and replace 15mm diameter, Toto TX005KCS not and cold.	No.	5	135.
547	Stitut out to remove and replace 15mm diameter, 10to 1205 CCSC	NO.	3	133.
	Wash Basin mixer Tap with Pop-Up Waste/Weight Chain			
\$48	Ditto but to remove and replace "ilife" D7911D1C	No.	\$	130.
550	Ditto but to remove and replace "TOTO" TX115 LF or "American Standard" wf-3011.201.50	No.	\$	108.
551	Ditto but to remove and replace "Grohe" Euroeco 33 149	No.	\$	117.
552	Ditto but to remove and replace "Grohe" Baucurve 32805. Chromium Plated Stop Valve (Angle tap)	No.	\$	180.
		- 90,000	١.	
553	Ditto but to remove and replace 15mm diameter "ilife".	No.	\$	72.
S54	Ditto but to remove and replace 15mm diameter "Toto" TX 423 ST1	No.	\$	108.
\$55	Ditto but to remove and replace 15mm diameter, "Toto" TL 340 C5N or "American Standard".	No.	\$	135.
556	Chromium Plated Goose Neck or Swan Tap mixer (Single hole) Ditto but to remove and replace 15mm diameter "ilife" Art:TH8084 double handle or single handle	No.	\$	90.
c=~	District has been as a second control of Franchistance and Hills II & 2004000 to the boards.	Me		0.0
S57 S58	Ditto but to remove and replace 15mm diameter "lilfe" Art:202102C single handle Ditto but to remove and replace 15mm diameter "lilfe" Art:202102C single handle mixer	No.	\$	90. 180.
				Call Park
\$59	Ditto but to remove and replace "Grohe": CLASSIC 31522	No.	\$	135.
560	Ditto but to remove and replace "Grohe": CLASSIC 33202 mixer	No.	\$	350.
561	Ditto but to remove and replace "Toto" TX603KCS	No.	\$	96.
562	Ditto but to remove and replace "American Standard" WF-5607.501.50	No.	\$	135.



	Keterangan / Description	Unit		Kadar
No.	Keterangan / Description	Unit		Rate
s	ACCESSORIES AND ANCILLARIES (CONT'D)			
S63	Garden Tap Ditto but to remove and replace 15mm diameter "Showy" 6082N Blue Handle mini Garden tap with	No.	\$	18.0
303	hose union.	NO.	1	10.0
S64	Ditto but 15mm diameter "ilife" Art:TH8107 (3) tap with hose union.	No.	\$	72.0
S65	Ditto but to remove and replace "American Standard" WF-4606.405	No.	\$	135.0
S66	Ditto but to remove and replace "Toto" T26-13	No.	\$	135.0
	Bath mixer Tap Complete with Telephone Shower			
567	Ditto but to remove and replace 15mm diameter "ilife" 02 3101C single lever bath mixer with 98 1104C handshower with flexible hose.	No.	\$	225.0
S68	Ditto but to remove and replace 15mm diameter "ilife" 073101C single lever bath mixer with 98	No.	\$	280.0
	6201C handshower with flexible hose.			
\$69	Ditto but to remove and replace "Grohe": EUROECO 335838 "Single Lever"	No.	\$	225.0
570	Ditto but to remove and replace "Grohe" : Baucurve 32805 "Single Lever"	No.	5	225.0
571	Ditto but to remove and replace "American Standard" WF-2711.60.50 or "Toto" TX401 SBZ	No.	\$	225.0
572	Ditto but to remove and replace "American Standard" WF-2711.60.50 or Acacib bath/shower mixer c/w handshower and holder	No.	\$	520.0
	Flexible Hose			
	Remove existing flexible hose and replace new with:			
573	15mm diameter; connection to pipe	No.	\$	13.0
574	20mm diameter; connection to pipe	No.	\$	15.0
	Repair pipe with new collar clamp			
575	50mm diameter pipes	No.	\$	100.0
576	65mm diameter pipes	No.	\$	150.0
577	80mm diameter pipes	No.	\$	200.0
578 579	100mm diameter pipes 150mm diameter pipes	No.	\$	250.0 300.0
	Repair pipe with new split collar clamp			
580	50mm diameter pipes	No.	5	100.0
581	65mm diameter pipes	No.	\$	150.0
582	80mm diameter pipes	No.	\$	200.0
583	100mm diameter pipes	No.	\$	250.0
584	150mm diameter pipes	No.	\$	300.0
	New flushing cistern-all dual flush or water saver types (3/6 litres)			
S85	Ditto but to remove and replace "Toto" or "American Standard" (Ceramic high/low level - white)	No.	\$	135.0
coc	including all fittings and plumbing works.			100 (
586	Ditto but to remove and replace "Cotto" or "Karat" high/low level - White) including all fittings and plumbing works. Close-coupled white.	No.	\$	108.0
	Tank Fittings for Water Closets Cisterns			
587	W.C Siphon tank fittings	No.	s	50.0
588	"Armitage Shank" free flow or any other technically approved equivalent	No.	\$	50.0
589	"American Standard" TF-1011 or any other technically approved equivalent	No.	\$	50.0
S90	Plastic mechanism Dual Flush Type for Water Closets/Flushing Cistern (Tank Fitting)  Ditto but to remove and replace common / normal type or siphon type or similar fittings	No.	\$	23.0
591	Ditto but to remove and replace plastic mechanism for DUAL FLUSH TYPE "Toto" / "American Standard"	No.	\$	54.0



Item No.	Keterangan / Description	Unit Unit		Kadar Rate
		Unit		nate
S	ACCESSORIES AND ANCILLARIES (CONT'D)			
	Water Tank			
592	Remove existing, supply and fix new 1000 litres stainless steel panel tank complete with metal stand, water pump, water filter, concrete base and other necessary support items.	No.	\$	1,000.0
S93	Remove existing, supply and fix 1600 litres stainless steel water storage tank complete with metal stand, water pump, water filter, concrete base and other necessary support items.	No.	\$	1,300.0
594	Remove existing, supply and fix 2000 litres stainless steel water storage tank complete with metal stand, water pump, water filter, concrete base and other necessary support items.	No.	\$	1,500.0
	Remove existing, supply and install new stainless cylindrical/panel water tank of capacity: SS316 or approve equivalent; all labour, equipment, materials, machinery, transportation, tools, scaffolding and make good opening existing ceiling including all bracket, painting and other associated;			
595	a) 2,000 litres	No.	\$	850.0
596	b) 1,600 litres	No.	\$	750.0
597	c) 1,000 litres	No.	\$	550.0
	(Rate to include all accessories, 25mm dia. Brass valve, 25mm over flow pipe, 40mm dia. Bottom washout, stand and other plumbing works).			
598	Remove existing, supply and fix, Davies or other approved equivalent to 1H electrical pump including wiring	No.	\$	600.0
	Water Tank Fittings			
	Brass ball float valve c/w polythene ball			
S99	22mm	No.	\$	23.0
S100 S101	25mm(1") 28mm	No.	\$	27.0
5102	32mm ( 1½" )	No.	\$	30.0 35.0
S103	50mm (2")	No.	\$	36.0
5104	54mm	No.	\$	42.0
\$105	75mm ( 3" )	No.	\$	50.0
S106	100mm ( 4" )	No.	\$	100.0
	Brass ball float valve c/w copper ball			
	75mm ( 3" )	No.	\$	75.0
5108 5109	78mm 100mm ( 4" )	No.	\$	80.0 130.0
	Cleaning Water Tank	1101		250.0
	Supply all labour, equipment, materials, transportation, tools, scaffolding and make good opening existing celling including all bracket, painting and other associated work for purpose cleaning/washing/desludging of existing water tanks with water jet, brushing as instructed by OIC			
	and satisfaction for cylindrical/panel water tank capacity			
5110	Not exceeding 2300 litres (1.2m x 1.2m x 1.2m)	No.	\$	80.0
S111 S112	Ditto but not exceeding 4000 litres (1m x 2m x 2m) Ditto but not exceeding 8000 litres (2m x 2m x 2m)	No.	\$	100.0 200.0
				2.50.0
			1	TI

tem	Keterangan / Description	Unit		Kadar
No.	neteraligati / Description	Unit		Rate
s	ACCESSORIES AND ANCILLARIES (CONT'D)			
3	ACCESSORIES AND ANCIEDARIES (CONT D)			
	Booster Pumpset			
113	Remove existing, supply and install EBARA/DAVEY or ABCi approved booster pump set of capacity 1.0 litre/sec. @ 24m, model EVm 4 - 4N/0.75kW. Power point (of distance within 40m)	No.	\$	800.0
114	Remove existing, to supply labourer for servicing water pump including replacement of minor electrical, mechanical defects (Dual pressure switch etc.) and rubber union or expansion joint testing and commissioning and other associated works.	No.	\$	140.0
т	MISCELLANEOUS MAINTENANCE WORKS CLEAN AND UNBLOCK CLOGGED SANITARY SYSTEM			
	Supply labour, plants, tools, equipment, vehicles and other necessary to clean and unblock the			
r1	following clogged sanitary plumbing system and fittings: manhole	No.	\$	50.
Γ2	Septic tank	No.	\$	100
13	Gully trap	No.	\$	30.
<b>r</b> 4	Floor trap	No.	\$	15
75	Toilet bowl	No.	\$	20
16	Urinal bowl	No.	\$	20
7	Wash hand basin	No.	\$	15
18	Kitchen sink	No.	\$	15
79	150mm - 100mm diameter pipe	m	\$	6
10	100mm - 75mm diameter pipe	m	\$	5
11	75mm - 50mm diameter pipe	m	\$	3.
12	Grease trap	No.	3	325.
			1	



TEMPORARY SCAFFOLDING, HIAB CRANE, SAFETY SIGNS & HOARDING  Provide, maintain and remove when directed by the S.O. and make good all temporary scaffolding with staging, planked footways, guard-rails and the like and to whatever height as may required for the use of the workmen in accordance of the S.O. and Safety, Healthand Environment National Authority (SHENA)  Scaffold board should not be less than 225mm wide. Working platforms for men without materials or only for passage of materials must be 500mm width. For men and materials provided there is 800mm width, provided there is 430mm left clear for the passage men or 600mm if barrows are used. Toe-board must be fitted in conjunction with all guard-rails, a minimum height of 150mm.			
scaffolding with staging, planked footways, guard-rails and the like and to whatever height as may required for the use of the workmen in accordance of the S.O. and Safety, Healthand Environment National Authority (SHENA)  Scaffold board should not be less than 225mm wide. Working platforms for men without materials or only for passage of materials must be 500mm width. For men and materials provided there is 800mm width, provided there is 430mm left clear for the passage men or 600mm if barrows are			
or only for passage of materials must be 500mm width. For men and materials provided there is 800mm width, provided there is 430mm left clear for the passage men or 600mm if barrows are			
I I			
Only suitable access ladders for scaffolding are to be used which comply with all safety requirements. Home-made ladders are forbidden to be used on scaffolding and must be remove immediately.			
Should the Contractor strike any of his scaffolding before ascertaining whether it is required by any Sub-Contractor or Public undertaking, he must re-erect it if so required at his own remove immediately.			
Should the Contractor strike any of his scaffolding before ascertaining whether it is required by any Sub-Contractor or Public undertaking, he must re-erect it if so required at his own expense.			
The design and construction of scaffolding and staging must comply with all safety requirements according to Safety, Health and Environment National Authority (SHENA), "Guidelines For The Safe Use Of Scaffolding", Ref No.: IGN 01/2020			
Provide for any modification and/or re-erection to the foregoing or scaffolding which may become necessary.			
To fabricate temporary scaffolding, including adjustable plate base, plain base plate, caster, caster with screw jack, outrigged bracket, cross brace, brace lock, plan brace, side bracket, standard arch frame, hinge pin, vertical coupling pin, hinge pin, standard end frame, standard half frame, guardrail post, guardrails, aluminium or plywood deck, netting and all necessary works			
Not exceeding 3m high	Lot	\$	50.00
exceeding 3m to 6m high	Lot	\$	150.00
exceeding 6m to 9m high exceeding 9m high	Lot Lot	\$	250.00 300.00
To provide hiab crane services all in accordance to current available construction safety practices and requirement as per S.O approval and satisfaction.			
Normal Hiab Crane with Long Boom (915 tonnes / 20 tonnes / 25tonnes)	Hour	\$	90.00
Safety Signs / Hoarding			
Construct and install; Safety hoarding; < 2.5m high, metal cladding including timber/metal support, bracing and all other	m	\$	40.00
necessary works Safety hoarding; 2.5m - 4m high, metal cladding including timber/metal support, bracing and all other necessary works	т	\$	80.08
	requirements. Home-made ladders are forbidden to be used on scaffolding and must be remove immediately.  Should the Contractor strike any of his scaffolding before ascertaining whether it is required by any Sub-Contractor or Public undertaking, he must re-erect it if so required at his own remove immediately.  Should the Contractor strike any of his scaffolding before ascertaining whether it is required by any Sub-Contractor or Public undertaking, he must re-erect it if so required at his own expense.  The design and construction of scaffolding and staging must comply with all safety requirements according to Safety, Health and Environment National Authority (SHENA), "Guidelines For The Safe Use Of Scaffolding", Ref No.: IGN 01/2020  Provide for any modification and/or re-erection to the foregoing or scaffolding which may become necessary.  To fabricate temporary scaffolding, including adjustable plate base, plain base plate, caster, caster with screw iack, outrigged bracket, cross brace, brace lock, plan brace, side bracket, standard arch frame, hinge pin, vertical coupling pin, hinge pin, standard end frame, standard half frame, guardrail post, guardrails, aluminium or phywood deck, netting and all necessary works  Not exceeding 3m high exceeding 3m to 6m high exceeding 6m to 9m high exceeding 9m high  To provide hiab crane services all in accordance to current available construction safety practices and requirement as per S.O approval and satisfaction.  Normal Hiab  Crane with Long Boom (915 tonnes / 20 tonnes / 25tonnes)  Safety Signs / Hoarding  Construct and install;  Safety hoarding; < 2.5m high, metal cladding including timber/metal support, bracing and all other necessary works  Safety hoarding; 2.5m - 4m high, metal cladding including timber/metal support, bracing and all	requirements. Home-made ladders are forbidden to be used on scaffolding and must be remove immediately.  Should the Contractor strike any of his scaffolding before ascertaining whether it is required by any Sub-Contractor or Public undertaking, he must re-erect it if so required at his own remove immediately.  Should the Contractor strike any of his scaffolding before ascertaining whether it is required by any Sub-Contractor or Public undertaking, he must re-erect it if so required at his own expense.  The design and construction of scaffolding and staging must comply with all safety requirements according to Safety, Health and Environment National Authority (SHENA), "Guidelines For The Safe Use Of Scaffolding", Ref No.: IGN 01/2020  Provide for any modification and/or re-erection to the foregoing or scaffolding which may become necessary.  To fabricate temporary scaffolding, including adjustable plate base, plain base plate, caster, caster with screw jack, outrigged bracket, cross brace, brace lock, plan brace, side bracket, standard arch frame, hinge pin, vertical coupling pin, hinge pin, standard end frame, standard half frame, guardrail post, guardrails, aluminium or phywood deck, netting and all necessary works  Not exceeding 3m high  exceeding 3m to 6m high  Exceeding 6m to 9m high  Exceeding 6m to 9m high  Exceeding 9m high  Lot  To provide hiab crane services all in accordance to current available construction safety practices and requirement as per S.O approval and satisfaction.  Normal Hiab  Crane with Long Boom (915 tonnes / 20 tonnes / 25 tonnes)  Safety Signs / Hoarding  Construct and install;  Safety hoarding; 2.5m - 4m high, metal cladding including timber/metal support, bracing and all other necessary works  Safety hoarding; 2.5m - 4m high, metal cladding including timber/metal support, bracing and all	requirements. Home-made ladders are forbidden to be used on scaffolding and must be remove immediately.  Should the Contractor strike any of his scaffolding before ascertaining whether it is required by any Sub-Contractor or Public undertaking, he must re-erect it if so required at his own remove immediately.  Should the Contractor strike any of his scaffolding before ascertaining whether it is required by any Sub-Contractor or Public undertaking, he must re-erect it if so required at his own expense.  The design and construction of scaffolding and staging must comply with all safety requirements according to Safety, Health and Environment National Authority (SHENA), "Guidelines For The Safe Use Of Scaffolding", Ref No.: IGN 01/2020  Provide for any modification and/or re-erection to the foregoing or scaffolding which may become necessary.  To fabricate temporary scaffolding, including adjustable plate base, plain base plate, caster, caster with screw lack, outrigged bracket, cross brace, brace lock, plan brace, side bracket, standard arch frame, hinge pin, vertical coupling pin, hinge pin, standard end frame, standard half frame, guardrail post, guardrails, aluminium or phywood deck, netting and all necessary works  Not exceeding 3m high  Lot \$ exceeding 3m to 6m high exceeding 6m to 9m high beckeeding 5m to 6m high exceeding 9m high  Lot \$ exceeding 9m high  Lot \$ can be provide hiab crane services all in accordance to current available construction safety practices and requirement as per \$0 approval and satisfaction.  Normal Hiab  To provide hiab crane services all in accordance to current available construction safety practices and requirement as per \$0 approval and satisfaction.  Safety signs / Hoarding  Construct and install;  Safety hoarding; ≤ 2.5m high, metal cladding including timber/metal support, bracing and all other necessary works  Safety hoarding; 2.5m - 4m high, metal cladding including timber/metal support, bracing and all



Item	Keterangan / Description	Unit	1	Kadar
No.	Reterangan / Description	Unit		Rate
U	TEMPORARY SCAFFOLDING, HIAB CRANE, SAFETY SIGNS & HOARDING (CONT'D)			
U	TEMPORARY SCAPFOLDING, MAD CRAME, SAFETY SIGHS & HOARDING (CONT D)			
	Supply and install;			
U9	Safety barricades, safety cones, signboard, safety netting or any relevant acceptable safety	Lot	\$	50.00
U10	measures Heavy duty green canvas inclusive of ropes, pegs and installation	m2	Ś	6.0
U11	Barrier warning tapes (Red and white colour)	m	5	0.0
	barrier warning tapes (need and writte colour)		1	
	Signage / Walkway Post			
U12	Repainting of existing post of any size with approved paint or directed by S.O including sanding and	m2	\$	2.0
	cleaning works prior to painting.			
U13	Realignment / adjustment of existing tilted/turned regulatory/warning sign and post of any size	No.	\$	6.0
	including making good the surrounding to match existing or as directed by the S.O			
v	STRUCTURAL REPAIR			
	Spalling Concrete Surfaces / Area			
				05.0
V1	Beams and columns a) To adequately prop up the adjacent structures to the affected areas as per satisfaction of the S.O	m2	\$	85.0
	b) To hack and remove all spalled concrete until sound substrate.			
	c) To replace the existing steel bars, if the diameter size has reduced by 20% from its original size.			
	d) To power brush, wipe clean with solvent to all expose steel bars.			
	e) To apply one coat Fosroc Nitoprime Zincrich, or any approved equivalent anti-corrosion			
	treatment coating to all steel bars and allow to cure			
	f) Prime hacked surfaces using Fosroc Nitobond AR or any approved equivalent bonding agent.			
	NT in all and the formation of the formation of the control of the			
	g) To install water tight formwork, and grout the prepared areas using Fosroc Conbextra GP or any approved equivalent grout with chippings.			
V2	Concrete ceiling soffit / wall / column and beams	m2	\$	20.0
	a) To adequately prop up the adjacent structures to the affected areas as per satisfaction of the S.O			
	b) To hack and remove all spalled concrete until sound substrate			
	c) To clean the hacked surfaces thoroughly with water to remove all loose particles.			
	d) To replace the existing steel bars, if the diameter size has reduced by 20% from its original size.			
	al Tanasara hasab suitas alana sulth sabarat to all assassa steel base			
	e) To power brush, wipe clean with solvent to all expose steel bars. f) To apply one coat Fosroc Nitoprime Zincrich, or any approved equivalent anti-corrosion treatment			
	coating to all steel bars and allows to cure.		1	
	g) Prime hacked surfaces using Fosroc Nitobond AR or any approved equivalent bonding agent.			
	h) To repatch in layers using Fosroc Renderoc HB40 or any approved equivalent polymer modified cementitious repair mortar.			
			1	



No.	Keterangan / Description	Unit		Kadar Rate
٧	STRUCTURAL REPAIR (CONT'D)			
	Cracked Lines and the Likes			
V3	Locate, hack, remove and dispose offsite of all spalling and unsound concrete up to a maximum 50mm width along cracked lines with approved hand/low-powered tools; until exposing sound concrete; inclusive of roughening and cleaning of all exposed surfaces/edges; ready to receive new structural materials.	m	\$	5.0
V4	Fill and seal up newly hacked, roughened, cleaned and exposed surfaces/edges of cracked lines to smooth with approved Epoxy Light Weight mortar, inclusive of applying with approved bonding agent.	m	\$	5.0
V5	To remove, clean existing sealer, filler or putty prior to receive new filler or sealer.	m	\$	4.0
V6	To cut out the cracks with a masonry grinder or disc cutter, to form square edges slot, and remove all dust and debris.	m	\$	10.0
V7	To supply and lay new sealer, a mixture of bonding agent and cement paste to cracks and opening to masonry building generally.	m	s	15.0
V8	To supply and lay new sealant, to cracks and opening to masonry building generally.	m	\$	15.0
V9	To supply and lay new roof asphalt cement to roof blister, cracks, joint and opening generally including warranty	m	\$	20.0
	Ground Slab, Aprons and the Likes			
V10	Repair of newly hacked, roughened, cleaned and exposed surfaces/edges of ground slab/apron with concrete Grade 30 not exceeding 100mm thick, including plastering works, formwork and other necessary works required, all to match existing. Works include to remove unsound concrete with approved hand/low powered tools; until exposing sound concrete; replace any damaged reinforcements to match existing and clear all debris offsite.	m2	\$	17.0
	Expansion Joints			
V11	Remove existing expansion joint materials, unsound/spalled concrete; roughened and cleaned all exposed surfaces with approved hand/low-powered tools ready to receive new expansion joints materials.	m	\$	10.0
	Replace and insert with new Flexcell Bitumen Impregnated Fibre Board or other approved equivalent; inclusive of sealing at top with Polysulphide Rubber Sealant or other approved equivalent.			
V12	Wall and the likes 12.5mm x 12.5mm	m	\$	25.
V13	24mm x 24mm	m	\$	28.0
V14	30mm x 30mm	m	\$	30.0
w	ROADWORKS			
	Excavation for Roads, Hardstanding and the Likes			
	Extra over all types of excavation / cutting using appropriate cutter equipment/machine and disposal for breaking up and removing the following materials			
W1		m3	\$	55.
W1 W2 W3	disposal for breaking up and removing the following materials	m3 m3 m2	\$ \$	55.1 22.1



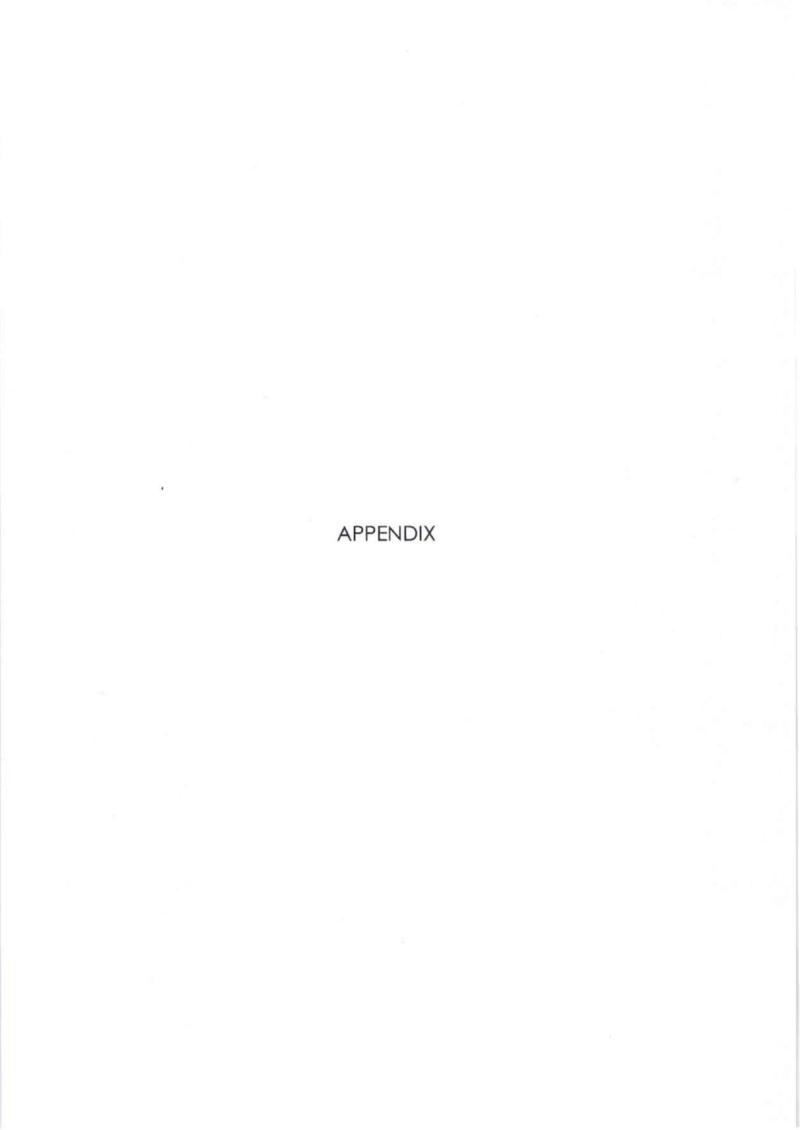
Item No.	Keterangan / Description	Unit Unit		Kadar Rate
w	ROADWORKS (CONT'D)			
	Preparing, trimming, etc sub-grade formation to the required levels, gradinets, falls or			
W4	<u>camber</u> To receive road bottoming, pavement or the like	m2	\$	1.60
W5	Approved free-draining material (uncrushed stone), beds well cosolidated, rolling with approved roller  150mm thick including estra labour laying to slopes, falls or chamber; blinding with sand	m2	Ś	12.00
WS	130 min thick including esta labour laying to slopes, rolls or chamber, billioning with sand	1112	,	12.00
W6	Bitumen tack coat; B.S. 3690; applied at the rate 2m2 - 3m2 per litre Applying on blinded road base surface	m2	\$	2.00
W7	Applying on asphaltic concrete base coarse surface	m2	\$	2.00
w8	Aspahaltic concrete base course; on road base; rolling with approved roller 60mm thick after consolidated; laying to slopes, falls and cambers	m2	\$	27.00
W9	Asphaltic concrete wearing course; rolling with approved roller 40mm thick after consolidated; laying to slopes, falls and cambers	m2	\$	20.00
	Sealing of Pavement Cracks			
W10	Sealing of road pavement cracks with bitumen sand mix (1:2 portion) as directed by S.O.	m	\$	3.00
x	SERVICES			
	General Conservancy & Cleaning Works			
X1	Dry sweeping, cleaning, racking, clearing, removing, carting, towing and transporting away dry leaves, fallen branches, silts, rubbish and any all waste, debris, unwanted articles and refuse from trade, construction, domestic and the likes, dumped and thrown illegally, to driveways, road kerbs, pedestrian walkways, ground floor parking bays and all open compound, playground, landscape and grass covered area; and including building scupper/perimeter and roadside drains, channels, sumps and the likes; and including emptying and cleaning with detergent of waste/litterbins and playground equipment, sets, accessories and the likes, all as specified; and as per OIC's instruction and satisfaction.	Lot	\$	200.00
	Grass Cutting Works			
	NOTE: Height of cut grass shall be approximately 25mm from ground level.			
	Grass cutting including edge trimming and grass covered. Landscape areas within the specified gones, including Maximum (6) SIX meters adjacents and beyond any accessible man made features, access roads, roadside reserve, boundaries, perimeter fencing, wall and / or drains and the like within the Contract Site Boundary; and including cleaning, and / or carting away all cut grass as per S.O's instruction and satisfaction.			
ж2	(a) Generally	m2	\$	0.02

Item No.	Keterangan / Description	Unit Unit		Kadar Rate
x	SERVICES (CONT'D)			
n				
	Desilting, Washin, Flushing and The Likes to Building (ONLY) Aprons, Perimeter Drains, Etc.			
	Desilting, washing, flushing by means of high pressure water-jetting to open and concealed building			
	scupper/ perimeter drains with average width generally not exceeding 500mm including adjacent			
	apron, channels, sumps and the likes, including cleaning by carting, removing and transporting away any and all waste all as specified.			
Х3	(a) Generally	m2	\$	0.03
Υ	PEST CONTROL			
	Anti-Termites treatment Works			
	Note:			
	Contractors are to submit approval certification from CPRU and Ministry of Health for any			
	anti-termite chemicals to be used.			
	To attached brochure/catalogue of materials to be used.			
	** FOR EACH TREATMENT A 5 YEARS WARRANTY SHOULD BE PROVIDED IN WRITTEN FORM OR AS SPECIFIED BY THE MANUFACTURER.			
	Method 1			
Y1	(PREMISE 200 ST/MATADOR or approved equivalent State Brand:	No.	\$	2.00
	the soil. Inject approved termicide in every holes, all in accordance with manufacturer's instruction using low pressure pump as per S.O's instruction.			
	Method 2			
Y2	(PREMISE 200 ST/MATADOR or approved equivalent State Brand:	m2	\$	0.50
	galleries or tunnels that are visible on the exposed parts of timber structures.			
	Others			45.00
Y3	External inspection and apply approved termicide to trees, logs, stumps, poles or any timber materials and termite nests within the compound of the infested permises suspected of harbouring	No.	\$	15.00
	termites, all in accordance with manufacturer's instruction including probing and clearing off site.			
	Thermal Imaging Inspection (Infrared Camera) Works			
Y4	To provide Thermal Imaging inspection using Infrared Camera to detect termites activity and to provide comprehensive report. (Inspection must be carried out in all area of the inclusive all	Block	\$	2,000.00
	occupied tenants units)			
	Hornet's Hive Removal			
Y5	To remove and control mainly by spraying with residual instant knockout effect insecticide (certified	Treatment	s	200.00
	by Ministry of Health, Negara Brunei Darussalam). The instant knockout effect insecticide provide residual exterminating action on homet.			
	Toronto Charles and Charles			



I.m.	Keterangan / Description	Unit		Kadar
lo.		Unit	-	Rate
Υ	PEST CONTROL (CONT'D)			
	Rodent Control			
	NOTE:			
	All chemical used are in accordance with the recommendation of the National Pest Management			
	Association of America of which are an associate member and registered with Brunei Ministry of			
	Health for safety use. Non-authorised or non-certified chemical are not allowed.			
	AMERICAN PORT AMERICAN PROPERTY AND			
Y6	Flushing Out (Trapping Method)  The scope of work includes glue traps are place along rat runs, ceiling, dry areas and all potential	Time	s	800.0
10	breeding and harborage areas. Inspection will be carried out alternate date intervals to prevent	ime	,	800.0
	dead or trapped rats cause any foul adour. After such treatment, a maintenance programmes will be			
	undertaken as stated in item 3.2.			
	Maintenance (Rodenticide Baiting)			
17	Coated coagulant rat balls used and placed in the bait stations around the office area, garbage area	Time	\$	300.0
	and fencing. The hermorrhage effect causes rats to seek water and eventually die outside its harbonage. The contractor will collect all dead rats and area where they are retrieved from and will			
	be treated with disinfecting or deodorizing agents.			
	With reference to the stated Schedule of Rates, we / I hereby confirmed that we / I agreed to carry			
	out all / or part of the above-mentioned works as may be ordered from time to time up to the maximum value of B\$50,000.00 (Brunei Dollars Fifty thousand only) at:			
	out all / or part of the above-mentioned works as may be ordered from time to time up to the			
	out all / or part of the above-mentioned works as may be ordered from time to time up to the maximum value of B\$50,000.00 (Brunei Dollars Fifty thousand only) at:  *Plus (+) / minus (-) percent of the stated Schedule of Rates.			
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	out all / or part of the above-mentioned works as may be ordered from time to time up to the maximum value of B\$50,000.00 (Brunei Dollars Fifty thousand only) at:  "Plus (+) / minus (-) percent of the stated Schedule of Rates.  (In words, percent of the stated Schedule of Rates.)  This percentage would be carried forward to the "Part A – Agreement, Pg KHEUQ2017-15.25-2".			
	out all / or part of the above-mentioned works as may be ordered from time to time up to the maximum value of 8\$50,000.00 (Brunei Dollars Fifty thousand only) at:  "Plus (+) / minus (-) percent of the stated Schedule of Rates.  (In words, percent of the stated Schedule of Rates.)  This percentage would be carried forward to the "Part A – Agreement, Pg KHEUQ2017-15.25-2". We / I also agreed to carry out and complete all the stated work within the contract period of FIFTY TWO (52) Weeks subject to any shortening or extension as decided by the Superintendent Officer and agreed by the contractor.			
	out all / or part of the above-mentioned works as may be ordered from time to time up to the maximum value of B\$50,000.00 (Brunei Dollars Fifty thousand only) at:  *Plus (+) / minus (-) percent of the stated Schedule of Rates.  (In words, percent of the stated Schedule of Rates.)  This percentage would be carried forward to the "Part A – Agreement, Pg KHEUQ2017-15.25-2". We / I also agreed to carry out and complete all the stated work within the contract period of FIFTY TWO (52) Weeks subject to any shortening or extension as decided by the Superintendent Officer			
	out all / or part of the above-mentioned works as may be ordered from time to time up to the maximum value of 8\$50,000.00 (Brunei Dollars Fifty thousand only) at:  "Plus (+) / minus (-) percent of the stated Schedule of Rates.  (In words, percent of the stated Schedule of Rates.)  This percentage would be carried forward to the "Part A – Agreement, Pg KHEUQ2017-15.25-2". We / I also agreed to carry out and complete all the stated work within the contract period of FIFTY TWO (52) Weeks subject to any shortening or extension as decided by the Superintendent Officer and agreed by the contractor.			
	out all / or part of the above-mentioned works as may be ordered from time to time up to the maximum value of 8\$50,000.00 (Brunei Dollars Fifty thousand only) at:  "Plus (+) / minus (-) percent of the stated Schedule of Rates.  (In words, percent of the stated Schedule of Rates.)  This percentage would be carried forward to the "Part A – Agreement, Pg KHEUQ2017-15.25-2". We / I also agreed to carry out and complete all the stated work within the contract period of FIFTY TWO (52) Weeks subject to any shortening or extension as decided by the Superintendent Officer and agreed by the contractor.			
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	out all / or part of the above-mentioned works as may be ordered from time to time up to the maximum value of 8\$50,000.00 (Brunei Dollars Fifty thousand only) at:  "Plus (+) / minus (-) percent of the stated Schedule of Rates.  (In words, percent of the stated Schedule of Rates.)  This percentage would be carried forward to the "Part A – Agreement, Pg KHEUQ2017-15.25-2". We / I also agreed to carry out and complete all the stated work within the contract period of FIFTY TWO (52) Weeks subject to any shortening or extension as decided by the Superintendent Officer and agreed by the contractor.			
	out all / or part of the above-mentioned works as may be ordered from time to time up to the maximum value of 8\$50,000.00 (Brunei Dollars Fifty thousand only) at:  "Plus (+) / minus (-) percent of the stated Schedule of Rates.  (In words, percent of the stated Schedule of Rates.)  This percentage would be carried forward to the "Part A – Agreement, Pg KHEUQ2017-15.25-2". We / I also agreed to carry out and complete all the stated work within the contract period of FIFTY TWO (52) Weeks subject to any shortening or extension as decided by the Superintendent Officer and agreed by the contractor.			
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### SENARAI DAN JUMLAH PEKERJA

O   Passer Name   Name   Passer   Name   Passer   Name   Passer   Name   Passer   Name   Passer   Name   Passer   Name   Name   Passer   Name   Name   Name   Name   Passer   Name   Name   Passer   Name		П	T	T	T	П	T	T	T	T	T		T	T	T	T			T	Τ	П	T	T	T	T		T	T	Π	П	П	T	
KERJA ASING (jumlan dan blangan%)  Nama Pekerja  Nama Pekerja  Nama Pekerja  Nama Pekerja  Awalan  Kadar gaji Sebulan  Kadar gaji Sebulan	Lain-lain kemudahar																	n-lain kemudahan															
Nama Pekerja Asing jumlah dan bilangan kerja Pengeralan Pengeralan Bilangan sebulah Radar gaji Sebulah Mama Pekerja Asing jumlah dan bilangan kerja Asing jumlah dan bandan	Caruman																	Lair															
KERJA ASING (Jumlan dan bilangan %)  KERJA ASING (Jumlan dan bilangan %)  KERJA ASING (Jumlan dan bilangan %)  Sebuatan Mama Pekerja																		gaji Sebulan															
KERJA ASING (Jumlah dan bilangan%)  KERJA ASING (Jumlah dan bilangan%)  Jawatan	Kadar gaji Sebulan																	Kadar					1	<u> </u>			1	<u> </u>	<u> </u>				
KERJA ASING (Jumlah dan bilangan%)  Nama Pekerja  Nama Pekerja  Nama Pekerja																		Jawatan															
PEKERJA ASING (Jumlah dan bilangan%)  Nama Pekerja  Nama Pekerja	No. Kad Pengenalan																																
	(a) rehersa temparan (jumian adri bilangan %) Nama Pekerja																1	De la companya de la														₹.	

## MAKLUMAN MENGENAI KERJA-KERJA YANG TELAH SIAP DIBUAT BI NEGARA BRUNEI DARUSSALAM. INFORMATION ON THE LIST OF COMPLETED JOBS IN BRUNEI DARUSSALAM.

BIL.	NAMA PROJEK NAME OF PROJECT	LETAK	HARGA	COMPLETION DATE



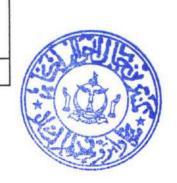
TANDATANGAN PEMBORONG / SIGNATURE OF TENDERER :

TARIKH / DATE :

AP/2

# MAKLUMAN MENGENAI DENGAN PENGUNAAN QUOTA BURUH DAN SENARAI KERJA-KERJA YANG SEDANG DIBUAT DI INFORMATION ON THE DISTRIBUTION OF APPROVED LABOUR QUOTA AND LIST OF CURRENT JOBS IN BRUNEI DARUSSALAM

NOTA BI	BIL. QUOTA BURUH YANG TELAH DIBENARKAN / QUOTA NUMBER APPROVED :		TARIKH KEBENARAN / DATE OF APPROVAL:	FAPROVAL:	8	No.
	NAMA PROJEK NAME OF PROJECT	LOCATION	HARGA	COMPLETION DATE	% KERJA SIAP % COMPLETED	JUMIAH TENAGA NO. OF QUOTA USED



TARIKH / DATE :

TANDATANGAN PEMBORONG / SIGNATURE OF TENDERER:

AP/3

### SENARAI JUMLAH TENAGA MANUSIA YANG AKAN DISERTAKAN UNTUK MEMBUAT PROJEK INI (JIKA BERJAYA)

Proposed Manpower Allocation and Additional Labour Quota Required (If Successful):

Bil.	Nama Jawatan Name of Posts	Jumlah Tenaga Manusia Total Manpower
		Torres College Specification
	Jumlah	-
	Total	
Jum No. of	lah quota buruh yang masih ada: fabour quota still available (from table Appendix 3):	
Jum	lah quota buruh yang dikehendaki:	
No. of	labour quota required:	
		ndatangan Saksi:
Signa	ture of Witness: Sign	nature of Witness:
		dish.
T <b>arik</b> Date		rikh: te:
	( * L L A A A A A A A A A A A A A A A A A	4B/4

### SENARAI PERALATAN YANG AKAN DIGUNAKAN UNTUK PEKERJAAN INI (JIKA BERJAYA)

Proposed List of Equipment To Be Used For This Job (If Successfull):

Bil.	Jenis	Kvantiti	No. Modal	Kapasiti	Remarks
No.	Туре	Quantity	Model No.	Capacity	Kerriarks
			i		
1					
- 1					
				1	
1					
				ì	
1				1	
1					
1					
1					
1					
1				1	
1					
1					
				1	
- 1					
			1		
				1	
1					
1					
1				1	
1					
				741	

Tandatangan Saksi: Signature of Witness:	Tandatangan Saksi: Signature of Witness:
Tarikh: Date:	Tarikh: Date:

### SENARAI PEKERJAAN YANG AKAN DI SUB-KONTRAK

Proposed List of Jobs To Be Sub-Contracted:

BII.	<b>Kerja</b> Works	Kepada	Remarks
No.	wons	То	
			1
			1

Tandatangan Saksi: Signature of Witness:		Tandatangan Saksi: Signature of Witness:	
T-84-		Tarikh:	
Tarikh: Date:	STATE OF THE PARTY	Date:	

### SURAT PENGESAHAN

### PENENDER/PEMBORONG/KONTRAKTOR/PENGUSAHA/PEMBEKAL MEMILIKI 'BUSINESS PREMISE' / PREMISE PERNIAGAAN

Nama Syarika	rt:			
Alamat Premi	se Perniagaan:			
				os Kod:
	Section of the sectio			
BIL.	NAMA PEMILIK SYARIKAT	BIL. KAD PENGENALAN	WARNA	BANGSA
	2			
	rus:		Telefo	on:
	naklumkan bahawa segala keterang			
			COP SYARIKAT	
(	1			
Tarikh:				



Rujukan:	
Kepada,	
Ketua Bahagian Bangunan dan Pemeliharaan	
Kementerian Hal Ehwal Ugama	
Negara Brunei Darussalam	
(U.P : Bahagian Penyelaras Projek (PPP))	
Tuan/Puan	
PER: <u>Borang Pengakuan Kesa</u>	nggupan Pembekal
Sukacita membuat pengesahan perakuan yang syarikat saya,	
Bersetuju untuk membuat pembekalan barang / perkakas / perkhid	matan sebagaimana dalam
Tawaran / sebut harga bilangan :	
	COP SYARIKAT
Tarilda	COF STARRAL
Tarikh:	
*	7. The state of th
1	
Pemilik Syarikat / CEO / Pengarah	
Pengesahan Penerima Jabatan:	
Tarikh Penerima Pebekalan	
(Hendaklah Mengikuti seperti yang telah	

Borang asal perakuan hendaklah dihantar bersama-sama dengan "Purchase Order" (P.O) and invoice

Arahan:

Borang yang siap disikan oleh pembekal yang diluluskan hendaklah disertakan bersama-sama dengan "Purchase Order" (P.O) dan invoice apabila tuntutan penyelesaian pembayaran dibuat.



### SITE VISIT DECLARATION FORM

### (Tenderer's Confirmation of Visit Project Site)

Quotation No.	: KHEU / BDP / 164 / 1008 / 2024	KHEU / BDP / 164 / 1008 / 2024			
Project Title : TERM CONTRACT FOR MAINTENANCE AND EMERGENCY INCLUDING COMPOUND AREA UNDER JABATAN PENG MINISTRY OF RELIGIOUS AFFAIRS, NEGARA BRUNEI DAI		JABATAN PENGAJIAN ISLAM			
Name of Tenderer	:				
Date of Site Visit	: Time :	_ AM / PM			
I/We hereby confirm	ned that I/We have:-				
Visited the	e site.				
A clear un	derstanding on the nature and scope of wo	rks.			
Anticipate	ed the constraints/restriction, etc. of the work	c site.			
Acknowled	dge the requirements to submit working dra	wing/any related works in c	quotation submissio	n.	
The Tende	erer inquiries (please specify, if any):				
Note:		_			
Ple	ease attached this Form A together with the	quotation submission	Company'	s Stamp	
Tenderer's Signature					
Tenderer's Name :					
Date	Date :				
		L			
Site Visit attendance	X.				
No.	Name	Organisation	Contact No.	Signature	
1					
2					
3					
4					
5					
7					
8		_	-		
9					
10		A TIP			
		1000		SV/1	