

JABATAN KERJA RAYA MALAYSIA

**KERJA-KERJA SENGARA DAN BAIKPULIH FASILITI DI SEKOLAH  
KEBANGSAAN JERANGAU, DUNGUN, TERENGGANU (TAWARAN SEMULA)**

**SENARAI KUANTITI**

Kami seperti nama syarikat di bawah mengesahkan tawaran harga yang tersenarai di dalam senarai kuantiti ini adalah sama sepertimana di dalam Borang Tender yang dihasilkan di dalam sistem dan sebarang percanggahan akan menyebabkan tawaran kami ditolak.

- A. Nama Syarikat: **Nama Petender**
- B. CIDB/UPKJ/PUKONSA No.: **No.Pendaftaran Petender**
- C. Harga Tawaran: **Harga Tawaran Petender**
- D. No. Siri Tender: **TEND/JKRNT/BKUB/19/2024**
- E. Tarikh Cipta Senarai Kuantiti: **20/10/2024**

Senarai kuantiti ini dikeluarkan oleh kontrak dan ukur bahan jkr negeri terengganu. Sebarang pertanyaan boleh berhubung dengan pegawai yang menyediakan tender dan maklumat pegawai untuk dihubungi boleh didapati di laman iklan.

# **JABATAN KERJA RAYA MALAYSIA**

## **KERJA-KERJA SENGGARA DAN BAIKPULIH FASILITI DI SEKOLAH KEBANGSAAN JERANGAU, DUNGUN, TERENGGANU (TAWARAN SEMULA)**

### **SENARAI KUANTITI**

No. Tender: TEND/JKRNT/BKUB/19/2024

**RINGKASAN TENDER**

**KERJA-KERJA SENGARA DAN BAIKPULIH FASILITI DI SEKOLAH KEBANGSAAN  
JERANGAU, DUNGUN, TERENGGANU (TAWARAN SEMULA)**

ITEM	DESCRIPTION	PAGE NO.	AMOUNT(RM)
A	PRELIMINARIES	A/SUM/1	
B	BUILDING WORKS (ALL PROVISIONAL)	B/SUM/1	
C	EXTERNAL WORKS (ALL PROVISIONAL)	C/SUM/1	
D	PRIME COST SUM	D/SUM/1	
E	PROVISIONAL SUM	E/SUM/1	
Sila pilih:			-

**BILL NO. A : PRELIMINARIES****KERJA-KERJA SENGARA DAN BAIKPULIH FASILITI DI SEKOLAH KEBANGSAAN  
JERANGAU, DUNGUN, TERENGGANU. (TAWARAN SEMULA)**

ITEM	DESCRIPTION
<b>1.0</b>	<b>GENERAL INFORMATION TO BILLS OF QUANTITIES</b>
1.1	The Works contained in the Contract shall include the provision of all labour, materials, constructional plant, temporary or permanent works as required in the Contract.
1.2	The Bills of Quantities shall be read in conjunction with the Conditions of Contract, the Specification and the Drawings in the Contract Documents.
1.3	The items as set out in the Bills of Quantities shall apply to the whole of the Works contained in the Contract and the Contractor shall allow for compliance with the same and for any cost
1.4	Headings are not comprehensive and do not necessarily reflect or modify the meaning of the items in the B.Q. The exact nature and extent of the work to be carried out shall be ascertained by reference to the Contract as a whole, in particular the Conditions of Contract, the Specification and the Drawings. It shall be read together with the relevant "Method of Payment".
1.5	The amounts inserted by the Contractor for such items shall be deemed to apply to the whole of the Works carried out under this Contract.
1.6	Each item shall be individually priced. Bulk pricing for sections, trades, groups or pages of items shall not be allowed and no subsequent claims for loss or expense and/or profit shall be entertained for failure to comply with this clause.
1.7	<p>The rates and prices inserted in the Bills of Quantities shall include cost of the works described, all risks, liabilities and obligations set forth or implied in the Contract Document and shall be deemed to include the following, unless expressly stated otherwise:</p> <ul style="list-style-type: none"> <li>a) the provision of labour and all costs in connection therewith;</li> <li>b) the supply of materials, goods, equipment and storage thereof including delivery to site and all costs in connection therewith;</li> <li>c) taking delivery of materials, goods and equipment necessary for the Works and including those supplied by others, loading and unloading, storage and all costs in connection therewith;</li> <li>d) the usage of plants and machineries and all costs in connection therewith;</li> <li>e) the fixing, erecting and installing or placing in position of materials, goods and equipment including around obstruction, tolerance, penetration, working space, over-breaks etc. and all costs in connection therewith;</li> <li>f) the provision of all temporary works, and all costs in connection therewith unless separately provided for in the Bills of Quantities.</li> </ul>

**BILL NO. A : PRELIMINARIES****KERJA-KERJA SENGARA DAN BAIKPULIH FASILITI DI SEKOLAH KEBANGSAAN  
JERANGAU, DUNGUN, TERENGGANU. (TAWARAN SEMULA)**

ITEM	DESCRIPTION
	<p>g) the phasing requirements of the Works including the effect on the programming of the Works of all traffic and drainage diversions, special structural requirements, earthwork restrictions, alterations to services and street lighting (executed under the Contract or in conjunction with it) and all other requirements of the Contract and all costs in connection therewith;</p> <p>h) all cost of testing to show proof of compliance with the Specification on materials and workmanship inclusive of samples of materials and submission of tests results. Should the frequency of testing and sampling not specified, then it shall be in accordance with the relevant Malaysian/British Standards and Codes of Practice. Where there is no such relevant Standards and Codes of Practice for reference, it shall then be as instructed by the S.O.;</p> <p>i) all royalties and dues which the Contractor may be required to pay;</p> <p>j) wastage;</p> <p>k) establishment charges, overheads and profit;</p> <p>l) whatsoever method of construction the Contractor may adopt.</p> <p>Where any priced item in the B.Q. but has not been executed on site by the Contractor, the cost of such priced item shall accordingly be deducted from the Contract Sum.</p>
1.8	Where any priced item in the B.Q. but has not been executed on site by the Contractor, the cost of such priced item shall accordingly be deducted from the Contract Sum.
1.9	All items priced shall be deemed to include compliance with the provisions of the contract, statutes, regulation, by-laws or any order or directive issued by public authority or public service company and other related legislation currently in force.
<b>2.0</b>	<b>MEASUREMENT</b>
2.1	Quantities in the BQ are measured in accordance with Malaysian SMM of Building Works (2nd Edition Metric 2000). Where departure have been made from the standards mentioned, the method adopted in the Bills shall be adhered to for the purposes of ascertaining the value of all variations and measurements.
<b>3.0</b>	<b>UNPRICED ITEMS</b>
3.1	Where any item is left unpriced, it shall be deemed that the cost of such item has been allowed for elsewhere within this document. No subsequent claims arising out of expense and/or loss incurred against such unpriced item shall be entertained.

**KERJA-KERJA SENGARA DAN BAIKPULIH FASILITI DI SEKOLAH KEBANGSAAN  
JERANGAU, DUNGUN, TERENGGANU. (TAWARAN SEMULA)**

ITEM	DESCRIPTION
<b>4.0</b>	<b>GENERAL ATTENDANCE FOR NOMINATED SUB-CONTRACTORS AND NOMINATED SUPPLIERS</b>
4.1	<p>Attendance and facilities for Nominated Sub-contractors and nominated suppliers shall include:</p> <p>(a) in the case of works or services executed : for allowing the use of existing working space, access, temporary roads, erected scaffolding, sanitary, welfare and other facilities existing on Site and the provision of protection, water, electricity for lighting and clearing away rubbish and debris arising from the work;</p> <p>(b) in the case of goods, materials or services supplied: for taking delivery, unloading, storing, protection and returning crates, cartons and packing materials,</p> <p>all as specified in the specification.</p>
<b>5.0</b>	<b>PHASING SEQUENCE OF OPERATIONS AND METHODS OF CONSTRUCTION</b>
5.1	The rates and prices shall, unless otherwise stated, include for the costs of compliance with any restrictions imposed on the programming of the Works by the Government and Local Authorities and other relevant authorities dealing with phasing sequence of operations, method of construction, safety and health and liaison and access.
<b>6.0</b>	<b>TRIALS, SAMPLES, TESTS AND INSPECTION</b>
6.1	The rates and prices shall include for a testing laboratory or laboratory approved by SIRIM or accredited by Department of Standard Malaysia (JSM), equipment and staff for carrying out the tests, tests and the effects on the progress of the Works for the carrying out of all trials, sampling and tests whether specified in the Contract Document or otherwise in order to ensure compliance with the requirements of the Specification except where separately itemised in the Bill of Quantities.
<b>7.0</b>	<b>EXISTING SERVICES AND MAINS</b>
7.1	The Contractor shall include in his rates and prices for taking measures to locate the actual position and provide support and full protection of existing services and mains and other equipment and machineries during the progress of the Works. The Contractor shall inform the S.O. of all arrangements with all Statutory and Public Utility Authorities.
<b>8.0</b>	<b>WORK UNDER WATER</b>
8.1	The rates shall include any costs arising from and in connection with the execution of work under water wherever required unless otherwise stated.

**KERJA-KERJA SENGARA DAN BAIKPULIH FASILITI DI SEKOLAH KEBANGSAAN  
JERANGAU, DUNGUN, TERENGGANU. (TAWARAN SEMULA)**

ITEM	DESCRIPTION																																	
9.0	<b>PHRASEOLOGY</b>																																	
9.1	Differences in the method of billing and in phraseology used in various parts of the Bills of Quantities and/or Schedule of Rates shall not be a basis of any claim for an increase in the rates and prices.																																	
10.0	<b>PROVISIONAL SUMS</b>  All provisional sums included in the Bills of Quantities are intended to be approximate indications only of the amounts to be expended in respect of the work described and may be omitted entirely or substantially varied without entitling the Contractor to any claim for compensation. No part of the Contractor's overhead, expenses or profit should be included in these sums when the bill is priced unless items for profit and attendance are specifically allowed for.																																	
11.0	<b>CURRENCY OF PAYMENT</b>																																	
11.1	Pricing of the Contract shall be in Malaysian Ringgit to two decimal place. Payment to the Contractor under the Contract shall be in Malaysian Ringgit.																																	
12.0	<b>TEMPORARY DIVERSIONS</b>  Work in connection with the temporary diversion and relocation of existing overhead and underground services, whether detailed in the Contract or not shall be covered by the appropriate Lump Sum Items in Bill No. 1 : Preliminaries and General Conditions unless separately measured in other parts of the Bills of Quantities.																																	
13.0	<b>ABBREVIATIONS</b>																																	
13.1	<p>The following abbreviations or symbols are generally used in the Contract Document and shall be read as follows:</p> <table><tr><td>a) mm</td><td>:</td><td>milimetre</td></tr><tr><td>b) m</td><td>:</td><td>metre</td></tr><tr><td>c) m2</td><td>:</td><td>square metre</td></tr><tr><td>d) m3</td><td>:</td><td>cubic metre</td></tr><tr><td>e) kg</td><td>:</td><td>kilogramme</td></tr><tr><td>f) tonne</td><td>:</td><td>metric ton</td></tr><tr><td>g)No.</td><td>:</td><td>Number</td></tr><tr><td>h)L.S.</td><td>:</td><td>Lump Sum</td></tr><tr><td>i) P.C. Sum</td><td>:</td><td>Prime Cost Sum</td></tr><tr><td>j) P.S.</td><td>:</td><td>Provisional Sum</td></tr><tr><td>k) RM</td><td>:</td><td>Ringgit Malaysia</td></tr></table>	a) mm	:	milimetre	b) m	:	metre	c) m2	:	square metre	d) m3	:	cubic metre	e) kg	:	kilogramme	f) tonne	:	metric ton	g)No.	:	Number	h)L.S.	:	Lump Sum	i) P.C. Sum	:	Prime Cost Sum	j) P.S.	:	Provisional Sum	k) RM	:	Ringgit Malaysia
a) mm	:	milimetre																																
b) m	:	metre																																
c) m2	:	square metre																																
d) m3	:	cubic metre																																
e) kg	:	kilogramme																																
f) tonne	:	metric ton																																
g)No.	:	Number																																
h)L.S.	:	Lump Sum																																
i) P.C. Sum	:	Prime Cost Sum																																
j) P.S.	:	Provisional Sum																																
k) RM	:	Ringgit Malaysia																																

KERJA-KERJA SENGARA DAN BAIKPULIH FASILITI DI SEKOLAH KEBANGSAAN  
JERANGAU, DUNGUN, TERENGGANU. (TAWARAN SEMULA)

ITEM	DESCRIPTION
14.0	<p><b>SCOPE OF WORKS</b></p> <p>The works included under this Contract comprises :</p> <p><i>A. PRELIMINARIES AND GENERAL CONDITIONS</i></p> <p><i>B. BUILDING WORKS</i></p> <p>i) BLOK A (3 LEVEL)</p> <p>ii) BLOK B (3 LEVEL)</p> <p>iii) BLOK C (3 LEVEL)</p> <p>iv) MAKMAL KOMPUTER</p> <p>v) KANTIN</p> <p>vi) SURAU</p> <p>vii) POS PENGAWAL</p> <p><i>C. EXTERNAL WORKS</i></p> <p><i>D. PRIME COST SUM</i></p> <p><i>E. PROVISIONAL SUM</i></p>
15.0	<p><b>LOCATION OF SITE</b></p> <p>The site for the proposed Works is located at Sekolah Kebangsaan Jerangau, Dungun, Terengganu.</p>



**KERJA-KERJA SENGARA DAN BAIKPULIH FASILITI DI SEKOLAH KEBANGSAAN  
JERANGAU, DUNGUN, TERENGGANU. (TAWARAN SEMULA)**

ITEM	DESCRIPTION	AMOUNT (RM)
A	<p><b>Project Signboard</b></p> <p>The Contractor shall provide, erect, paint and maintain a project signboard as directed by the S.O.. The signboard shall be erected at a prominent position at the Site as approved by the S.O.</p>	
B	<p><b>Site Survey and Setting Out</b></p> <p>The Contractor shall employ a licensed surveyor to carry out site surveys before commencement and setting out of the Works.</p>	
C	<p>For the purpose of complying with Tenaga Nasional Berhad's (TNB) requirement, the Contractor shall prepare 15 sets of pre-computation plan which comprised of the survey plan for the TNB Substation. The said pre-computation plan shall be based on the overall certified survey plan by a Licensed Land Surveyor engaged by the Contractor for the project (measured separately). The pre-computation plan shall be prepared and certified by a Licensed Land Surveyor engaged by the Contractor and submitted to the S.O. for approval.</p>	
D	<p><b>Temporary Diversion and Relocation of Existing Overhead and Underground Services</b></p> <p>The Contractor shall enquire from the various authorities and make arrangements for the disconnection, removal, relocation and reconnection of services and pay all necessary cost and fees in connection therewith and make good all damage as specified.</p>	
E	<p><b>Construction Plan</b></p> <p>The Contractor shall submit to the S.O. for his approval the following as</p> <ul style="list-style-type: none"> <li>a) Programme of Works</li> <li>b) Method statements</li> <li>c) Contractor's organisation chart</li> <li>d) Schedules</li> <li>e) <del>Quality Assurance Plan for Works Contract worth RM10 Million and above</del></li> </ul> <p><del>i) Provide a quality Assurance Team full time on Site for the institution, administration and maintenance of the Quality Assurance Plan and the preparation and submission of all Quality Assurance Reports as specified, throughout the duration of the contract.</del></p> <p><del>— ii) The Contractor shall appoint a suitably qualified and experienced person to act solely as a Quality Assurance Officer full time on site to lead Quality Assurance Team. (Refer Addendum to specification for project worth RM 10</del></p>	
<b>To Collection</b>		

**KERJA-KERJA SENGARA DAN BAIKPULIH FASILITI DI SEKOLAH KEBANGSAAN  
JERANGAU, DUNGUN, TERENGGANU. (TAWARAN SEMULA)**

ITEM	DESCRIPTION	AMOUNT (RM)
	<b>Contractor's Plant</b>	
A	The Contractor shall provide, erect, keep insured, maintain and remove on completion all requisite scaffolding, hoist, crane, construction plant, ladder, staging, tarpaulins, tools, vehicles, tackles and other plants and apparatus (excluding piling and pile testing equipment), as necessary for the execution of the Works as specified.	
	<b>Temporary Power and Water Supplies For The Works</b>	
B	The Contractor shall provide adequate power and water supplies for the execution of the works including paying all associated costs and fees as specified.	
	<b>Site Security</b>	
C	The Contractor shall provide all necessary personnel and lighting for the security of the site at all times until completion of the whole Works as specified.	
	<b>Temporary Access And Maintenance Of Existing Roads</b>	
D	The Contractor shall provide and maintain all necessary temporary roads, culverts, tracks, bridges, et cetera for access to and within the Site as long as required to the approval of the S.O. as specified.	
E	The Contractor shall maintain all access including existing roads, bridges, drains, culverts, roadside furniture, and all other appurtenances and services on such roads throughout the construction period. The Contractor shall make good any above mentioned item damaged by anywork carried out by him.	
F	The Contractor shall reinstate the same to their original condition to the satisfaction of S.O and provide support and full protection of existing services and mains during the progress of the Works. The Contractor shall inform the S.O. of all arrangements with the various authorities.	
	<b>Control Of Workmen, Plant And Machinery At Site</b>	
G	The Contractor shall ensure the safety, health and welfare at work of all his workmen as specified.	
	<b>Contractor's Temporary Accommodation And Facilities For Workmen Living On Site</b>	
H	The Contractor shall provide and maintain temporary accommodation including all necessary facilities and services for water supply, drainage, sanitation and lighting for his staff as specified.	
<b>To Collection</b>		

**BILL NO. A : PRELIMINARIES****KERJA-KERJA SENGARA DAN BAIKPULIH FASILITI DI SEKOLAH KEBANGSAAN  
JERANGAU, DUNGUN, TERENGGANU. (TAWARAN SEMULA)**

ITEM	DESCRIPTION	AMOUNT (RM)
A	<p><b>Contractor's Office And Storage</b></p> <p>The Contractor shall provide and maintain Contractor's office and storage on the Site in positions as approved by the S.O. and as specified.</p>	
B	<p><b>Care And Protection Of Materials And Works</b></p> <p>The Contractor shall provide and maintain everything necessary for proper protection of materials and Works from any damage by weather , carelessness or otherwise. Any damage caused shall be made good at the Contractor's own cost to the approval of the S.O</p>	
C	<p><b>Shop Drawings, Samples And Mock-ups</b></p> <p>The Contractor shall submit relevant shop drawings, samples of materials or workmanship and mock-ups units, manufacturer's specifications, et cetera for the S.O's approval as specified.</p>	
D	<p><b>Progress Photographs</b></p> <p>The Contractor shall take progress photographs at monthly intervals or more frequently as directed by the S.O. and submit to the S.O. as specified.</p>	
E	<p><b>Material Testing Laboratory And Staff</b></p> <p>The Contractor shall provide/erect a testing laboratory within the site or rent a premise or propose an accredited laboratory approved by SIRIM or accredited by Department of Standard Malaysia (JSM). The Laboratory shall be equipped with the necessary equipment and staff required to carry out the tests as identified in <b>APPENDIX A/4</b> (List of Laboratory Equipment).</p>	
F	<p><b>Office Accommodation For S.O.</b></p> <p>The Contractor shall provide and maintain a site office or relocatable site office or rent a premise for the use of the JKR supervisory staff which shall meet the requirement of the JKR design as specified.</p>	
G	<p><b>Telephone For S.O.</b></p> <p>The Contractor shall provide a permanent telephone at the S.O.'s site office for the sole use of the S.O. and his representatives as specified.</p>	
H	<p><b>Survey Instruments And Personnel</b></p> <p>The Contractor shall provide all such instruments, equipment and survey personnel as specified until thirty (30) days after the issuance of the Certificate of Practical completion as per S.O. required.</p>	
<b>To Collection</b>		

**KERJA-KERJA SENGARA DAN BAIKPULIH FASILITI DI SEKOLAH KEBANGSAAN  
JERANGAU, DUNGUN, TERENGGANU. (TAWARAN SEMULA)**

ITEM	DESCRIPTION	AMOUNT (RM)
	<b>Site Items For S.O./Office Equipment And Facilities</b>	
A	The Contractor shall provide all Personal Protective Equipment required for the use of the S.O. and his supervisory staff complete as specified and complying with DOSH requirements.	
B	The Contractor shall provide suitable types of fire extinguishers as specified.	
C	The Contractor shall provide the equipment and facilities as listed as specified in <b>APPENDIX A/2</b> for the use of the S.O., his representatives and staff throughout the Contract Period.	
D	The contractor shall provide <del>suitable</del> transportation service by means of vehicle(s) including licensed and competent driver(s) as specified in <b>APPENDIX A/3</b> throughout the duration of the original Contract Period.	
	<b>Safe Working Area</b>	
E	The Contractor shall supply, erect, maintain and remove on completion of the Works, scaffolding and working platform with safety nettings, catch platforms, safety barricades, fencing, railing, screen wire netting and toe board, guardrails or board fences and sufficient illuminations, all as specified.	
F	The Contractor shall supply, erect, maintain and remove on completion of the Works, adequate, protective and security hoarding, scaffolding and working platform with safety nettings and such other safety measures necessary to ensure the safety of the workers, personnel, public and others at or within the vicinity of the Site, all as specified.	
	<b>Safety, Health And Welfare</b>	
G	The Contractor shall ensure the safety, health and welfare at work site as specified including but not limited to :  a) Provision of First Aid Kit  b) Pest control including keeping the site clean and dry to prevent breeding of mosquitoes, rodents, insects and vermin of any kind.  c) Fogging at regular intervals	
H	The Contractor shall employ a <del>Safety &amp; Health Officer (SHO)</del> registered with DOSH for the entire contract period to be stationed fulltime at the site (for works exceeding RM 20 million contract value)	
I	The Contractor shall employ a Site Safety Supervisor (SSS) registered with DOSH to be stationed a minimum of 15 hours a week at the site for the entire duration of the construction period.	
<b>To Collection</b>		

**KERJA-KERJA SENGARA DAN BAIKPULIH FASILITI DI SEKOLAH KEBANGSAAN  
JERANGAU, DUNGUN, TERENGGANU. (TAWARAN SEMULA)**

ITEM	DESCRIPTION	AMOUNT (RM)								
	<p><b>Safety, Health And Welfare (Cont'd)</b></p> <p>A The Contractor shall submit 5 copies of Safety and Health Plan (S-Plan) as required in <b>APPENDIX A/5</b> as specified.</p> <p>B The Contractor shall submit 5 copies of monthly Safety and Health Report as required in <b>APPENDIX A/6</b> as specified.</p> <p>C The Contractor shall provide and maintain adequate traffic safety and control including signages, warning lights and flagmen as necessary.</p> <p><b>Keeping The Site Tidy</b></p> <p>D The Contractor shall make every effort to keep the Site in a reasonably clean and tidy condition for the duration of the Works as specified.</p> <p><b>Coordination Of Mechanical And Electrical (M &amp; E) Services</b></p> <p>E The Contractor shall be responsible for coordinating the implementation of all M&amp;E works as specified and appoint M&amp;E Services Coordinator based on project cost as follows :</p> <table><tr><th>Project Cost (RM)</th><th>Minimum requirement of M &amp; E Coordinator</th></tr><tr><td>Below RM 10 Million</td><td>1 CoW</td></tr><tr><td>Between 10 to 50 Million</td><td>1 Engineer &amp; 1 CoW</td></tr><tr><td>More Than 50 Million</td><td>1 Engineer &amp; 2 CoW</td></tr></table> <p><b>As-built Drawings and Documentation</b></p> <p>F Pursuant to the terms of the contract, the Contractor shall provide approved As-built drawings as follows :</p> <p>1. Four (4) sets of As-built drawings as actually constructed pertaining to the Works including all services and facilities systems and all supporting documents such as Operation and Maintenance Manual, Testing and Commissioning Certificates;</p> <p>2. Four (4) sets of Digital Copies in AUTOCAD (.dwg) or any other compatible format to be stored in compact discs or removable storage; and</p> <p>3. Four (4) sets of Digital Copies in Acrobat (.pdf) or any other compatible format to be stored in compact discs or removable storages.</p> <p>G The As-built documentation and drawings supplied shall be submitted by the Contractor to the satisfaction of the S.O. as to allow for a complete understanding of the Works as they were actually built.</p> <p><b>Clearing, Cleaning And Making Good On Completion</b></p> <p>H The Contractor shall clear and clean the Works including existing roads, drains bounding the Site of any debris, earth, et cetera, and make good all damages upon completion as specified.</p>	Project Cost (RM)	Minimum requirement of M & E Coordinator	Below RM 10 Million	1 CoW	Between 10 to 50 Million	1 Engineer & 1 CoW	More Than 50 Million	1 Engineer & 2 CoW	
Project Cost (RM)	Minimum requirement of M & E Coordinator									
Below RM 10 Million	1 CoW									
Between 10 to 50 Million	1 Engineer & 1 CoW									
More Than 50 Million	1 Engineer & 2 CoW									
To Collection										

**KERJA-KERJA SENGARA DAN BAIKPULIH FASILITI DI SEKOLAH KEBANGSAAN  
JERANGAU, DUNGUN, TERENGGANU. (TAWARAN SEMULA)**

ITEM	DESCRIPTION	AMOUNT (RM)
	<b>Official Visit to Overseas*</b>	
A	<p>To provide and manage official visit programmes for a maximum of three (3) numbers of Government's Official/Personnel (including one (1) technical officer to attend and /or conduct Pre-Delivery Inspection, factory Evaluation Test, Project Monitoring Report, Executive Reporting Meeting, Final Acceptance Test, Transfer of Title or Training* at the country where the product is manufactured or/and where the programmes will be held inclusive all the related allowance and necessary expenditure for the Government's Official/Personnel throughout the programme as follows:</p> <p>i. Meals Allowance;  ii. Transportation Cost;  iii. Accommodation Cost; and  iv. Other allowance claimable by the Government's Official/Personnel as per PP/WP 1.4</p>	
B	<p>The list and ranks of the Government's Official/Personnel for the official visit programme are as follows:</p> <p>i. Jawatan Utama Sektor Awam (JUSA) (..... no.);  ii. J54 (.....  iii. J52 (.....  iv. J48 (.....  v. J41 (.....  vi. ....; *  vii. ....; *</p>	
C	The duration for the official visit for Pre-Delivery Inspection, factory Evaluation Test, Project Monitoring Report, Executive Reporting Meeting, Final Acceptance Test, Transfer of Title or Training* shall not exceed seven (7) days (not inclusive of the travelling days).	
D	The duration of the official visit for Training are .....** Days (not inclusive of the travelling days).	
E	The Contractor shall provide all the receipts/ invoice or other relevance documentation for the assessment of the S.O. before any payment will be made to the Contractor for the expenditures made for the official visit to the overseas programme.	
F	<p>If the sum priced in this item is not used either wholly or in part, the S.O. reserved the rights to deduct the amount from the Contract Sum.</p> <p>* Delete if not applicable  ** Insert number of days</p>	
<b>To Collection</b>		

**KERJA-KERJA SENGARA DAN BAIKPULIH FASILITI DI SEKOLAH KEBANGSAAN  
JERANGAU, DUNGUN, TERENGGANU. (TAWARAN SEMULA)**

ITEM	DESCRIPTION	AMOUNT (RM)
A	<p><b>Form of Contract</b></p> <p>The Contractor shall refer to the Standard Form of Contract for further information. The Contractor may price here for all the expenses involved in complying with the terms of these Clauses, otherwise such expenses are deemed to be included elsewhere.</p>	
B	<p><b><u>Clause No. 13 – Performance Bond / Performance Guarantee Sum</u></b></p> <p>Performance Bond</p> <p>For due observance and performance of this contract the Contractor shall have to provide:</p> <p>i) Performance Bond in the form of an approved Bank or Insurance Guarantee equal to five percent (5%) of the contract sum to be deposited with the Government as a condition precedent to the commencement of any work under this contract.</p> <p>ii) The Performance Bond shall remain valid and effective for the duration as specified in the Contract.</p>	
C	<p><b><u>Clause No.15</u></b></p> <p>Insurance Against Personal Injuries And Damages To Property</p>	
D	<p><b><u>Clause No. 16</u></b></p> <p>Indemnities to Government in Respect of Claim by Workmen</p>	
E	<p><b><u>Clause No. 17</u></b></p> <p>Employees' Social Security Act, 1969</p>	
F	<p><b><u>Clause No. 18</u></b></p> <p>Insurance of Works.</p>	
G	<p><b><u>Clause No.22 - Design</u></b></p> <p>Sub-clause No. 22.2 - Design Guarantee Bond</p> <p>Design Guarantee Bond substantially in the form of Bank Guarantee for Design Guarantee Bond (PWD DGB 1/2011) appended in the Tender Document.</p>	
H	<p><b><u>Clause No. 35 - Materials, Goods And Workmanship</u></b></p> <p>Opening up of work for inspection or testing of materials or goods.</p>	
I	<p><b><u>Clause No. 59 - Site Agent And Assistants</u></b></p> <p>The Contractor shall keep constantly on the Site for the full duration of the Contract a competent, efficient, suitably qualified, experienced and good character Site Agent and his assistants in each trade as may be necessary, who must be capable of receiving instructions in Bahasa Malaysia, and in default it shall be the responsibility of the Contractor to provide replacement for them and all wages and other expenses in connection with the employment of such replacement site agent and assistants. Any directions, explanations or instructions given to such site agent by the S.O. shall be deemed to have been given to the Contractor under this contract. provide all necessary Superintending order .</p>	
<b>To Collection</b>		

**LIST OF ESTIMATED QUANTITY FOR S.O'S PERSONAL PROTECTIVE EQUIPMENT (PPE)**

No	Items	Cost of Projects			
		< RM 5 Mil	RM 5 Mil - RM 20 Mil	> RM 20 mil. - RM 50 mil.	> RM 50 mil.
1.	Safety Boots	5 pairs	10 pairs	15 pairs	20 pairs
2.	Safety Helmets	5 pcs	10 pcs	15 pcs	20 pcs
3.	Full Body Harness (for working at height) if required	If required	10 pcs	If required	If required
4.	Protectige gloves	If required	10 pcs	If required	If required
5.	Safety Goggles	If required	10 pcs	If required	If required
6.	Safety Jackets of reflective type	If required	10 pcs	If required	If required
7.	Ear plugs and muffs	If required	10 pcs	If required	If required
8.	Dust masks	If required	10 pcs	If required	If required
9.	Head lamp	If required	10 pcs	If required	If required
10.	MP (Proba Mankistosh)	If required	2 sets	If required	If required
11.	.....(insert other item if required)				

\* The Contractor shall provide necessary space / furniture for storage



**LIST OF S.O.'S FACILITIES AND EQUIPMENT****1. Komputer Peribadi termasuk pencetak (*printer*) – Tidak klon**Justifikasi :

- a) Untuk memberi kemudahan penyimpanan data yang berkaitan dengan pengurusan dan penyelarasan projek menggunakan Sistem Skala.
- b) Untuk penyediaan bayaran kemajuan dan dokumen berkaitan pentadbiran kontrak.
- c) Untuk menganalisa data bagi perancangan projek.
- d) Untuk mewujudkan sistem rekod data yang lebih mudah dirujuk dan sistematik.
- e) Untuk memudahkan kerja pemantauan dan penyediaan laporan projek.

Spesifikasi Komputer PC

- Komputer Multimedia yang berjenama (bukan klon) yang memenuhi spesifikasi terkini yang lengkap dengan CDRW, DVDRW dan speaker serta dibekalkan dengan perisian terkini berlesen.

**HP ENVY Recline 27-k301d TouchSmart All in One or equivalent – (1 unit)**

<b>Display</b>	27" diagonal FHD WLED-backlit touch screen (1920 x 1080)
<b>Operating system</b>	Window 10
<b>Processor</b>	Intel® Core™ i7-4790T with Intel HD Graphics 4600 (2.7 GHz, 8MB cache, 4 cores)
<b>Chipset</b>	Intel H87
<b>Memory</b>	16 GB 1600 MHz DDR3L (2 x 8 GB)
<b>Memory slots</b>	2 SODIMM
<b>Internal drive</b>	2 TB 5400 rpm SATA SSHD
<b>External Hard Disk</b>	1 TB USB 3.0
<b>Optical drive</b>	Slim Tray SuperMulti Blu-ray Player
<b>Graphics</b>	NVIDIA GeForce 830A (2 GB DDR3 dedicated)
<b>Ports</b>	2 USB 3.0, 2 USB 2.0 & 1 headphone and back bottom wireless dongle
<b>Memory card device</b>	3-in-1 memory card reader
<b>Webcam</b>	Integrated webcam with microphone

**HP ENVY Recline 27-k301d TouchSmart All in One or equivalent – ( 1 unit )(cont'd)**

<b>Audio features</b>	BEATS audio™ Studio Quality Sound
<b>Keyboard</b>	Wireless Keyboard with volume control and wireless optical mouse
<b>Network interface</b>	Integrated 10/100/1000 Gigabit Ethernet LAN
<b>Wireless</b>	802.11a/b/g/n (2x2) and Bluetooth® 4.0 MiniCard combo MIMO
<b>Power Supply Type</b>	12 W active PFC AC power adapter
<b>Dimensions (W x D x H)</b>	26.52 x 65.54 x 48.77 cm
<b>Weight</b>	14.58 kg
<b>Warranty</b>	3 years limited parts, labour and on-site service, toll-free technical phone support for the first 30 day
<b>Software included</b>	Licenced Microsoft Office 2010 or latest -Autocad -Internet Security latest version – 3 years Licensed HP Recovery Manager

**Additional Pheripherals for each PC**

- 1500VA Blackout UPS-5 output sockets with AVR control
- Altec Lansing ACS Speaker system with Subwoofer

**2. KOMPUTER RIBA ( LAPTOP ) termasuk pencetak (printer) – Tidak klon****Justifikasi :**

- a) ~~Untuk memberi kemudahan pengurusan maklumat di tapak atau tempat berbeza.~~
- b) ~~Untuk memberi kemudahan penyimpanan data yang berkaitan dengan pengurusan dan penyelarasan projek menggunakan Sistem Skala.~~
- c) ~~Untuk menganalisa data bagi perancangan projek.~~
- d) ~~Untuk mewujudkan sistem rekod data yang lebih mudah dirujuk dan sistematik.~~
- e) ~~Untuk memudahkan kerja pemantauan dan penyediaan laporan projek.~~

**Acer Nitro 5 AN515-55-537A-16-W10 15.6" Laptop/ Notebook (i5-10300H, 16GB, 512GB, NV-RTX3060, W10H, 144Hz) – ( 1 unit )**

<b>Operating System</b>	Windows 10 Home
<b>Processor</b>	Intel® Core i5-10300H Processor – 2.5GHz, 8M Cache, 4-Cores – Max Turbo Frequency 4.5GHz
<b>Memory</b>	16GB-DDR4 RAM

**Acer Nitro 5 AN515-55-537A-16-W10 15.6" Laptop/ Notebook (i5-10300H, 16GB, 512GB, NV-RTX3060, W10H, 144Hz) (cont'd)**

<b>Storage</b>	512GB PCIe NVMe SSD
<b>Display</b>	15.6" display with IPS (In-Plane Switching) technology, Full-HD 1920 x 1080, high-brightness (300 nits) Acer-ComfyView™ LED-backlit TFT LCD
<b>Graphics</b>	NVIDIA® GeForce® RTX™ 3060 with 6GB of dedicated-GDDR6 VRAM
<b>Communications</b>	IEEE 802.11 a/b/g/n+ac+ax Wi-Fi 6 AX201 Supports Bluetooth® 5.0
<b>Ports &amp; Connectors</b>	HDMI Yes USB Yes Number of USB 3.2 Gen 1 Port 2-Number of USB 3.2 Gen 2 Port 1 Network (RJ-45) Yes
<b>Battery</b>	4-Cell Lithium-Ion (Li-Ion) Up to 9 Hour
<b>Dimensions(WxDxH)</b>	23.9 (W) x 363.4 (D) x 255 (H) mm
<b>Weight</b>	2.3 kg
<b>Camera</b>	720HD Webcam supporting Super-high-dynamic-range imaging
<b>Mouse</b>	Wireless optical mouse

### **3. PROJEKTOR : ALL IN ONE ( 1 unit )**

Justifikasi :

Membuat kerja-kerja pembentangan dokumen-dokumen bagi tujuan laporan dan pelaksanaan projek, mesyuarat dan juga di dalam pentadbiran dan pengurusan projek.

One (1) number new 'Projektor' shall be of the following requirements as listed below.

- I. Maksimum WXGA 1280 X 800 pixels
- II. Maksimum 3000 lumens
- III. HDMI Video / Audio input ; dan
- IV. 15-pin VGA

**LIST OF S.O'S TRANSPORT SERVICES**

Provide, operate and maintain the following transportation service for the S.O. and his staff as of the certificate of Practical Completion, as specified:

NO	ITEM	UNIT	QTY	RATE	AMOUNT
A	<del>4WD completely knocked down (CKD) only maximum 2500 c.c diesel with turbocharge and standart accessories</del>	<del>NO</del>	<del>±</del>		
B	<p><del>Motorcycle to maximum 150 c.c</del></p> <p><del>the vehicle shall be used by the S.O. and his staff exclusively for the project. The vehicle shall be kept after office hours for safe keeping at the official site office or in the compound of JKR office while the vehicle is in the custody of the Government. JKR logo size 14" x 14" for 4WD and 5" x 5" for motorcycle, the name of the project and telephon number S.O shall be printed on the left and right sides of the front door and on top of back door of the vehicle. On completion of the contract the logo and name of the project shall be erased.</del></p> <p><del>The contractors hall ensure that the vehicle are provided with the drivers as approved by the S.O. The driver shall be employed by the Contractor who will pay their salary, claims, gratuity, bonus etc. during the entire contract period.</del></p> <p>The contractor shall pay road tax, insurance (comprehensive cover with passenger liability cover) for the said vehicle, all fuel bills, car parking, maintenance, repair and servicing expenses and ensure that the vehicle is, in the opinion of the S.O in a road worthy condition during aforesaid period</p>	<del>NO</del>	<del>±</del>		

## LIST OF LABORATORY EQUIPMENT

**REQUIREMENTS OF SAFETY AND HEALTH PLAN (S-PLAN)**

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

## REQUIREMENT OF SAFETY AND HEALTH REPORT

- 1 Related OSH programme:
- 2 Incident statistic from daily notification of any accident, near misses, lost time injuries, death and ill-health with action taken: in accordance with OSH (Notification of Accident,
- 3 Related OSH issues on complaints, Non-compliance, damage and actions taken;
- 4 Status on S-Plan and HIRARC;
- 5 List of workmen permit, CIDB Green Card, tools and machineries;
- 6 Traffic and other related safety control

**APPENDIX A/7****TABLE A2 : ENVIRONMENTAL QUALITY STANDARDS TO BE COMPLIED WITH BY THE  
THE CONTRACTOR**

Aspects	Parameter	JKR EMS Set Target	Environment Quality (Sewage) Regulations		National Water Quality Standards (NWQS)	
			Standard A	Standard B	Class IIA	Class IIB
Soil	Soil less	Minimum earthwork Phase construction ≤ 6 berms/benches for slopes (≤6m per berm) Reuse topsoil				
Water <sup>1'2</sup>	Turbidity	≤ 200 NTU	-	-	≤ 50 NTU	
	Suspended Solid	≤ 100 mg/l	≤ 50 mg/l	≤ 100 mg/l	≤ 50 mg/l	
	Biochemical Oxygen Demand <sub>5</sub> @, 20°C (BOD) <sub>5</sub>	≤ 50 mg/l	≤ 20 mg/l	≤ 50 mg/l	≤ 3 mg/l	
	Chemical Oxygen Demand (COD)	≤ 100 mg/l	≤ 120 mg/l	≤ 200 mg/l	≤ 25 mg/l	
	pH	5.5-9	6-9	5.5-9	6-9	
	E-Coli	400 counts / 100 m	-	-	counts/ 100ml	counts/ 100ml
	Dissolved Oxygen(DO)	≥ 4 mg/l	-	-	5-7 mg/l	
	Oil and Grease	≤ 10 mg/l	≤ 5 mg/l	≤ 10 mg/l	≤ 40 µg /l, N	
	Ammoniacal Nitrogen	-	≤ 10 mg/l	≤ 20 mg/l	≤ 0.3 mg/l	
Silt trap and Sediment Basin Discharge	Turbidity	≤ 250 NTU	-	-	-	
	Total Suspended Solids	≤ 50 mg/l	-	-	-	
Air <sup>3</sup>	Total Suspended Particulate (TSP)		≤ 260 µg /m³/day			
Noise <sup>4</sup>	Equivalent Noise Level, L <sub>10</sub> , L <sub>90</sub> ,		Receiving Land Use (residential/sensitive)			
Vibration <sup>5</sup>	Vertical Vibration Peak Velocity (mm/s)		Not more than 3 mm/s at receiver location			
Coral Reef Health	Level coral cover according to Reef Check Procedure		Maintain live coral cover of fair category (26% to 50% live coral cover)			



BILL NO. A : PRELIMINARIES

KERJA-KERJA SENGARA DAN BAIKPULIH FASILITI DI SEKOLAH  
KEBANGSAAN JERANGAU DUNGUN, TERENGGANU (TAWARAN SEMULA)

ITEM	DESCRIPTION	AMOUNT (RM)
	<b><u>COLLECTION</u></b>	
	From Page A/1	
	From Page A/2	
	From Page A/3	
	From Page A/4	
	From Page A/5	
	From Page A/6	
	From Page A/7	
	From Page A/8	
	From Page A/9	
	From Page A/10	
	From Page A/11	
	From Page A/12	
	From Page A/13	
	From Page A/14	
	From Page A/15	
	From Page A/16	
	From Page A/17	
	From Page A/18	
	From Page A/19	
	From Page A/20	
	From Page A/21	
	To Ringksan Tender	

SUMMARY OF BUILDING

KERJA-KERJA SENGARA DAN BAIKPULIH FASILITI DI SEKOLAH KEBANGSAAN JERANGAU,  
DUNGUN, TERENGGANU (TAWARAN SEMULA)

ITEM	DESCRIPTION	PAGE	AMOUNT (RM)
B	BUILDING WORKS (ALL PROVISIONAL)		
	B1 - BLOK A (3 LEVEL)	B1/SUM/1	
	B2 - BLOK B (3 LEVEL)	B2/SUM/1	
	B3 - BLOK C (3 LEVEL)	B3/SUM/1	
	B4 - MAKMAL KOMPUTER	B4/SUM/1	
	B5 - KANTIN	B5/SUM/1	
	B6 - SURAU	B6/SUM/1	
	B7 - POS PENGAWAL	B7/SUM/1	
TOTAL AMOUNT CARRIED TO RINGKASAN TENDER			RM

ITEM	DESCRIPTION	PAGE	AMOUNT (RM)
	<b><u>SUMMARY</u></b>		
	ELEMENT 1 - DEMOLITION WORKS	FROM PAGE B1/E1/6 OF 6	
	ELEMENT 2 - WORK BELOW LOWEST FLOOR FINISH	FROM PAGE B1/E2/ 2 OF 2	
	ELEMENT 3 - STAIRCASE AND HANDRAILING	FROM PAGE B1/E3/2 OF 2	
	ELEMENT 4 - WINDOW, VENT AND DOORS	FROM PAGE B1/E4/3 OF 3	
	ELEMENT 5 - FINISHES	FROM PAGE B1/E5/3 OF 3	
	ELEMENT 6 - SANITARY FITTINGS	FROM PAGE B1/E6/3 OF 3	
TOTAL AMOUNT TO SUMMARY OF BUILDING			RM

20/10/2024 - 4:25 PM



Item	Description	Unit	Qty	Rate	Amount
	<p><b><u>ELEMENT NO. 1 - DEMOLITION WORKS (CONT'D)</u></b></p> <p><b><u>(ALL QUANTITIES ARE PROVISIONAL)</u></b></p> <p><u>Notes (Cont'd)</u></p> <p><b><u>Overload Existing Structure</u></b></p> <p>a) The Contractor shall, all materials arising from the demolition must not be stacked or allowed to accumulate on existing structures in such way as to endanger their stability.</p> <p>b) The demolition contractor will held entirely responsible for damage arising from the cause.</p> <p><b><u>Protection Works</u></b></p> <p>a) Allow for an adequate temporary protection be provided to existing area, material and services and new material which has been installed on site with approved materials byt heS.O. (designated for construction use) including removal upon completion to its original condition at the point of official take overstability.</p> <p>b) Protect, uphold and maintain all existing Mechanical and Electrical services and in use pipes, ducts, sewers, services mains, underground cables, etc. During the execution of the Works, unless otherwise directed. If the Contractor discovers any underground cables, pipes, etc, he shall immediately stop work and report to the SO/SO's Representative of the findings. The Contractor shall be responsible for making good all damages to the cable, pipes, etc. and shall indemnify the Government against any claims as a results of such damage.</p>	-	-	-	-
		-	-	-	-
		-	-	-	-
		-	-	-	-
<b>TO COLLECTION</b>				<b>RM</b>	-

Item	Description	Unit	Qty	Rate	Amount
<b><u>ELEMENT NO. 1 - DEMOLITION WORKS (CONT'D)</u></b>  <b><u>(ALL QUANTITIES ARE PROVISIONAL)</u></b>  <b><u>DEMOLISHING WORKS</u></b>  <b><u>Existing Structures</u></b>  <u>Demolish of existing structure and all associated works; including related temporary work; making good existing structure and finishing disturbed; carting away to contractor's own dumping and preparation for new work to satisfactory of the S.O.</u>					
A	Single leaf door (wood)	no	13		
B	Single leaf door (PVC)	no.	12		
C	Double leaves door	no	18		
D	Double leaves Fire Rated Door	no	5		
E	Top Hung netting (450 mm x 450mm)	no	100		
F	Single Door Frame	no	12		
G	Double door frame	no	2		
H	Double door grille	no	10		
I	Gypsum board wall	m2	40		
J	Perimeter drain (dia 200mm)	m	15		
K	White board and soft board	m2	100		
L	Adjustable Louvers Window	no	100		
<b><u>Existing Finishes</u></b>  <u>Removing existing finishings; carting away all debris to contractor's own dump and making good all works disturbed to satisfactory of the S.O.</u>  <u>Carefully hack-off existing floor finishes including skirting and screed; cleaning off to receive new finishing (measured separately)</u>					
M	To floor	m²	300		
N	Tiling to all Toilet	m²	300		
<b>TO COLLECTION</b>				<b>RM</b>	

Item	Description	Unit	Qty	Rate	Amount
	<p><b><u>ELEMENT NO. 1 : DEMOLITION WORKS (CONT'D)</u></b></p> <p><b><u>(ALL QUANTITIES ARE PROVISIONAL)</u></b></p> <p><u>Carefully clean up all existing painted works, make good wall surfaces of cracks; prepare surfaces to receive new finishing (measured separately)</u></p>				
N	Existing wall, column surfaces and soffit slab	m²	200		
	<p><b><u>Existing Furniture &amp; Fittings</u></b></p> <p><u>Dismantle existing fittings and fixtures prior to demolition; making good existing structure and finishing disturbed; carting away to contractor's own dumping and preparation for new work to satisfactory of the S.O.</u></p>				
O	Pedestal Water Closet	no	2		
P	Squitting Pan	no	2		
Q	Tap	no	7		
R	Sinki with connector and pipe discharge	no	15		
S	Flush cistern	no	10		
	<b><u>Remove existing ironmongeries</u></b>				
T	Door lock	no	10		
TO COLLECTION				RM	



Item	Description	Unit	Qty	Rate	Amount
	<p><b><u>ELEMENT NO. 1 - DEMOLITION WORKS (CONT'D)</u></b></p> <p><b><u>(ALL QUANTITIES ARE PROVISIONAL)</u></b></p>				
	<p><b><u>COLLECTION</u></b></p>				
	<p>PAGE B1/E1/ 4 OF 6</p>			RM	
	<p>PAGE B1/E1/ 5 OF6</p>			RM	
<p><b>TOTAL ELEMENT NO. 1 - DEMOLITION :</b></p> <p><b>- CARRIED TO SUMMARY :</b></p>					RM

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (RM)
	<p><b><u>ELEMENT NO. 2 : WORK BELOW LOWERST FLOOR FINISH</u></b> <b><u>(ALL QUANTITIES PROVISIONAL)</u></b></p> <p><b><u>ANTI TERMITE TREATMENT</u></b></p> <p>Information :</p> <p><u>The termite treatment application shall be carried out by a termite control company approved by the S.O.</u></p> <p><u>Method of treatment shall be submitted to the S.O for approval. All relevant documents, certificate of approval, guarantee letter, brochures and technical catalogues shall be submitted to the S.O before commencement of works.</u></p> <p><u>The contractor shall cause the termite control company to provide a guarantee which may arise during a period of five (5) years from the date of Practical Completion Of The Works whereby within the period, the company shall make annual inspection at lease once a year or based on building owner's report and carry out maintenance works when necessary.</u></p> <p><u>The contractor shall be held responsible on all works done by the termite control company.</u></p>				
A	Work drilling holes with a distance of 450mm around the building and planting poisons or chemicals of each hole including re-closing the hole with sealant cement after completion.	no	150		
B	Spray on truss timber in ceilings,frames, doors, windows and wooden furniture.	m <sup>2</sup>	300		
TO COLLECTION					RM

20/10/2024 - 4:25 PM

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (RM)
A	<b>ELEMENT NO. 3 - STAIRCASE AND HANDRAILING (ALL QUANTITIES PROVISIONAL)</b>				
	<b><u>METALWORK</u></b>  <u>Repair work, scraping old paint, cleaning rust with string brushes, anti-rust spray on railings and balustrades provided including repainting work on the railing surface, balustrades of building stairs with two (2) layers of metal paint according to JKR specifications and instructions of the Authorized Officer.</u>				
	To Handrail, Balustrades and Railing	m <sup>2</sup>	60		
TO COLLECTION					RM



ITEM	DESCRIPTION	UNIT	QTY	RATE (RM)	AMOUNT (RM)
<b><u>ELEMENT NO. 4 - WINDOWS, VENTS AND EXTERNAL DOORS</u></b>					
<b><u>(ALL QUANTITIES ARE PROVISIONAL)</u></b>					
<b><u>Concrete Work (Lintol)</u></b>					
<u>Precast concrete grade C30/37 as specified;reinforced with mild steel bars and high tensile bar reinforcement;fair finish all faces as per drawing no. PKRT.800-5</u>					
A	i)Lintol type B (1200mm)	no	2		
<b><u>DOOR FRAME</u></b>					
<u>Supply and install; complete in position approved galvanised iron door frame of 1.2mm thickness;pre-coated to profile and colour selected by the S.O.;including all necessary wire fixing tie and accessories to manufacturer's instruction and all to the entire satisfaction by the S.O.</u>					
C	To suit opening size 900mm x 2100mm high	no	11		
D	To suit opening size 1500mm x 2100mm high	no	2		
<b><u>DOOR LEAF</u></b>					
<b><u>Timber Panel Solid Door</u></b>					
<u>Supply and fixed door complete on position with approved type and thickness complete with frame timber/metal, door closer, door stopper, ironmongery and all including painting and finishing all as per drawings no. JKR/CA/13/123/W17/018/PT-01 and JKR/CA/13/123/W17/018/PT-02</u>					
<u>Single leaf hardwood panel door or other approved equivalent</u>					
E	Overall size 900mm x 2100mm high	no	13		
<u>Double leaf hardwood panel door or other approved equivalent</u>					
F	Overall size 1500mm x 2100mm high	no	2		
<b>TO COLLECTION</b>				<b>RM</b>	

ITEM	DESCRIPTION	UNIT	QTY	RATE (RM)	AMOUNT (RM)
	<p><b><u>ELEMENT NO. 4 : WINDOWS, VENTS AND DOORS (cont'd)</u></b></p> <p><b><u>ALL QUANTITIES ARE PROVISIONAL</u></b></p> <p><b><u>Fire Rated Door</u></b></p> <p>Supply and fix in position the following 2 hour fire rated door including metal framing and all necessary accessories ironmongery all manufactured to the approved of Fire Authorities including obtaining test certificate</p>				
G	<p>To existing frame</p> <p><b><u>PVC Door</u></b></p> <p>Supply and fix in position the following PVC door including framing and all necessary accessories ironmongeries accordance with the manufacturer's details as per drawing no. CA/P-KK3/10/26/PEL12/032/P/4</p>	no	5		
H	<p>To galvanised iron door frame</p> <p><b><u>Adjustable Louvers Window</u></b></p> <p>Supply and fixed Adjustable Glass Louvers Window (8 blade) With 5mm Thk Glass C/With With Aluminium Powdercoated to existing frame and all accessories as per S.O. approval.</p>	no	12		
I	<p>5mm Thick frosted blade glass</p> <p>Supply and fixed complete in position approved Aluminium Powdercoated Adjustable Glass Louvers Window complete frame With 5mm Thk Glass and all to manufacturer's detail as specified all as per drawings no. JKR/CA/LK/02/JP/01</p>	m <sup>2</sup>	50		
J	<p>Maintenance existing Adjustable Glass Louvers Window until perfectly as per S.O. approval.</p> <p><b><u>Top Hung</u></b></p> <p>Supply and fix complete with all necessary accessories ( e.g bracket, screwed) in position approved m.s BRC (50mm x 50mm hole) hotdip galvanise coated With 3mm thick wire and all to manufacturer's detail as specified all as per S.O. approval.</p>	no	100		
K	<p>To existing top hung frame.</p> <p><b><u>Grille</u></b></p> <p><u>Stainless Steel Grille</u></p> <p>Openable security grille comprising of 15mm x 15mm stainless steel hollow section frame, 15mm x 15mm stainless steel and all welded together including lockset all manufactured to as per S.O. approval.</p>	m <sup>2</sup>	25		
L	<p>To door ( 1500mm x 2100mm )</p>	m <sup>2</sup>	25		
TO COLLECTION				RM	

ITEM	DESCRIPTION	UNIT	QTY	RATE (RM)	AMOUNT (RM)
	<p><u>ELEMENT NO. 4 - WINDOWS, VENTS AND EXTERNAL DOORS (cont'd)</u></p> <p><u>ALL QUANTITIES ARE PROVISIONAL</u></p>				
	<p><u>COLLECTION</u></p>				
	<p>FROM PAGE B1/E4/ 1 of 3</p>			RM	
	<p>FROM PAGE B1/E4/ 2 of 3</p>			RM	
<p>TOTAL ELEMENT NO. 4- WINDOW, VENT &amp; DOOR : - CARRIED TO SUMMARY :</p>					RM



ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (RM)
	<b><u>ELEMENT NO. 5 - FINISHES</u></b> <b><u>(ALL QUANTITIES PROVISIONAL)</u></b> <b><u>Finishes External</u></b>  <b><u>Painting</u></b> <u>Make good (rubbed down, scrapping etc) and prepare and apply one coat approved alkali resisting sealer and two coats of acrylic weather resistant paint all in accordance to manufacturer's instuction as specified:</u>				
D	New plastered wall ,existing wall & soffit slab	m <sup>2</sup>	500		
E	Existing fixed ceiling	m <sup>2</sup>	150		
F	To facia board	m <sup>2</sup>	40		
	<u>Make good (rubbed down, scrapping etc) and prepare and apply anti-corrosion one coat approved alkali resisting primer and two coats of gloss enamel paint as specified :-</u>				
F	To metal surface	m <sup>2</sup>	200		
	<b><u>Internal Finishes</u></b>				
	<b><u>Floor</u></b>				
	<u>30mm Thick cement and sand (1:3) rendering as specified; steel trowelled; internally</u>				
G	To floor	m <sup>2</sup>	180		
	<b><u>Homogenous Tiles</u></b>				
	<u>600mm x 600mm x 8.5mm Thick anti-slip homogenous tiles laid in pattern, bedded, jointed and pointed in matching coloured cement as described on cement and sand screed (measured separately) as specified pattern approved by the</u>				
H	To floor.	m <sup>2</sup>	180		
I	To skirting 100mm high	m	50		
TO COLLECTION					RM

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (RM)
	<b>ELEMENT NO. 5 - FINISHES ( CONT'D)</b> <b>(ALL QUANTITIES PROVISIONAL)</b> <b><u>GYPSUM BOARD</u></b> <u>89mm thick approved Boral Standard partition with 50mm thick boral sounblock and comprising single layer of boral standard core 12.5mm thick on both sides screw fixed onto rondo 64x33x0.55mm BMT stud spaced at 610mm centres max. Board surface to be flushed finished using boral paper tape 50mm width and boral premix jointing compound or equivalent, all necessary framing, finishes both sides and accessories all accordance to manufacturer's details Architect and S.O's approval as a specified</u>				
J	102mm thick  <b><u>FENCING AND GATES</u></b> <b><u>OPEN TYPE FENCING</u></b> <u>Ply tec PTC 580 Series (Anti Climb &amp; Anti Cut)</u> <u>Ply tec PTF 580 Series fencing hot dip galvanised roll top constructed of 75mm (V) x 125mm (H) grid spacing with 4mm diameter wire, square hollow section 65mm x 65mm x 23mm (thickness) post complete with flat bar 38mm x 23mm thickness and M8 carriage bolt and nut at 3000mm height of post every 2400mm length and other necessary accessories as manufacturer's details and specifications; all post embedded in reinforced concrete to engineer's details as per drawing no.PKRT.a. and JKR/CA/P-KK7B(1)/10/26/PEL15/008/SPP03</u>	m <sup>2</sup>	40		
K	PTF 580 series fencing 1800mm high overall  <b><u>GATES</u></b> <b><u>Mild steel sliding Gate</u></b> Mild Steel Sliding Gate; constructed of 100mm x 50 mm rectangular hollow section steel frames to be weld together to infill with 15mm x 15mm rectangular hollow section steel bar; complete with and including roller, 50mm x 50mm mild steel roller track; bolt and nut; all post embedded in and including reinforced concrete foundation; with and all necessary excavation , formwork, reinforcement, accessories and painting to steel works as specified complete all as per Architect's drawing no. PKRT.a. SP(D)91/1A and CA/P-KK7/10/26/PEL12/023/PP-01 and all relevant Engineer's drawing	m	50		
L	To suite opening size 1200mm x 2000m high	no	2		
<b>TO COLLECTION</b>				<b>RM</b>	



ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (RM)
	<p><b><u>ELEMENT NO. 6 - SANITARY FITTINGS</u></b></p> <p><b><u>(ALL QUANTITIES PROVISIONAL)</u></b></p> <p><b><u>Water Closet</u></b></p> <p><u>'Johnson Suisse Sheffield' or other approved equivalent back to wall washdown pedestal Water Closet (wc). S trap c/w Johnson Suisse seat and cover and SAN-EL V950 25mm expose lever activated W.C FLUSHVALVE c/w 700 x 300 L-shape brass flush pipe.</u></p> <p><u>WC Pan with S or P trap conversion bend to B.S.5627; fixing pan and cistern brackets with screws and setting pan in tiled concrete floor including plugging and screwing cistern brackets to tiled wall and working or making good floor and wall tiling around.</u></p>				
A	To existing position	no	2		
B	Supply and fixed Flush Cistern with all any necessary fitting to water closet and padestal wc	no	10		
C	Squatting Pan	no	2		
	<p><b><u>Table Top</u></b></p> <p><u>Construct and complete reinforcement concrete 80mm thick raised up floor including all necessary concrete work, reinforcement, formwork and approved homogenous tiles ( 600mm x 600mm ) finished including all other item to complete construction of raised up floor as per S.O approved.</u></p>				
D	600mm width x 900mm high	m	15		
	<p><b><u>Basin</u></b></p> <p><u>Johnson Suisse Yale overcounter basin or the approved equivalent vitreous china oval above counter wash hand basin size 400mm x 400mm complete PVC bottle trap and PVC waste and setting in concrete top including jointing outlet to waste pipe</u></p>				
E	To Table Top	no	4		
	<p><b><u>Tap</u></b></p> <p><u>DOE SL98 Prime' or other approved equivalent single lever chrome plated brass basin tap (1/2") with aerator and Pelangi/Suria CP brass handle as specified and 'manufacturer's detail</u></p>				
F	To basin.	no	7		
TO COLLECTION					RM

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (RM)
A	<b><u>ELEMENT NO. 6 - SANITARY FITTINGS (Cont'd)</u></b>				
	<b><u>(ALL QUANTITIES PROVISIONAL)</u></b>				
	<b><u>Soap Dispenser</u></b> <u>'Doe' Serengeti SB 1501 or other approved equivalent stainless steel soap dispenser size 210H x 125L x 76T)mm</u>				
A	To Table Top	no	2		
B	<b><u>Mirror</u></b> <u>Approved bevelled edge plate 1st class polished plate glass mirror complete with 25mm thick waterproof plywood backing and fixed with chromium plated dome headed fixing screws and cork washers</u>				
	600mm x 900mm x 6mm Thick CWB mirror (M1)	no	9		
C	<b><u>TESTING</u></b> <b><u>Sanitary Fittings</u></b>				
	On completion of the plumbing installation test all apparatus, sanitary fittings, piping and fittings, make good any defects and leave the whole in perfect working order to the entire satisfaction of the Superintending Officer.	item			
TO COLLECTION					RM
B1/E6/ 43 of 194					20/10/2024 - 4:25 PM

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (RM)
	<div><div><div>ELEMENT NO. 6 - SANITARY FITTINGS (Cont'd)</div><div>(ALL QUANTITIES PROVISIONAL)</div></div><div><div>COLLECTION</div><div>PAGE B1/E6/ 1 OF 3</div><div>PAGE B1/E6/ 2 OF 3</div></div></div>				
TOTAL ELEMENT NO. 6 - SANITARY FITTINGS : - CARRIED TO SUMMARY :					

BILL NO. B2 - BLOK B (3 LEVEL)

SK JERANGAU

ITEM	DESCRIPTION	PAGE	AMOUNT (RM)
	<b><u>SUMMARY</u></b>		
	ELEMENT NO. 1 - DEMOLITION WORKS	FROM PAGE B2/E1/ 5 OF 5	
	ELEMENT NO. 2 - WORK BELOW LOWEST FLOOR FINISH	FROM PAGE B2/E2/ 2 OF 2	
	ELEMENT NO. 3 - STRUCTURE REPAIR WORKS	FROM PAGE B2/E3/ 2 OF 2	
	ELEMENT NO. 4 - ROOF	FROM PAGE B2/ E4/ 3 OF 3	
	ELEMENT NO. 5 - STAIRCASE AND HANDRAILING	FROM PAGE B2/E5/ 2 OF 2	
	ELEMENT NO. 6 - WINDOW, VENT AND EXTERNAL DOORS	FROM PAGE B2/E6/ 3 of 3	
	ELEMENT NO. 7 - FINISHES	FROM PAGE B2/E7/ 3 of 3	
	ELEMENT NO. 8 -FURNITURE	FROM PAGE B2/E8/ 2 of 2	
TOTAL AMOUNT TO SUMMARY OF BUILDING			RM

20/10/2024 - 4:25 PM





Item	Description	Unit	Qty	Rate	Amount
	<p><b><u>ELEMENT NO. 1 - DEMOLITION WORKS (CONT'D)</u></b></p> <p><b><u>(ALL QUANTITIES ARE PROVISIONAL)</u></b></p> <p><u>Notes (Cont'd)</u></p> <p><b><u>Overload Existing Structure</u></b></p> <p>a) The Contractor shall, all materials arising from the demolition must not be stacked or allowed to accumulate on existing structures in such way as to endanger their stability.</p> <p>b) The demolition contractor will held entirely responsible for damage arising from the cause.</p> <p><b><u>Protection Works</u></b></p> <p>a) Allow for an adequate temporary protection be provided to existing area, material and services and new material which has been installed on site with approved materials byt heS.O. (designated for construction use) including removal upon completion to its original condition at the point of official take over stability.</p> <p>b) Protect, uphold and maintain all existing Mechanical and Electrical services and in use pipes, ducts, sewers, services mains, underground cables, etc. During the execution of the Works, unless otherwise directed. If the Contractor discovers any underground cables, pipes, etc, he shall immediately stop work and report to the SO/SO's Representative of the findings. The Contractor shall be responsible for making good all damages to the cable, pipes, etc. and shall indemnify the Government against any claims as a results of such damage.</p>				
	<b>TO COLLECTION</b>			<b>RM</b>	-

Item	Description	Unit	Qty	Rate	Amount
<b><u>ELEMENT NO. 1 - DEMOLITION WORKS (CONT'D)</u></b>					
<b><u>(ALL QUANTITIES ARE PROVISIONAL)</u></b>					
<b><u>DEMOLISHING WORKS</u></b>					
<b><u>Existing Structures</u></b>					
<u>Demolish of existing structure and all associated works; including related temporary work; making good existing structure and finishing disturbed; carting away to contractor's own dumping and preparation for new work to satisfactory of the S.O.</u>					
A	Adjustable Louvers Window	no	50		
B	5mm Thick frosted blade glass	no	80		
C	Existing plasticiser	m <sup>2</sup>	20		
D	Double leaves door	no	2		
E	Single leaf door (PVC)	no.	8		
F	Ridge cap	m	30		
G	Pvc gutter included bracket	m	50		
<u>Removing existing finishings; carting away all debris to contractor's own dump and making good all works disturbed to satisfactory of the S.O.</u>					
H	Carefully take out all types of existing suspended ceiling finishes including framing and structuring; and all related works; prepare and make good to receive new finishing (measured separately)	m <sup>2</sup>	50		
I	Carefully take out all types of existing fixed ceiling finishes including framing and structuring; and all related works; prepare and make good to receive new finishing (measured separately)	m <sup>2</sup>	80		
J	Existing External awning	no	23		
<b>TO COLLECTION</b>				<b>RM</b>	

Item	Description	Unit	Qty	Rate	Amount
	<div>ELEMENT NO. 1 - DEMOLITION WORKS (CONT'D) (ALL QUANTITIES ARE PROVISIONAL)</div> <div><u>COLLECTION</u></div> <div>PAGE B2/E1/ 4 OF 5</div>				
TOTAL ELEMENT NO. 1- DEMOLITION : - CARRIED TO SUMMARY :					RM

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (RM)
	<p><b><u>ELEMENT NO. 2 : WORK BELOW LOWERST FLOOR FINISH</u></b>  <b><u>(ALL QUANTITIES ARE PROVISIONAL)</u></b></p> <p><b><u>ANTI TERMITE TREATMENT</u></b></p> <p>Information :</p> <p><u>The termite treatment application shall be carried out by a termite control company approved by the S.O.</u></p> <p><u>Method of treatment shall be submitted to the S.O for approval. All relevant documents, certificate of approval, guarantee letter, brochures and technical catalogues shall be submitted to the S.O before commencement of works.</u></p> <p><u>The contractor shall cause the termite control company to provide a guarantee which may arise during a period of five (5) years from the date of Practical Completion Of The Works whereby within the period, the company shall make annual inspection at lease once a year or based on building owner's report and carry out maintenance works when necessary.</u></p> <p><u>The contractor shall be held responsible on all works done by the termite control company.</u></p>				
A	Work drilling holes with a distance of 450mm around the building and planting poisons or chemicals of each hole including re-closing the hole with sealant cement after completion.	no	300		
B	Spray on truss timber in ceilings,frames, doors, windows and wooden furniture.	m <sup>2</sup>	200		
TO COLLECTION					RM



ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (RM)
	<p><b><u>ELEMENT NO. 3 - STRUCTURAL REPAIR WORKS</u></b></p> <p><b><u>(ALL QUANTITIES PROVISIONAL)</u></b></p> <p><b><u>Spalling Concrete</u></b></p> <p>Notes :  <u>Rates to include supply all the necessary labours materials, tool, safety measures, temporary access and supervision to rectify defects on reinforced concrete slabs, beams and columns</u></p> <p><b><u>Hand Patching - Repair Area Less Than or Equal to 0.5m²</u></b></p> <p><b><u>Cut Back Concrete</u></b></p> <p>A Cut back the concrete surface to remove all defective, unsound or spalled concrete to expose the full circumference of the steel and to a depth minimum 20mm behind the existing main bars. The depth of breakout on the edge of any repair area shall be minimum of 50mm and feather edges will not be accepted. The perimeter of the area to be repaired shall cut using suitable tools to the approval of the S.O.</p> <p><b><u>Cleaning of Concrete Surface</u></b></p> <p>B Apply abrasive approved method to get rid of all dirt, grease and other contaminants as specified to fully exposed concrete surface to the approval of the S.O.</p> <p><b><u>Preparation of Reinforcement</u></b></p> <p>C Remove rusts around the reinforcement grit blasting or other approved methods using appropriate tools. Supply and apply a layer of zinc rich anti-corrosion primer to the approval of the S.O.</p> <p>Drawing No. CKASJ.BFJ/SRD/2010/01</p>	m²	20		
		m²	20		
		m²	20		
	<b>TO COLLECTION</b>			<b>RM</b>	

20/10/2024 - 4:25 PM



ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (RM)
	<b>ELEMENT 4 - ROOF</b>  <b><u>(ALL QUANTITIES PROVISIONAL)</u></b>  <b><u>Rates to includes:-</u></b>  <u>Rates for the PRT and rafter shall include all necessary materials, fabricating, delivery to site, hoisting and fixing in position, all fixing accessories including holding down bolt or ram setting, all ancillary item and temporary works for the complete installation of the PRT.</u>  <u>Rates for the PRT shall also include for design fees, testing for compliance, quality assurance and control and all other necessary cost for patent right design, trademark or name.</u>  The following sawn pressure treated timber (SG2) roof trusses as specified:				
A	50mm x 50mm	m	20		
B	50mm x 75mm	m	20		
C	50mm x 100mm	m	20		
D	50mm x 125mm	m	50		
	<b><u>Roof Finishes And Coverings</u></b>				
E	"Monier Contour Tiles or other approved equivalent interlocking concrete glazed tiles as specified laid on and including 50mm x100mm sawn pressured treated timber (SG2)and 25mm x 50mm (SG2) battens at approved centres including wire nails at every course all in strict accordance with the manufacturer's instructions and to the approval of S.O	m <sup>2</sup>	50		
F	Approved intercocking ridge capping to match roof tiling bedded, jointed and pointed in waterproofed coloured cement mortar (1:3) as specified	m	20		
	<b>TO COLLECTION</b>			<b>RM</b>	

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (RM)
	<b>ELEMENT 4 - ROOF ( CONT'D)</b>  <b><u>(ALL QUANTITIES PROVISIONAL)</u></b>  <b><u>Insulation Works</u></b>  <u>50mm thick 40kg/m³ fibre glass wool insulation laid on roof trusses and including 24 gauge 50mm hexagon wibe mesh (measured nett - no allowance made for laps)</u>  Approved double sided aluminium foil insulation as specified				
G	Laid on and fixed to rafter	m²	50		
	<b><u>Fascia Board (Peleh)</u></b> <b><u>Metal Deck Fascia Board</u></b>				
H	Fascia board location front and back view with covering as same roof material and frame including all necessary works	m	150		
	<b><u>Rain Water Down Pipe</u></b> <u>UPVC pipe as specified complete with accessories from 'Arensi-Marley' or equivalent.</u>				
I	150mm dia. PVC downpipes fixed to brick/concrete or enchased in concrete work with and including all accessories necessary works	m	30		
J	<u>Extra Over</u> swan neck	no	2		
K	<u>Extra Over</u> for bend	no	2		
L	Embedded in concrete floor	m	15		
M	Balloon grating	no	2		
	<b><u>Gutter</u></b>				
N	200mm width UPVC gutter fixed to fascia board with and including brackets and all necessary as proved by S.O	m	70		
<b>TO COLLECTION</b>				<b>RM</b>	

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (RM)
	ELEMENT 4 - ROOF ( CONT'D) <u>(ALL QUANTITIES ARE PROVISIONAL)</u>  <u>COLLECTION</u>  PAGE B2/E4/1 OF 3   <				

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (RM)
	<div>ELEMENT NO. 5- STAIRCASE AND HANDRALING (ALL QUANTITIES ARE PROVISIONAL)</div> <div><u>Painting Works</u></div> <div>Work on scraping old paint, cleaning rust with string brushes, anti-rust spray on railings and balustrades provided including repainting work on the railing surface, balustrades of building stairs with two (2) layers of metal paint according to JKR specifications and instructions of the Authorized Officer.</div>	m²	50		
TO COLLECTION					RM

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (RM)
	<div>ELEMENT NO. 5 - STAIRCASE AND HANDRAILING ( CONT'D) (ALL QUANTITIES ARE PROVISIONAL)</div> <div>COLLECTION</div> <div>PAGE B2/E5/ 1 OF 2</div>				
TOTAL ELEMENT NO. 5 - STAIRCASE & HANDLING : - CARRIED TO SUMMARY :					

ITEM	DESCRIPTION	UNIT	QTY	RATE (RM)	AMOUNT (RM)
	<b><u>ELEMENT NO. 6 - WINDOWS, VENTS AND DOORS</u></b> <b><u>(ALL QUANTITIES ARE PROVISIONAL)</u></b> <b><u>DOOR LEAF</u></b> <b><u>Timber Panel Solid Door</u></b> <u>Supply and fixed door complete on position with approved type and thickness complete with frame timber/metal, door closer, door stopper, ironmongery and all including painting and finishing all as per S.O Approval.</u>  <u>Double leaf hardwood panel door or other approved equivalent</u>				
A	Overall size 1500mm x 2100mm high	no	2		
	<b><u>Adjustable Louvers Window</u></b> <u>Supply and fixed Adjustable Glass Louvers Window (8 blade) With 5mm Thk Glass C/With With Aluminium Powdercoated to existing frame and all accessories as per S.O. approval.</u>	no	50		
C	5mm Thick frosted blade glass	m <sup>2</sup>	30		
	<u>Supply and fixed complete in position approved Aluminium Powdercoated Adjustable Glass Louvers Window complete frame With 5mm Thk Glass and all to manufacturer's detail as specified all as per S.O. approval.</u>				
D	Maintenance existing Adjustable Glass Louvers Window until perfectly as per S.O. approval.	no	70		
	<b><u>Aluminium Casement Window</u></b> <u>Supply and fix complete with all necessary accessories ironmongeries ( e.g hinges, closer, latch) in position approved Aluminium Powdercoated casement window complete frame With 5mm thick tinted glass and all to manufacturer's detail as specified all as per S.O. approval.</u>				
E	Double(2) leave window(sliding type) to existing timber frame	m <sup>2</sup>	20		
F	Single leaf window (fixed type) to existing timber frame (type fixed)	m <sup>2</sup>	20		
	<b><u>Grille</u></b> <b><u>Mild Steel Grille</u></b> <u>Openable security grille comprising of 15mm x 15mm mild steel hollow section frame, 15mm x 15mm mild steel and 25mm x 25mm C Channel all welded together including lockset all manufactured to complete with all necessary accessories ironmongeries ( e.g hinges, closer, latch) and including painting with one undercoat and two coat gloss enamel paint all as per S.O. approval.</u>				
G	To window	m <sup>2</sup>	20		
H	To door	m <sup>2</sup>	20		
TO COLLECTION				RM	

ITEM	DESCRIPTION	UNIT	QTY	RATE (RM)	AMOUNT (RM)
	<b><u>Ironmongeries</u></b>  <u>Supply annd fix the following or other equavalent approved ironmongeries inluding providing requiesite matching screw as described</u>  <u>Door Cylindrical Lock</u>  I StGuchi JDCD-V58871/60mm or other approved equavalent stainless steel cylindrical lock  <u>Handles Lock</u>  J DORMA Pure 8100 Satin or other approved equuivalent stainless SUS 304 lever handle on rose c/w escutcheom (LH1)	no	4		
		no	6		
TO COLLECTION RM					

ITEM	DESCRIPTION	UNIT	QTY	RATE (RM)	AMOUNT (RM)
	<p><u>ELEMENT NO. 6 : WINDOWS, VENTS AND DOORS</u>  <u>(cont'd)</u>  <u>ALL QUANTITIES ARE PROVISIONAL</u></p>				
	<p style="text-align: center;"><u>COLLECTION</u></p> <p style="text-align: right;">From Page B2/E6/1 of 3</p>			RM	
	<p style="text-align: right;">From Page B2/E6/2 of 3</p>			RM	
TOTAL ELEMENT NO. 5 - WINDOW, VENT & DOORS :					RM
- CARRIED TO SUMMARY :					



ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (RM)
	<p><b><u>ELEMENT NO. 7 - EXTERNAL FINISHES</u></b></p> <p><b><u>(ALL QUANTITIES PROVISIONAL)</u></b></p> <p><b><u>External Finishes</u></b></p> <p><b><u>Fixed Ceiling ( new )</u></b></p> <p><u>4.5mm thick asbestos free fibre cement flat sheet 'UAC DURA VENT SHEET' or other equal and approved as described ceiling lining set out symmetrically from center of room in panels of 1220mm x 610mm wide and fixing to timber ceiling joist, 20mm x 50mm at 610mm centres including trimming to all edges and all round columns;</u></p>				
A	<p>Ceiling to height of exceeding 3.50m high but not exceeding 5.00 high</p> <p><u>Prepare and apply sealer, one undercoat and two finishing coats of weather emulsion paint as specified;</u></p>	m <sup>2</sup>	80		
B	<p>To flat sheet 1220mm x 610mm wide "UAC DURA VENT SHEET"</p> <p><b><u>Suspended Ceilings</u></b></p> <p>1200mm x 600mm x 8mm thick approved gypsum board (GB1) suspended ceiling, set out symmetrically from the centre of the room with white galvanised suspension system including providing opening for light fittings, grilles and the like :-</p>	m <sup>2</sup>	80		
C	<p>Ceiling to height of not exceeding 3.50m high from floor level</p> <p><u>Prepare and apply sealer, one undercoat and two finishing coats of weather emulsion paint as specified;</u></p>	m <sup>2</sup>	80		
D	<p>To flat sheet 1220mm x 610mm wide "UAC DURA VENT SHEET"</p>	m <sup>2</sup>	80		
TO COLLECTION					RM

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (RM)
	<b><u>Painting</u></b> <u>Make good (rubbed down, scrapping etc) and prepare and apply one coat approved alkali resisting sealer and two coats of acrylic weather resistant paint all in accordance to manufacturer's instuction as specified:</u>				
E	Existing plastered exterwall & column	m <sup>2</sup>	500		
F	Existing plastered interwall & column	m <sup>2</sup>	500		
	<u>Prepare and apply one coat approved alkali resisting primer and two coats of gloss enamel paint as specified :-</u>				
G	To timber surfaces	m <sup>2</sup>	20		
	<u>Make good (rubbed down, scrapping etc) and prepare and apply anti-corrosion one coat approved alkali resisting primer and two coats of gloss enamel paint as specified :-</u>				
H	To metal surface	m <sup>2</sup>	10		
	<b><u>Homogenous Tiles</u></b> <u>600mm x 600mm x 8.5mm Thick anti-slip homogenous tiles laid in pattern, bedded, jointed and pointed in matching coloured cement as described on cement and sand screed (measured separately) as specified pattern approved by the Architect; internally</u>				
I	To floor.	m <sup>2</sup>	150		
J	To skirting 100mm high	m	50		
	<b><u>Ceramic tiles</u></b> <u>600mm x 300mm x 5mm Thick glazed ceramic tiles, bedded, jointed and pointed in matching coloured cement as described on cement and sand screed (measured separately) as specified laid to patternincluding tile edge trim approved by the S.O</u>				
K	To walls	m <sup>2</sup>	150		
TO COLLECTION					RM

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (RM)
	<u>ELEMENT NO. 7 - FINISHES ( CONT'D)</u>  (ALL QUANTITIES PROVISIONAL)  <				

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (RM)
	<p><b><u>ELEMENT 8 - FITTINGS, BUILT IN CABINET AND FURNISHING</u></b></p> <p><b><u>(ALL QUANTITIES PROVISIONAL)</u></b></p> <p><b><u>Notice Board and White Board</u></b></p> <p><u>Supply and install approved fittings and furnishing complete with accessories and hoisting and placing panel unit into position, plugging and screwing, fixing brackets to wall and fixing all in accordance to the manufacturer's instruction and as shown in drawings no. JKR/CA/LK/02/PK1a/01, JKR/CA/LK/02/PK1/01 and JKR/CA/LK/02/PK1/02</u></p>				
A	Magnetic white board 1200mm high	m <sup>2</sup>	30.00		
B	Notice Board 1200mm high	m <sup>2</sup>	15.00		
	<p><b><u>Table Top</u></b></p> <p><u>Construct and complete reinforced concrete 80mm thick raised up floor including all necessary concrete work, reinforcement formwork and approved homogenous tiles (300mm x 300mm) finished including all other item to complete construction of raised up floor as per S.O approved.</u></p>				
C	600mm width x 900mm high	m	15		
	<p><b><u>Cabinet &amp; Furnitures</u></b></p> <p><u>Supply, fix and install the following cabinet &amp; furnitures and fittings constructed of postforming laminated three layer plywood or other approve with HPL (High Pressure Laminated) comprising of shelves, drawers, doors, fixed panels including all necessary housing grooves and other labour and approved finished complete with and approved ironmongeries :-</u></p>				
D	550mm width x 1000mm high with all accessories	m	25		
TO COLLECTION				RM	

20/10/2024 - 4:25 PM

ITEM	DESCRIPTION	PAGE	AMOUNT (RM)
	<b><u>SUMMARY</u></b>		
	ELEMENT NO. 1 - DEMOLITION WORKS	FROM PAGE B3/E1/6 OF 6	
	ELEMENT NO. 2 - WORK BELOW LOWEST FLOOR FINISH	FROM PAGE B3/E2/ 3 OF 3	
	ELEMENT NO. 3 - STRUCTURE REPAIR WORKS	FROM PAGE B3/E3/2 OF 2	
	ELEMENT NO. 4 - STAIRCASE AND HANDRAILING	FROM PAGE B3/E4 /2 OF 2	
	ELEMENT NO. 5 - WINDOW, VENT AND DOORS	FROM PAGE B3/E5/3 OF 3	
	ELEMENT NO. 6 - FINISHES	FROM PAGE B3/E6/3 OF 3	
	ELEMENT NO. 7 - SANITARY FITTINGS	FROM PAGE B3/E7/3 OF 3	
	ELEMENT NO. 8 - FURNITURE	FROM PAGE B3/E8/2 OF 2	
TOTAL AMOUNT TO SUMMARY OF BUILDING			RM

[illegible]

[illegible]



ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (RM)
	<p><b><u>ELEMENT NO. 1 - DEMOLITION WORKS (CONT'D)</u></b></p> <p><b><u>(ALL QUANTITIES ARE PROVISIONAL)</u></b></p> <p><u>Notes (Cont'd)</u></p> <p><b><u>Overload Existing Structure</u></b></p> <p>a) The Contractor shall, all materials arising from the demolition must not be stacked or allowed to accumulate on existing structures in such way as to endanger their stability.</p> <p>b) The demolition contractor will held entirely responsible for damage arising from the cause.</p> <p><b><u>Protection Works</u></b></p> <p>a) Allow for an adequate temporary protection be provided to existing area, material and services and new material which has been installed on site with approved materials byt heS.O. (designated for construction use) including removal upon completion to its original condition at the point of official take overstability.</p> <p>b) Protect, uphold and maintain all existing Mechanical and Electrical services and in use pipes, ducts, sewers, services mains, underground cables, etc. During the execution of the Works, unless otherwise directed. If the Contractor discovers any underground cables, pipes, etc, he shall immediately stop work and report to the SO/SO's Representative of the findings. The Contractor shall be responsible for making good all damages to the cable, pipes, etc. and shall indemnify the Government against any claims as a results of such damage.</p>	-	-	-	-
		-	-	-	-
		-	-	-	-
		-	-	-	-
		-	-	-	-
<b>TO COLLECTION</b>					<b>RM</b> -

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (RM)
	<p><b><u>ELEMENT NO. 1 - DEMOLITION WORKS (CONT'D)</u></b></p> <p><b><u>(ALL QUANTITIES ARE PROVISIONAL)</u></b></p> <p><b><u>DEMOLISHING WORKS</u></b></p> <p><b><u>Existing Structures</u></b></p> <p><u>Demolish of existing structure and all associated works; including related temporary work; making good existing structure and finishing disturbed; carting away to contractor's own dumping and preparation for new work to satisfactory of the S.O.</u></p>				
A	Suspended ceiling	m2	50		
B	Single leaf door	no	2		
C	Adjustable Louvers Window	no.	14		
D	Double leaves door	no	25		
E	Double leaves Fire Rated Door	no	2		
	Single leaves Fire Rated Door	no	2		
F	Aluminium casment Window ( 2500mm x 1700mm)	no	25		
H	Frosted blade glass	no	50		
I	Existing cabinet	m	6		
J	Perimeter drain	m	50		
K	Apron slab	m2	50		
L	Existing "Tempat Wuduk " ( 2 m w x 3L m x 2m H )	m <sup>2</sup>	6		
TO COLLECTION				RM	

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (RM)
	<p><b><u>ELEMENT NO. 1 : DEMOLITION WORKS (CONT'D)</u></b></p> <p><b><u>(ALL QUANTITIES ARE PROVISIONAL)</u></b></p> <p><b><u>Existing Finishes</u></b></p> <p><u>Removing existing finishings; carting away all debris to contractor's own dump and making good all works disturbed to satisfactory of the S.O.</u></p> <p><u>Carefully hack-off existing floor finishes including skirting and screed; cleaning off to receive new finishing (measured separately)</u></p>				
M	<p>To floor</p> <p><u>Carefully clean up all existing painted works, make good wall surfaces of cracks; prepare surfaces to receive new finishing (measured separately)</u></p>	m²	44		
N	<p>Existing wall &amp; column surfaces</p> <p><b><u>Existing Furniture &amp; Fittings</u></b></p> <p><u>Dismantle existing fittings and fixtures prior to demolition; making good existing structure and finishing disturbed; carting away to contractor's own dumping and preparation for new work to satisfactory of the S.O.</u></p>	m²	50		
O	Water Closet	no	3		
P	Tap	no	12		
Q	Sinki	no	2		
R	Flush cistern	no	12		
S	Waste pipe	m	50		
TO COLLECTION RM					

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (RM)
	<u>ELEMENT NO. 1 - DEMOLITION WORKS (CONT'D)</u> <u>(ALL QUANTITIES ARE PROVISIONAL)</u>  <u>COLLECTION</u>  PAGE B3/E1/ 4 OF 6  PAGE B3/E1/ 5 OF6				
				RM	
				RM	
TOTAL ELEMENT NO. 1 - DEMOLITION : - CARRIED TO SUMMARY :					RM

20/10/2024 - 4:25 PM

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (RM)
	<p><b><u>ELEMENT NO. 2 : WORK BELOW LOWERS FLOOR FINISH (CONT'D)</u></b></p> <p><b><u>(ALL QUANTITIES PROVISIONAL)</u></b></p> <p><b><u>ANTI TERMITE TREATMENT</u></b></p> <p>Information :</p> <p><u>The termite treatment application shall be carried out by a termite control company approved by the S.O.</u></p> <p><u>Method of treatment shall be submitted to the S.O for approval. All relevant documents, certificate of approval, guarantee letter, brouchers and technical catalogues shall be submitted to the S.O before commencement of works.</u></p> <p><u>The contractor shall cause the termite control company to provide a guarantee which may arise during a period of five (5) years from the date of Practical Completion Of The Works whereby within the period, the company shall make annual inspection at lease once a year or based on building owner's report and carry out maintenance works when necessary.</u></p> <p><u>The contractor shall be held responsible on all works done by the termite control company.</u></p>				
A	Work drilling holes with a distance of 450mm around the building and planting poisons or chemicals of each hole including re-closing the hole with sealant cement after completion.	no	300		
B	Spray on truss timber in ceilings,frames, doors, windows and wooden furniture.	m <sup>2</sup>	150		
TO COLLECTION				RM	

20/10/2024 - 4:25 PM

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (RM)
	<p><b><u>ELEMENT NO. 3 - STRUCTURAL REPAIR WORKS</u></b></p> <p><b><u>(ALL QUANTITIES PROVISIONAL)</u></b></p> <p><u>Notes :</u></p> <p><u>Rates to include supply all the necessary labours materials, tool, safety measures, temporary access and supervision to rectify defects on reinforced concrete slabs, beams and columns</u></p> <p><b><u>Hand Patching - Repair Area Less Than or Equal to 0.5m<sup>2</sup></u></b></p> <p><b><u>Cut Back Concrete</u></b></p> <p>A Cut back the concrete surface to remove all defective, unsound or spalled concrete to expose the full circumference of the steel and to a depth minimum 20mm behind the existing main bars. The depth of breakout on the edge of any repair area shall be minimum of 50mm and feather edges will not be accepted. The perimeter of the area to be repaired shall cut using suitable tools to the approval of the S.O.</p> <p><b><u>Cleaning of Concrete Surface</u></b></p> <p>B Apply abrasive approved method to get rid of all dirt, grease and other contaminants as specified to fully exposed concrete surface to the approval of the S.O.</p> <p><b><u>Preparation of Reinforcement</u></b></p> <p>C Remove rusts around the reinforcement grit blasting or other approved methods using appropriate tools. Supply and apply a layer of zinc rich anti-corrosion primer to the approval of the S.O. (Drawing No. CKASJ.BFJ/SRD/2010/01 )</p>	m <sup>2</sup>	20		
		m <sup>2</sup>	20		
		m	20		
TO COLLECTION					RM



20/10/2024 - 4:25 PM

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (RM)
A	<b>ELEMENT NO. 4 - STAIRCASE AND HANDRAILING (ALL QUANTITIES PROVISIONAL)</b>				
	<b><u>METALWORK</u></b>  <u>Repair work , scraping old paint, cleaning rust with string brushes, anti-rust spray on railings and balustrades provided including repainting work on the railing surface, balustrades of building stairs with two (2) layers of metal paint according to JKR specifications and instructions of the Authorized Officer.</u>				
	To Handrail, Balustrades and Railing	m²	100		
TO COLLECTION					RM

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (RM)
	<div>ELEMENT NO. 4- STAIRCASE AND HANDRAILING ( CONT'D) <u>(ALL QUANTITIES PROVISIONAL)</u></div> <div><u>COLLECTION</u></div> <div>PAGE B3/E4/ 1 OF 2</div>				
TOTAL ELEMENT NO. 4 - STAIRCASE & HANDRAILING : - CARRIED TO SUMMARY :					

ITEM	DESCRIPTION	UNIT	QTY	RATE (RM)	AMOUNT (RM)
	<p><b><u>ELEMENT NO. 5 : WINDOWS, VENTS AND EXTERNAL DOORS</u></b></p> <p><b><u>(ALL QUANTITIES ARE PROVISIONAL)</u></b></p> <p><b><u>DOOR LEAF</u></b></p> <p><b><u>Timber Panel Solid Door</u></b></p> <p><u>Supply and fixed door complete on position with approved type and thickness complete with frame timber/metal, door closer, door stopper, ironmongery and all including painting and finishing all as per S.O Approval.</u></p> <p><u>Single leaf hardwood panel door or other approved equivalent</u></p> <p>A Overall size 900mm x 2100mm high no 8</p> <p><u>Double leaf hardwood panel door or other approved equivalent</u></p> <p>B Overall size 1500mm x 2100mm high no 8</p> <p><b><u>Fire Rated Door</u></b></p> <p><u>Supply and fix in position the following 2 hour fire rated door including metal framing and all necessary accessories ironmongery all manufactured to the approved of Fire Authorities including obtaining test certificate</u></p> <p>C To existing frame single leaf no 2</p> <p>To existing frame double leaf no 2</p> <p><b><u>PVC Door</u></b></p> <p><u>Supply and fix in position the following PVC door including framing and all necessary accessories ironmongeries accordance with the manufacturer's details as per S.O Approval.</u></p> <p>D To galvanised iron door frame no 14</p>				
TO COLLECTION				RM	

ITEM	DESCRIPTION	UNIT	QTY	RATE (RM)	AMOUNT (RM)
	<b><u>Top Hung</u></b>  <u>Supply and fix complete with all necessary accessories in position approved Aluminium Powdercoated fixed window complete frame With 5mm thick tinted glass and all to manufacturer's detail as specified all as per S.O. approval.</u>				
G	To existing top hung frame.	m <sup>2</sup>	15		
	<b><u>Adjustable Louvers Window</u></b>  <u>Supply and fixed Adjustable Glass Louvers Window (8 blade) With 5mm Thk Glass C/With With Aluminium Powdercoated to existing frame and all accessories as per S.O. approval.</u>				
H	To existing frame	no.	50		
	<b><u>5mm Thick frosted blade glass</u></b>				
I	To existing adjustable louvers	m <sup>2</sup>	30		
J	Maintenance existing Adjustable Glass Louvers Window until perfectly as per S.O. approval.	no.	30		
TO COLLECTION				RM	

20/10/2024 - 4:25 PM

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (RM)
<b><u>ELEMENT NO. 6 - EXTERNAL &amp; INTERNAL FINISHES</u></b> <b><u>(ALL QUANTITIES PROVISIONAL)</u></b> <b><u>External finishes</u></b> <b><u>Painting</u></b> <u>Make good (rubbed down, scrapping etc) and prepare and apply one coat approved alkali resisting sealer and two coats of acrylic weather resistant paint all in accordance to manufacturer's instuction as specified:-</u>					
A	New plastered wall & existing wall	m <sup>2</sup>	80		
	<u>Prepare and apply one coat approved alkali resisting primer and two coats of gloss enamel paint as specified :-</u>				
B	To timber surfaces	m <sup>2</sup>	5		
	<u>Make good (rubbed down, scrapping etc) and prepare and apply anti-corrosion one coat approved alkali resisting primer and two coats of gloss enamel paint as specified :-</u>				
C	To metal surface	m <sup>2</sup>	5		
<b><u>Internal Finishes</u></b>					
D	Floor				
	<u>30mm Thick cement and sand (1:3) rendering as specified; steel trowelled; internally</u>				
E	To floor	m <sup>2</sup>	150		
TO COLLECTION					RM

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (RM)
	<b><u>Homogenous Tiles</u></b> <u>600mm x 600mm x 8.5mm Thick anti-slip homogenous tiles laid in pattern, bedded, jointed and pointed in matching coloured cement as described on cement and sand screed (measured separately) as specified pattern approved by the Architect; internally</u>				
F	To floor.	m <sup>2</sup>	150		
G	To skirting 100mm high	m	50		
	<b><u>Ceramic tiles</u></b> <u>600mm x 300mm x 5mm Thick glazed ceramic tiles, bedded, jointed and pointed in matching coloured cement as described on cement and sand screed (measured separately) as specified laid to pattern including tile edge trim approved by the S.O</u>				
H	To walls	m <sup>2</sup>	200		
	<b><u>Water Proofing Membrane</u></b> <u>Approved acrylic polymer modified cementitious waterproofing coating including 300mm high upturn skirting and drop/riser all in accordance with the manufacturer's instruction</u>				
I	To floor surfaces; over 300mm wide; flat; subsequently covered to toilet	m <sup>2</sup>	100		
	<b><u>Painting Works</u></b> <u>Make good (rubbed down, scrapping etc) and Prepare and apply one coat of approved alkali resisting sealer and two coats of emulsion paint as specified</u>				
J	Existing plastered external wall and column	m <sup>2</sup>	200		
K	Existing plastered internal wall and column	m <sup>2</sup>	200		
TO COLLECTION				RM	



20/10/2024 - 4:25 PM

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (RM)
	<b><u>ELEMENT NO. 7 - SANITARY FITTINGS</u></b> <b><u>(ALL QUANTITIES PROVISIONAL)</u></b> <b><u>Water Closet</u></b> <u>`Johnson Suisse Sheffield' or other approved equivalent back to wall washdown pedestal Water Closet (wc), S trap c/w Johnson Suisse seat and cover and SAN-EL V950 25mm expose lever activated W.C FLUSHVALVE c/w 700 x 300 L-shape brass flush pipe.</u>  <u>WC Pan with S or P trap conversion bend to B.S.5627; fixing pan and cistern brackets with screws and setting pan in tiled concrete floor including plugging and screwing cistern brackets to tiled wall and working or making good floor and wall tiling around.</u>				
A	To existing position	no	2		
B	Supply and fixed Flush Cistern with all any necessary fitting to pedestal wc	no	2		
	<b><u>Table Top</u></b> <u>Construct and complete reinforcement concrete 80mm thick raised up floor including all necessary concrete work, reinforcement, formwork and approved homogenous tiles ( 600mm x 600mm ) finished including all other item to complete construction of raised up floor as per S.O approved.</u>				
C	600mm width x 900mm high	m	10		
	<b><u>Basin</u></b> <u>Johnson Suisse Yale overcounter basin or the approved equivalent vitreous china oval above counter wash hand basin size 400mm x 400mm complete PVC bottle trap and PVC waste and setting in concrete top including jointing outlet to waste pipe</u>				
D	To Table Top	no	4		
	<b><u>Tap</u></b> <u>DOE SL98 Prime' or other approved equivalent single lever chrome plated brass basin tap (1/2") with aerator and Pelangi/Suria CP brass handle as specified and 'manufacturer's detail</u>				
E	To basin & tempat wuduk	no	10		
TO COLLECTION					RM

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (RM)
	<b><u>Soap Dispenser</u></b> <u>'Doe' Serengeti SB 1501 or other approved equivalent stainless steel soap dispenser size 210H x 125L x 76T)mm</u>				
F	To Table Top	no	2		
	<b><u>Mirror</u></b> <u>Approved bevelled edge plate 1st class polished plate glass mirror complete with 25mm thick waterproof plywood backing and fixed with chromium plated dome headed fixing screws and cork washers</u>				
G	600mm x 900mm x 6mm Thick CWB mirror (M1)	no	2		
	<b><u>TESTING</u></b> <b><u>Sanitary Fittings</u></b>				
H	On completion of the plumbing installation test all apparatus, sanitary fittings, piping and fittings, make good any defects and leave the whole in perfect working order to the entire satisfaction of the Superintending Officer.	item			
TO COLLECTION					RM

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (RM)
	<div><div><div>ELEMENT NO. 7 - SANITARY FITTINGS (Cont'd)</div><div>(ALL QUANTITIES PROVISIONAL)</div></div><div><div>COLLECTION</div><div>PAGE B3/E7/ 1 OF 3</div><div>PAGE B3/E7/ 2 OF 3</div></div></div>				
TOTAL ELEMENT NO. 7 - SANITARY FITTINGS : - CARRIED TO SUMMARY :					

ITEM	DESCRIPTION	UNIT	QTY	RATE (RM)	AMOUNT (RM)
A	<b>ELEMENT NO. 8 - FITTING AND FURNISHINGS</b> <b>ALL QUANTITIES ARE PROVISIONAL</b> <b><u>CABINET &amp; FURNITURE</u></b> <u>Supply, fix and install the following cabinet &amp; furnitures and fittings constructed of postforming laminated three layer plywood or other approve with HPL (High Pressure Laminated) comprising of shelves, drawers, doors, fixed panels including all necessary housing grooves and other labour and approved finished complete with and approved ironmongeries :-</u>	m	20		
	550mm width x 1000mm high with all accessories as per S.O approval.				
	<b><u>NOTICE BOARD</u></b> <u>Supply and install approved fittings and furnishings complete with accessories and hoisting and placing panel unit into position, plugging and screwing, fixing brackets to wall and fixing all in accordance to the manufacturer's instruction and as shown in drawings</u>				
B	Overall size 7500mm x 1200mm x 70mm (PK1a) as per drawing no. JKR/CA/LK/02/PK1a/01	no	3		
C	Overall size 1850mm x 1200mm x 70mm (PK1) as per drawing no. JKR/CA/LK/02/PK1/01	no	3		
TO COLLECTION					RM

ITEM	DESCRIPTION	UNIT	QTY	RATE (RM)	AMOUNT (RM)
	<div>ELEMENT NO. 8 - FITTING AND FURNISHINGS (CONT'D)</div> <div>ALL QUANTITIES ARE PROVISIONAL</div> <div>COLLECTION</div> <div>PAGE B3/ E8/ 1 OF 2</div>			RM	
	<div>TOTAL ELEMENT NO. 8 - FURNITURE :</div> <div>- CARRIED TO SUMMARY :</div>			RM	

ITEM	DESCRIPTION	PAGE	AMOUNT (RM)
	<b><u>SUMMARY</u></b>		
	ELEMENT NO. 1 - DEMOLITION WORKS	FROM PAGE B4/E1/5 OF 5	
	ELEMENT NO. 2 - WORK BELOW LOWEST FLOOR FINISH	FROM PAGE B4/E2/ 3 OF 3	
	ELEMENT NO. 3 - WINDOW, VENT AND DOORS	FROM PAGE B4/E3/2 OF 2	
	ELEMENT NO. 4 - FINISHES	FROM PAGE B4/E4/2 OF 2	
TOTAL AMOUNT TO SUMMARY OF BUILDING			RM

20/10/2024 - 4:25 PM



Item	Description	Unit	Qty	Rate	Amount
	<b><u>BILL NO. 2 - DEMOLITION WORKS (CONT'D)</u></b> <b><u>(ALL QUANTITIES ARE PROVISIONAL) (CONT'D)</u></b>  <u>Notes (Cont'd)</u>  <b><u>Remove Of Debris Or Rubbish</u></b> a) All debris arising from demolition works and the works itself shall be placed in appropriate waste bags and removed off site daily. b) The rubbish is to be all proper screens and protection provided to the satisfaction of the S.O. c) Accumulation of debris or rubbish within or outside the building premises is not permitted. d) No debris or whatsoever form shall be thrown down from the respective floors but carefully brought down and loaded direct to the trucks immediately. e) All debris and the like shall be cut or reduced to manageable sizes before loading into lift cars and to prevent damages to existing works.  <b><u>Reinstatement</u></b> a) All pulling down as hereafter described is to be carried out without damage to the remaining parts of the structure/ works or adjoining property. b) If damages occurs in the carrying out of the demolition the contractor shall reinstate and make good at his own expenses. c) All making out and good is to be executed with materials and workmanship to match in every respect the surrounding work and is to be properly bonded to it.  <b><u>Material From Demolition</u></b> a) All materials arising from the demolition are to remain the property of the contractor (unless otherwise stated) and is to be carted away from the site and the contractor is to make due allowance in his tender for the value of any sound materials so acquired or residual scrap value arising.				
<b>TO COLLECTION</b>				<b>RM</b>	-

Item	Description	Unit	Qty	Rate	Amount
	<p><b><u>ELEMENT 1 - DEMOLITION WORKS (CONT'D)</u></b>  <b><u>(ALL QUANTITIES ARE PROVISIONAL) (CONT'D)</u></b></p> <p><u>Notes (Cont'd)</u></p> <p><b><u>Overload Existing Structure</u></b></p> <p>a) The Contractor shall, all materials arising from the demolition must not be stacked or allowed to accumulate on existing structures in such way as to endanger their stability.</p> <p>b) The demolition contractor will held entirely responsible for damage arising from the cause.</p> <p><b><u>Protection Works</u></b></p> <p>a) Allow for an adequate temporary protection be provided to existing area, material and services and new material which has been installed on site with approved materials byt heS.O. (designated for construction use) including removal upon completion to its original condition at the point of official take over stability.</p> <p>b) Protect, uphold and maintain all existing Mechanical and Electrical services and in use pipes, ducts, sewers, services mains, underground cables, etc. During the execution of the Works, unless otherwise directed. If the Contractor discovers any underground cables, pipes, etc, he shall immediately stop work and report to the SO/SO's Representative of the findings. The Contractor shall be responsible for making good all damages to the cable, pipes, etc. and shall indemnify the Government against any claims as a results of such damage.</p>	-	-	-	-
		-	-	-	-
		-	-	-	-
		-	-	-	-
		-	-	-	-
<b>TO COLLECTION</b>				<b>RM</b>	<b>-</b>

Item	Description	Unit	Qty	Rate	Amount
	<p><b><u>ELEMENT 1 - DEMOLITION WORKS (CONT'D)</u></b></p> <p><b><u>(ALL QUANTITIES ARE PROVISIONAL) (CONT'D)</u></b></p> <p><b><u>DEMOLISHING WORKS</u></b></p> <p><b><u>Existing Structures</u></b></p> <p><u>Demolish of existing structure and all associated works; including related temporary work; making good existing structure and finishing disturbed; carting away to contractor's own dumping and preparation for new work to satisfactory of the S.O.</u></p>				
B	Aluminium glass door	no.	1		
C	Double leaves door	no	2		
	<p><b><u>Existing Finishes</u></b></p> <p><u>Carefully clean up all existing painted works, make good wall surfaces of cracks; prepare surfaces to receive new finishing (measured separately)</u></p>				
D	Existing wall & column surfaces	m²	300		
TO COLLECTION				RM	

Item	Description	Unit	Qty	Rate	Amount
	<p><b><u>BILL NO. 2 - DEMOLITION WORKS (CONT'D)</u></b></p> <p><b><u>(ALL QUANTITIES ARE PROVISIONAL)</u></b></p>   <p><u>COLLECTION</u></p>  <p>PAGE B4/E1/ 4 OF5</p>				
				RM	
<p><b>TOTAL ELEMENT NO. 1 - DEMOLITION :</b></p> <p><b>- CARRIED TO SUMMARY :</b></p>					RM

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (RM)
	<p><b><u>ELEMENT 2 - WORK BELOW LOWERS FLOOR FINISH</u></b> <b><u>(ALL QUANTITIES PROVISIONAL)</u></b></p> <p><b><u>Drainage</u></b></p> <p><b><u>Perimeter Drain</u></b></p> <p><u>Half round concrete cast in suitable legth, finished fair on exposed surfaces, bedded, jointed and pointed in cement mortar (1:3) on and including all necessary excavation, formwork, junctions and ends, disposal of surplus excavated material and including hacking and make good any defect and all associated works deemed to be done,</u></p> <p>225mm Ø to suit of existing drain</p>	m	7		
TO COLLECTION					RM

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (RM)
	<p><b><u>ELEMENT 2 - WORK BELOW LOWERS FLOOR FINISH (CONT'D)</u></b></p> <p><b><u>(ALL QUANTITIES PROVISIONAL)</u></b></p> <p><b><u>ANTI TERMITE TREATMENT</u></b></p> <p>Information :</p> <p><u>The termite treatment application shall be carried out by a termite control company approved by the S.O.</u></p> <p><u>Method of treatment shall be submitted to the S.O for approval. All relevant documents, certificate of approval, guarantee letter, brochures and technical catalogues shall be submitted to the S.O before commencement of works.</u></p> <p><u>The contractor shall cause the termite control company to provide a guarantee which may arise during a period of five (5) years from the date of Practical Completion Of The Works whereby within the period, the company shall make annual inspection at lease once a year or based on building owner's report and carry out maintenance works when necessary.</u></p> <p><u>The contractor shall be held responsible on all works done by the termite control company.</u></p>				
A	Work drilling holes with a distance of 450mm around the building and planting poisons or chemicals of each hole including re-closing the hole with sealant cement after completion.	no	200		
B	Spray on truss timber in ceilings,frames, doors, windows and wooden furniture.	m <sup>2</sup>	110		
TO COLLECTION					RM

20/10/2024 - 4:25 PM

ITEM	DESCRIPTION	UNIT	QTY	RATE (RM)	AMOUNT (RM)
	<b><u>ELEMENT 3 - WINDOWS, VENTS AND EXTERNAL DOORS</u></b>  <b><u>(ALL QUANTITIES ARE PROVISIONAL)</u></b>  <b><u>DOOR LEAF</u></b>  <b><u>Timber Panel Solid Door</u></b>  <u>Supply and fixed door complete on position with approved type and thickness complete with frame timber/metal, door closer, door stopper, ironmongery and all including painting and finishing all as per S.O Approval.</u>  <u>Double leaf hardwood panel door or other approved equivalent</u>  A Overall size 1500mm x 2100mm high  <b><u>Aluminium Glass Door</u></b>  <u>Supply and fixed complete in position approved aluminium glass door complete framing ,fixing screws and tinted glass all to manufacturer's detail as per S.O. approval.</u>  B Overall size 1200mm x 2100mm high	no	2		
		no	1		
TO COLLECTION				RM	



20/10/2024 - 4:25 PM

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (RM)
	<b><u>ELEMENT 4 - FINISHES</u></b> <b><u>(ALL QUANTITIES PROVISIONAL)</u></b> <b><u>External finishes</u></b> <b><u>Painting</u></b> <u>Make good (rubbed down, scrapping etc) and prepare and apply one coat approved alkali resisting sealer and two coats of acrylic weather resistant paint all in accordance to manufacturer's instuction as specified:</u>				
A	Existing wall	m <sup>2</sup>	200		
	<u>Prepare and apply one coat approved alkali resisting primer and two coats of gloss enamel paint as specified :-</u>				
B	To timber surfaces	m <sup>2</sup>	10		
	<u>Make good (rubbed down, scrapping etc) and prepare and apply anti-corrosion one coat approved alkali resisting primer and two coats of gloss enamel paint as specified :-</u>				
C	To metal surface	m <sup>2</sup>	5		
	<u>Make good(surface preparation for water jetting etc) and apply one coat approved sealer/primer and two coats of topcoat roofing paint all in accordance to manufacturer's instruction as specified:</u>				
D	To all roofing surface	m <sup>2</sup>	300		
TO COLLECTION					RM

20/10/2024 - 4:25 PM

ITEM	DESCRIPTION	PAGE	AMOUNT (RM)
	<b><u>SUMMARY</u></b>		
	ELEMENT NO. 1 - DEMOLITION WORKS	FROM PAGE B5/E1/6 OF 6	
	ELEMENT NO. 2 - WORK BELOW LOWEST FLOOR FINISH	FROM PAGE B5/E2/ 2 OF 2	
	ELEMENT NO. 3 - WINDOW, VENT AND DOORS	FROM PAGE B5/E3/2 OF 2	
	ELEMENT NO. 4 - FINISHES	FROM PAGE B5/E4/3 OF 3	
	ELEMENT NO. 5 - SANITARY FITTINGS	FROM PAGE B5/E5/3 OF 3	
TOTAL AMOUNT TO SUMMARY OF BUILDING			RM

[illegible]

Item	Description	Unit	Qty	Rate	Amount
	<p><b><u>ELEMENT NO. 1 - DEMOLITION WORKS (CONT'D)</u></b></p> <p><b><u>(ALL QUANTITIES ARE PROVISIONAL)</u></b></p> <p><u>Notes (Cont'd)</u></p> <p><b><u>Remove Of Debris Or Rubbish</u></b></p> <p>a) All debris arising from demolition works and the works itself shall be placed in appropriate waste bags and removed off site daily.</p> <p>b) The rubbish is to be all proper screens and protection provided to the satisfaction of the S.O.</p> <p>c) Accumulation of debris or rubbish within or outside the building premises is not permitted.</p> <p>d) No debris or whatsoever form shall be thrown down from the respective floors but carefully brought down and loaded direct to the trucks immediately.</p> <p>e) All debris and the like shall be cut or reduced to manageable sizes before loading into lift cars and to prevent damages to existing works.</p> <p><b><u>Reinstatement</u></b></p> <p>a) All pulling down as hereafter described is to be carried out without damage to the remaining parts of the structure/ works or adjoining property.</p> <p>b) If damages occurs in the carrying out of the demolition the contractor shall reinstate and make good at his own expenses.</p> <p>c) All making out and good is to be executed with materials and workmanship to match in every respect the surrounding work and is to be properly bonded to it.</p> <p><b><u>Material From Demolition</u></b></p> <p>a) All materials arising from the demolition are to remain the property of the contractor (unless otherwise stated) and is to be carted away from the site and the contractor is to make due allowance in his tender for the value of any sound materials so acquired or residual scrap value arising.</p>				
	<b>TO COLLECTION</b>			<b>RM</b>	<b>-</b>

Item	Description	Unit	Qty	Rate	Amount
	<p><b><u>ELEMENT NO. 1 - DEMOLITION WORKS (CONT'D)</u></b></p> <p><b><u>(ALL QUANTITIES ARE PROVISIONAL)</u></b></p> <p><u>Notes (Cont'd)</u></p> <p><b><u>Overload Existing Structure</u></b></p> <p>a) The Contractor shall, all materials arising from the demolition must not be stacked or allowed to accumulate on existing structures in such way as to endanger their stability.</p> <p>b) The demolition contractor will held entirely responsible for damage arising from the cause.</p> <p><b><u>Protection Works</u></b></p> <p>a) Allow for an adequate temporary protection be provided to existing area, material and services and new material which has been installed on site with approved materials byt heS.O. (designated for construction use) including removal upon completion to its original condition at the point of official take overstability.</p> <p>b) Protect, uphold and maintain all existing Mechanical and Electrical services and in use pipes, ducts, sewers, services mains, underground cables, etc. During the execution of the Works, unless otherwise directed. If the Contractor discovers any underground cables, pipes, etc, he shall immediately stop work and report to the SO/SO's Representative of the findings. The Contractor shall be responsible for making good all damages to the cable, pipes, etc. and shall indemnify the Government against any claims as a results of such damage.</p>	-	-	-	-
		-	-	-	-
		-	-	-	-
		-	-	-	-
TO COLLECTION				RM	-

Item	Description	Unit	Qty	Rate	Amount
	<p><b><u>ELEMENT NO. 1 - DEMOLITION WORKS (CONT'D)</u></b></p> <p><b><u>(ALL QUANTITIES ARE PROVISIONAL)</u></b></p> <p><b><u>DEMOLISHING WORKS</u></b></p> <p><b><u>Existing Structures</u></b></p> <p><u>Demolish of existing structure and all associated works; including related temporary work; making good existing structure and finishing disturbed; carting away to contractor's own dumping and preparation for new work to satisfactory of the S.O.</u></p>				
A	Single leaf door	no	6		
B	Adjustable Louvers Window / frosted blade glass	no.	56		
C	Double leaves door	no	1		
D	Top Hung netting / glasses louvres	no	38		
E	Perimeter drain	m	72		
F	Tiling	m2	370		
TO COLLECTION				RM	



Item	Description	Unit	Qty	Rate	Amount
	<p><b><u>ELEMENT NO. 1 : DEMOLITION WORKS (CONT'D)</u></b></p> <p><b><u>(ALL QUANTITIES ARE PROVISIONAL)</u></b></p> <p><b><u>Existing Finishes</u></b></p> <p><u>Removing existing finishings; carting away all debris to contractor's own dump and making good all works disturbed to satisfactory of the S.O.</u></p> <p><u>Carefully hack-off existing floor finishes including skirting and screed; cleaning off to receive new finishing (measured separately)</u></p>				
F	<p>To floor</p> <p><u>Carefully clean up all existing painted works, make good wall surfaces of cracks; prepare surfaces to receive new finishing (measured separately)</u></p>	m²	370		
G	<p>Existing wall &amp; column surfaces</p> <p><b><u>Existing Furniture &amp; Fittings</u></b></p> <p><u>Dismantle existing fittings and fixtures prior to demolition; making good existing structure and finishing disturbed; carting away to contractor's own dumping and preparation for new work to satisfactory of the S.O.</u></p>	m²	200		
H	Tap	no	10		
I	Sinki	no	4		
TO COLLECTION				RM	

Item	Description	Unit	Qty	Rate	Amount
	<p><b><u>ELEMENT NO. 1 - DEMOLITION WORKS (CONT'D)</u></b></p> <p><b><u>(ALL QUANTITIES ARE PROVISIONAL)</u></b></p>  <p style="text-align: center;"><u>COLLECTION</u></p> <p>PAGE B5/E1/ 4 OF 6</p> <p>PAGE B5/E1/ 5 OF6</p>				
				RM	
				RM	
<b>TOTAL ELEMENT NO. 1 - DEMOLITION :</b> <b>- CARRIED TO SUMMARY :</b>					RM

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (RM)
	<b><u>ELEMENT NO. 2 - WORK BELOW LOWERST FLOOR FINISH (ALL QUANTITIES PROVISIONAL)</u></b>  <b><u>Drainage</u></b>  <u>Perimeter Drain</u>  <u>Half round concrete cast in suitable leght, finished fair on exposed surfaces, bedded, jointed and pointed in cement mortar (1:3) on and including all necessary excavation, formwork, junctions and ends, disposal of surplus excavated material and including hacking and make good any defect and all associated works deemed to be done,</u>  A    225mm Ø to suit of existing drain  <b><u>ANTI TERMITE TREATMENT</u></b> Information :  <u>The termite treatment application shall be carried out by a termite control company approved by the S.O.</u>  <u>Method of treatment shall be submitted to the S.O for approval. All relevant documents, certificate of approval, guarantee letter, brochures and technical catalogues shall be submitted to the S.O before commencement of works.</u>  <u>The contractor shall cause the termite control company to provide a guarantee which may arise during a period of five (5) years from the date of Practical Completion Of The Works whereby within the period, the company shall make annual inspection at lease once a year or based on building owner's report and carry out maintenance works when necessary.</u>  <u>The contractor shall be held responsible on all works done by the termite control company.</u>				
		m	72		
B	Work drilling holes with a distance of 450mm around the building and planting poisons or chemicals of each hole including re-closing the hole with sealant cement after completion.	no	500		
C	Spray on truss timber in ceilings,frames, doors, windows and wooden furniture.	m <sup>2</sup>	300		
<b>TO COLLECTION</b>				<b>RM</b>	

20/10/2024 - 4:25 PM

ITEM	DESCRIPTION	UNIT	QTY	RATE (RM)	AMOUNT (RM)
	<b><u>ELEMENT NO. 3 - WINDOWS, VENTS AND EXTERNAL DOORS</u></b>  <b><u>(ALL QUANTITIES ARE PROVISIONAL)</u></b>  <b><u>DOOR LEAF</u></b>  <b><u>Timber Panel Solid Door</u></b>  <u>Supply and fixed door complete on position with approved type and thickness complete with frame timber/metal, door closer, door stopper, ironmongery and all including painting and finishing all as per S.O Approval.</u>  <u>Single leaf hardwood panel door or other approved equivalent</u> A Overall size 900mm x 2100mm high no 6  <u>Double leaf hardwood panel door or other approved equivalent</u> B Overall size 1500mm x 2100mm high no 1  <b><u>Aluminium Casement Window</u></b> <u>Supply and fix complete with all necessary accessories ironmongeries ( e.g hinges, closer, latch) in position approved Aluminium Powdercoated casement window complete frame With 5mm thick tinted glass and all to manufacturer's detail as specified all as per S.O. approval.</u>  C To existing window frame. m <sup>2</sup> 20  D Repainting timber window frame m <sup>2</sup> 20  <b><u>Top Hung</u></b> <u>Supply and fix complete with all necessary accessories in position approved Aluminium Powdercoated fixed window complete frame With 5mm thick tinted glass and all to manufacturer's detail as specified all as per S.O. approval.</u>  E To existing top hung frame. m <sup>2</sup> 12				
TO COLLECTION				RM	

ITEM	DESCRIPTION	UNIT	QTY	RATE (RM)	AMOUNT (RM)
	<u>ELEMENT NO. 3 : WINDOWS, VENTS AND EXTERNAL DOORS (cont'd)</u> <u>ALL QUANTITIES ARE PROVISIONAL</u>  <div style="text-align: center;"> <u>COLLECTION</u>             FROM PAGE B5/E3/ 1 of 2         </div>				
				RM	
TOTAL ELEMENT NO. 3- WINDOW, VENT & DOOR :					RM
- CARRIED TO SUMMARY :					

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (RM)
	<b><u>ELEMENT NO.4 - FINISHES</u></b> <b><u>(ALL QUANTITIES PROVISIONAL)</u></b> <b><u>External finishes</u></b> <b><u>Painting</u></b> <u>Make good (rubbed down, scrapping etc) and prepare and apply one coat approved alkali resisting sealer and two coats of acrylic weather resistant paint all in accordance to manufacturer's instuction as specified:-</u>				
A	New plastered wall & existing wall  <u>Prepare and apply one coat approved alkali resisting primer and two coats of gloss enamel paint as specified :-</u>	m <sup>2</sup>	200		
B	To timber surfaces  <u>Make good (rubbed down, scrapping etc) and prepare and apply anti-corrosion one coat approved alkali resisting primer and two coats of gloss enamel paint as specified :-</u>	m <sup>2</sup>	10		
C	To metal surface  <u>Make good(surface preparation for water jetting etc) and apply one coat approved sealer/primer and two coats of topcoat roofing paint all in accordance to manufacturer's instruction as specified:</u>	m <sup>2</sup>	5		
D	To all roofing surface  <b><u>Internal Finishes</u></b> <b><u>Floor</u></b> <u>30mm Thick cement and sand (1:3) rendering as specified; steel trowelled; internally</u>	m <sup>2</sup>	300		
E	To floor	m <sup>2</sup>	150		
TO COLLECTION				RM	

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (RM)
	<b><u>Homogenous Tiles</u></b> <u>600mm x 600mm x 8.5mm Thick anti-slip homogenous tiles laid in pattern, bedded, jointed and pointed in matching coloured cement as described on cement and sand screed (measured separately) as specified pattern approved by the Architect; internally</u>				
F	To floor.	m²	150		
G	To skirting 100mm high	m	25		
TO COLLECTION					RM



20/10/2024 - 4:25 PM

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (RM)
	<p><b><u>ELEMENT NO.5 - SANITARY FITTINGS</u></b></p> <p><b><u>(ALL QUANTITIES PROVISIONAL)</u></b></p> <p><b><u>Table Top</u></b></p> <p><u>Construct and complete reinforcement concrete 80mm thick raised up floor including all necessary concrete work, reinforcement, formwork and approved homogenous tiles ( 600mm x 600mm ) finished including all other item to complete construction of raised up floor as per S.O approved.</u></p>				
C	600mm width x 900mm high	m	15		
	<p><b><u>Basin</u></b></p> <p><u>Johnson Suisse Yale overcounter basin or the approved equivalent vitreous china oval above counter wash hand basin size 400mm x 400mm complete PVC bottle trap and PVC waste and setting in concrete top including jointing outlet to waste pipe</u></p>				
D	To Table Top	no	4		
	<p><b><u>Tap</u></b></p> <p><u>DOE SL98 Prime' or other approved equivalent single lever chrome plated brass basin tap (1/2") with aerator and Pelangi/Suria CP brass handle as specified and 'manufacturer's detail</u></p>				
E	To basin & tempat wuduk	no	8		
	<p><b><u>Soap Dispenser</u></b></p> <p><u>'Doe' Serengeti SB 1501 or other approved equivalent stainless steel soap dispenser size 210H x 125L x 76T)mm</u></p>				
F	To Table Top	no	2		
	<p><b><u>Mirror</u></b></p> <p><u>Approved bevelled edge plate 1st class polished plate glass mirror complete with 25mm thick waterproof plywood backing and fixed with chromium plated dome headed fixing screws and cork washers</u></p>				
G	600mm x 900mm x 6mm Thick CWB mirror (M1)	no	4		
TO COLLECTION					RM

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (RM)
H	<p><b><u>TESTING</u></b></p> <p><b><u>Sanitary Fittings</u></b></p> <p>On completion of the plumbing installation test all apparatus, sanitary fittings, piping and fittings, make good any defects and leave the whole in perfect working order to the entire satisfaction of the Superintending Officer.</p>	item			
TO COLLECTION RM					

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (RM)
	<u>ELEMENT NO.5 - SANITARY FITTINGS (Cont'd)</u> <u>(ALL QUANTITIES PROVISIONAL)</u>  <u>COLLECTION</u>  PAGE B5/E5/ 1 OF 3  PAGE B5/E5/ 2 OF 3				
					RM
					RM
TOTAL ELEMENT NO. 5 - SANITARY FITTINGS : - CARRIED TO SUMMARY :					RM

ITEM	DESCRIPTION	PAGE	AMOUNT (RM)
	<div><div>SUMMARY</div><div>ELEMENT NO. 1 - DEMOLITION WORKS</div><div>ELEMENT NO. 2 - WORK BELOW LOWEST FLOOR FINISH</div><div>ELEMENT NO. 3 - ROOF</div><div>ELEMENT NO. 4 - WINDOW, VENT AND DOORS</div><div>ELEMENT NO. 5 - FINISHES</div><div>ELEMENT NO. 6 - SANITARY FITTINGS &amp; PLUMBING INSTALLATION</div></div>	<div>FROM PAGE B6/E1/6 OF 6</div> <div>FROM PAGE B6/E2/ 3 OF 3</div> <div>FROM PAGE B6/E3/3 OF 3</div> <div>FROM PAGE B6/E4/2 OF 2</div> <div>FROM PAGE B6/E5/3 OF 3</div> <div>FROM PAGE B6/E6/3 OF 3</div>	
TOTAL AMOUNT TO SUMMARY OF BUILDING			RM

[illegible]

Item	Description	Unit	Qty	Rate	Amount
	<p><b><u>ELEMENT NO. 1 - DEMOLITION WORKS (CONT'D)</u></b></p> <p><b><u>(ALL QUANTITIES ARE PROVISIONAL) (CONT'D)</u></b></p> <p><u>Notes (Cont'd)</u></p> <p><b><u>Remove Of Debris Or Rubbish</u></b></p> <p>a) All debris arising from demolition works and the works itself shall be placed in appropriate waste bags and removed off site daily.</p> <p>b) The rubbish is to be all proper screens and protection provided to the satisfaction of the S.O.</p> <p>c) Accumulation of debris or rubbish within or outside the building premises is not permitted.</p> <p>d) No debris or whatsoever form shall be thrown down from the respective floors but carefully brought down and loaded direct to the trucks immediately.</p> <p>e) All debris and the like shall be cut or reduced to manageable sizes before loading into lift cars and to prevent damages to existing works.</p> <p><b><u>Reinstatement</u></b></p> <p>a) All pulling down as hereafter described is to be carried out without damage to the remaining parts of the structure/ works or adjoining property.</p> <p>b) If damages occurs in the carrying out of the demolition the contractor shall reinstate and make good at his own expenses.</p> <p>c) All making out and good is to be executed with materials and workmanship to match in every respect the surrounding work and is to be properly bonded to it.</p> <p><b><u>Material From Demolition</u></b></p> <p>a) All materials arising from the demolition are to remain the property of the contractor (unless otherwise stated) and is to be carted away from the site and the contractor is to make due allowance in his tender for the value of any sound materials so acquired or residual scrap value arising.</p>				
	<b>TO COLLECTION</b>			<b>RM</b>	-

Item	Description	Unit	Qty	Rate	Amount
	<p><b><u>ELEMENT NO. 1 - DEMOLITION WORKS (CONT'D)</u></b></p> <p><b><u>(ALL QUANTITIES ARE PROVISIONAL) (CONT'D)</u></b></p> <p><u>Notes (Cont'd)</u></p> <p><b><u>Overload Existing Structure</u></b></p> <p>a) The Contractor shall, all materials arising from the demolition must not be stacked or allowed to accumulate on existing structures in such way as to endanger their stability.</p> <p>b) The demolition contractor will held entirely responsible for damage arising from the cause.</p> <p><b><u>Protection Works</u></b></p> <p>a) Allow for an adequate temporary protection be provided to existing area, material and services and new material which has been installed on site with approved materials byt heS.O. (designated for construction use) including removal upon completion to its original condition at the point of official take over stability.</p> <p>b) Protect, uphold and maintain all existing Mechanical and Electrical services and in use pipes, ducts, sewers, services mains, underground cables, etc. During the execution of the Works, unless otherwise directed. If the Contractor discovers any underground cables, pipes, etc, he shall immediately stop work and report to the SO/SO's Representative of the findings. The Contractor shall be responsible for making good all damages to the cable, pipes, etc. and shall indemnify the Government against any claims as a results of such damage.</p>				
		-	-	-	-
		-	-	-	-
		-	-	-	-
		-	-	-	-
		-	-	-	-
<b>TO COLLECTION</b>				<b>RM</b>	<b>-</b>



Item	Description	Unit	Qty	Rate	Amount
	<p><b><u>ELEMENT NO. 1 - DEMOLITION WORKS (CONT'D)</u></b></p> <p><b><u>(ALL QUANTITIES ARE PROVISIONAL) (CONT'D)</u></b></p> <p><b><u>DEMOLISHING WORKS</u></b></p> <p><b><u>Existing Structures</u></b></p> <p>Demolish of existing structure and all associated works; including related temporary work; making good existing structure and finishing disturbed; carting away to contractor's own dumping and preparation for new work to satisfactory of the S.O.</p>				
A	Roofing covering & Ridge cap	m2	300		
B	Trusses	m	300		
D	Adjustable Louvers Window / frosted blade glass	no.	24		
D	Double leaves door	no	2		
E	Top Hung netting / glasses louvres	no	24		
F	Perimeter drain	m	50		
G	Existing ceiling	m2	300		
TO COLLECTION				RM	

Item	Description	Unit	Qty	Rate	Amount
	<p><b><u>ELEMENT NO. 1 : DEMOLITION WORKS (CONT'D)</u></b></p> <p><b><u>(ALL QUANTITIES ARE PROVISIONAL)</u></b></p> <p><b><u>Existing Finishes</u></b></p> <p>Removing existing finishings; carting away all debris to contractor's own dump and making good all works disturbed to satisfactory of the S.O.</p> <p>Carefully hack-off existing floor finishes including skirting and screed; cleaning off to receive new finishing (measured separately)</p> <p>H To floor m² 350</p> <p>Carefully clean up all existing painted works, make good wall surfaces of cracks; prepare surfaces to receive new finishing (measured separately)</p> <p>I Existing wall &amp; column surfaces m² 600</p> <p><b><u>Existing Furniture &amp; Fittings</u></b></p> <p>Dismantle existing fittings and fixtures prior to demolition; making good existing structure and finishing disturbed; carting away to contractor's own dumping and preparation for new work to satisfactory of the S.O.</p> <p>J Tap no 10</p>				
TO COLLECTION				RM	

Item	Description	Unit	Qty	Rate	Amount
	<p><u>ELEMENT NO. 1 - DEMOLITION WORKS (CONT'D)</u></p> <p><u>(ALL QUANTITIES ARE PROVISIONAL)</u></p>     <p><u>COLLECTION</u></p> <p>PAGE B6/E1/ 4 OF 6</p> <p>PAGE B6/E1/5 OF 6</p>				
				RM	
				RM	
TOTAL ELEMENT NO. 1 - DEMOLITION :					RM
- CARRIED TO SUMMARY :					

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (RM)
	<b>ELEMENT NO. 2 - WORK BELOW LOWERS FLOOR FINISH (ALL QUANTITIES PROVISIONAL)</b>				
	<b><u>Drainage</u></b>				
	Perimeter Drain				
	Half round concrete cast in suitable leght, finished fair on exposed surfaces, bedded, jointed and pointed in cement mortar (1:3) on and including all necessary excavation, formwork, junctions and ends, disposal of surplus excavated material and including hacking and make good any defect and all associated works deemed to be done,				
A	225mm Ø to suit of existing drain	m	50		
TO COLLECTION					RM

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (RM)
	<p><b><u>ELEMENT NO. 2 : WORK BELOW LOWERS FLOOR FINISH (CONT'D)</u></b></p> <p><b><u>(ALL QUANTITIES PROVISIONAL)</u></b></p> <p><b><u>ANTI TERMITE TREATMENT</u></b></p> <p>Information :</p> <p>The termite treatment application shall be carried out by a termite control company approved by the S.O.</p> <p>Method of treatment shall be submitted to the S.O for approval. All relevant documents, certificate of approval, guarantee letter, brochures and technical catalogues shall be submitted to the S.O before commencement of works.</p> <p>The contractor shall cause the termite control company to provide a guarantee which may arise during a period of five (5) years from the date of Practical Completion Of The Works whereby within the period, the company shall make annual inspection at lease once a year or based on building owner's report and carry out maintenance works when necessary.</p> <p>The contractor shall be held responsible on all works done by the termite control company.</p>				
A	Work drilling holes with a distance of 450mm around the building and planting poisons or chemicals of each hole including re-closing the hole with sealant cement after completion.	no	500		
B	Spray on truss timber in ceilings,frames, doors, windows and wooden furniture.	m <sup>2</sup>	300		
TO COLLECTION					RM

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (RM)
	<div><div><div>ELEMENT NO. 2 - WORK BELOW LOWERS FLOOR FINISH ( CONT'D ) (ALL QUANTITIES PROVISIONAL)</div></div><div>COLLECTION</div><div>PAGE B6/E2/ 1 OF 3</div><div>PAGE B6/E2/ 2 OF 3</div></div>				<div>RM</div> <div></div> <div>RM</div> <div></div>
TOTAL ELEMENT NO. 2 - WBLFF : - CARRIED TO SUMMARY :					RM

20/10/2024 - 4:25 PM

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (RM)
	<b>ELEMENT NO. 3 - ROOF ( CONT'D)</b> <b><u>(ALL QUANTITIES PROVISIONAL)</u></b>  <b><u>Insulation Works</u></b>  50mm thick 40kg/m³ fibre glass wool insulation laid on roof trusses and including 24 gauge 50mm hexagon wipe mesh (measured nett - no allowance made for laps) Approved double sided aluminium foil insulation as specified				
G	Laid on and fixed to rafter	m²	300		
	<b><u>Fascia Board (Peleh)</u></b>  <b><u>Metal Deck Fascia Board</u></b>				
H	Fascia board location front and back view with covering as same roof material and frame including all necessary works	m	50		
	<b><u>Decorative Panel (Gable End)</u></b>				
I	Hume Prima Plank Classic Woodgrain Texture cellulose fiber cement or equavalant as according	m²	10		
TO COLLECTION				RM	



ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (RM)
	ELEMENT NO.3 - ROOF ( CONT'D) <u>(ALL QUANTITIES PROVISIONAL)</u>  <u>COLLECTION</u>  PAGE B6/E3/1 OF 3  PAGE B6/E3/2 OF 3				
					RM
					RM
TOTAL ELEMENT NO. 3 -ROOF: - CARRIED TO SUMMARY :					RM

ITEM	DESCRIPTION	UNIT	QTY	RATE (RM)	AMOUNT (RM)
	<p><b><u>ELEMENT NO. 4 : WINDOWS, VENTS AND EXTERNAL DOORS</u></b></p> <p><b><u>(ALL QUANTITIES ARE PROVISIONAL)</u></b></p> <p><b><u>DOOR LEAF</u></b></p> <p><b><u>Timber Panel Solid Door</u></b></p> <p>Supply and fixed door complete on position with approved type and thickness complete with frame timber/metal, door closer, door stopper, ironmongery and all including painting and finishing all as per S.O Approval.</p> <p>Double leaf hardwood panel door or other approved equivalent</p> <p>A Overall size 1500mm x 2100mm high</p> <p><b><u>Aluminium Casement Window</u></b></p> <p>Supply and fix complete with all necessary accessories ironmongeries ( e.g hinges, closer, latch) in position approved Aluminium Powdercoated casement window complete frame With 5mm thick tinted glass and all to manufacturer's detail as specified all as per S.O. approval.</p> <p>B To existing window frame.</p> <p><b><u>Top Hung</u></b></p> <p>Supply and fix complete with all necessary accessories in position approved Aluminium Powdercoated fixed window complete frame With 5mm thick tinted glass and all to manufacturer's detail as specified all as per S.O. approval.</p> <p>C To existing top hung frame.</p>	no	2		
		m <sup>2</sup>	20		
		m <sup>2</sup>	8		
TO COLLECTION				RM	

20/10/2024 - 4:25 PM

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (RM)
	<b><u>ELEMENT NO. 5 - FINISHES</u></b> <b><u>(ALL QUANTITIES PROVISIONAL)</u></b>  <b><u>Painting ( Internal &amp; External)</u></b>  <u>Make good (rubbed down, scrapping etc) and prepare and apply one coat approved alkali resisting sealer and two coats of acrylic weather resistant paint all in accordance to manufacturer's instuction as specified:</u>				
A	New plastered wall & existing wall  <u>Prepare and apply one coat approved alkali resisting primer and two coats of gloss enamel paint as specified :-</u>	m <sup>2</sup>	300		
B	To timber surfaces  <u>Make good (rubbed down, scrapping etc) and prepare and apply anti-corrosion one coat approved alkali resisting primer and two coats of gloss enamel paint as specified :-</u>	m <sup>2</sup>	10		
C	To metal surface  <b><u>Floor ( Internal &amp; External)</u></b>	m <sup>2</sup>	5		
D	<u>30mm Thick cement and sand (1:3) rendering as specified; steel trowelled; internally</u>				
E	To floor  <b><u>Homogenous Tiles ( Internal &amp; External)</u></b>  <u>600mm x 600mm x 8.5mm Thick anti-slip homogenous tiles laid in pattern, bedded, jointed and pointed in matching coloured cement as described on cement and sand screed (measured separately) as specified pattern approved by the Architect; internally</u>	m <sup>2</sup>	120		
F	To floor.	m <sup>2</sup>	120		
G	To skirting 100mm high	m	12		
TO COLLECTION				RM	

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (RM)
	<b><u>Wall Tiles ( Tempat Wuduk )</u></b>  <u>20mm thick cement and sand (1:3) screed to receive homogenous ceramic wall tiles as specified ;</u>				
H	To walls ( Tempat Wuduk )	m²	15		
	<b><u>Fixed Ceiling ( new )</u></b>  <u>4.5mm thick asbestos free fibre cement flat sheet 'UAC DURA VENT SHEET' or other equal and approved as described ceiling lining set out symetrically from center of room in panels of 1220mm x 610mm wide and fixing to timber ceiling joist, 20mm x 50mm at 610mm centres including trimming to all edges and all round columns;</u>				
I	Ceiling to height of exceeding 3.50m high but not exceeding 5.00 high	m²	120		
	<u>Prepare and apply sealer, one undercoat and two finishing coats of weather emulsion paint as specified;</u>				
J	To flat sheet 1220mm x 610mm wide "UAC DURA VENT SHEET"	m²	120		
TO COLLECTION					RM

20/10/2024 - 4:25 PM

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (RM)
	<p><b><u>ELEMENT NO. 6 : SANITARY FITTINGS &amp; PLUMBING INSTALLATION</u></b></p> <p><b><u>(ALL QUANTITIES PROVISIONAL)</u></b></p> <p><b><u>Sanitary Fittings</u></b></p> <p><b><u>Tap</u></b></p> <p>DOE SL98 Prime' or other approved equivalent single lever chrome plated brass basin tap (1/2") with aerator and Pelangi/Suria CP brass handle as specified and 'manufacturer's detail</p>				
A	<p>Tempat wuduk</p> <p><b><u>Plumbing Installation</u></b></p> <p>Supply and install cold water system pipes including all necessary connections with requisite connectors to water tank storage and sanitary appliances with requisite pipe fittings and stopcock complete</p> <p>Stainless steel (SS304) to B.S. 4368 or ISO 8434 or equivalent pipes with and including all requisite fittings, from and including first stopcock from incoming mains to water storage tanks to sanitary appliances, and overflow pipes and including all requisite openings and chases in roof, floor, walls and beams complete all as S.O approval</p>	no	8		
B	<p>25mm diameter</p> <p>PVC Class 7 or equivalent pipes with and including all requisite fittings, from and including first stopcock from incoming mains to water storage tanks to sanitary appliances, and overflow pipes and including all requisite openings and chases in roof, floor, walls and beams complete all as S.O approval</p>	m	100		
C	20mm diameter	m	10		
D	13mm diameter	m	10		
TO COLLECTION					RM

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (RM)
E	<p><b><u>Waste Water, Soil, and Vent Pipe</u></b></p> <p>Waste water, soil and vent UPVC pipes Class D pipes as specified with and including all requisite fittings from sanitary appliances and from and including floor traps and outlet grating to last connecting manholes or precast concrete channel drains including all necessary excavation, concrete casing around pipework, connections with requisite pipe fittings, and requisite openings or holes in roof, floors, beams and wall, complete all as S.O approval</p> <p>From sanitary appliances and from floor traps and outlet grating to connecting manholesor water channel drains</p> <p>50mm dia meter</p>	m	10		
TO COLLECTION					RM



20/10/2024 - 4:25 PM

ITEM	DESCRIPTION	PAGE	AMOUNT (RM)
	<b><u>SUMMARY</u></b>		
	ELEMENT NO. 1 - DEMOLITION WORKS	FROM PAGE B7/E1/ 5 OF 5	
	ELEMENT NO. 2 - WBLFF	FROM PAGE B7/E2/ 2 OF2	
	ELEMENT NO. 3 - WINDOW, VENT & DOORS	FROM PAGE B7/E3/ 2 OF 2	
	ELEMENT NO. 4 - EXTERNAL FINISHES	FROM PAGE B7/E4/ 2 OF 2	
TOTAL AMOUNT TO SUMMARY OF BUILDING			RM

[illegible]

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (RM)
	<b><u>BILL NO. 2 - DEMOLITION WORKS (CONT'D)</u></b> <b><u>(ALL QUANTITIES ARE PROVISIONAL) (CONT'D)</u></b>  <u>Notes (Cont'd)</u> <u>Remove Of Debris Or Rubbish</u> a) All debris arising from demolition works and the works itself shall be placed in appropriate waste bags and removed off site daily. b) The rubbish is to be all proper screens and protection provided to the satisfaction of the S.O. c) Accumulation of debris or rubbish within or outside the building premises is not permitted. d) No debris or whatsoever form shall be thrown down from the respective floors but carefully brought down and loaded direct to the trucks immediately. e) All debris and the like shall be cut or reduced to manageable sizes before loading into lift cars and to prevent damages to existing works.  <u>Reinstatement</u> a) All pulling down as hereafter described is to be carried out without damage to the remaining parts of the structure/ works or adjoining property. b) If damages occurs in the carrying out of the demolition the contractor shall reinstate and make good at his own expenses. c) All making out and good is to be executed with materials and workmanship to match in every respect the surrounding work and is to be properly bonded to it.  <u>Material From Demolition</u> a) All materials arising from the demolition are to remain the property of the contractor (unless otherwise stated) and is to be carted away from the site and the contractor is to make due allowance in his tender for the value of any sound materials so acquired or residual scrap value arising.				
<b>TO COLLECTION</b>				<b>RM</b>	<b>-</b>

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (RM)
	<p><b><u>ELEMENT 1 - DEMOLITION WORKS (CONT'D)</u></b></p> <p><b><u>(ALL QUANTITIES ARE PROVISIONAL) (CONT'D)</u></b></p> <p><u>Notes (Cont'd)</u></p> <p><u>Overload Existing Structure</u></p> <p>a) The Contractor shall, all materials arising from the demolition must not be stacked or allowed to accumulate on existing structures in such way as to endanger their stability.</p> <p>b) The demolition contractor will held entirely responsible for damage arising from the cause.</p> <p><u>Protection Works</u></p> <p>a) Allow for an adequate temporary protection be provided to existing area, material and services and new material which has been installed on site with approved materials byt heS.O. (designated for construction use) including removal upon completion to its original condition at the point of official take over stability.</p> <p>b) Protect, uphold and maintain all existing Mechanical and Electrical services and in use pipes, ducts, sewers, services mains, underground cables, etc. During the execution of the Works, unless otherwise directed. If the Contractor discovers any underground cables, pipes, etc, he shall immediately stop work and report to the SO/SO's Representative of the findings. The Contractor shall be responsible for making good all damages to the cable, pipes, etc. and shall indemnify the Government against any claims as a results of such</p>				
		-	-	-	-
		-	-	-	-
		-	-	-	-
		-	-	-	-
<b>TO COLLECTION</b>				<b>RM</b>	<b>-</b>

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (RM)
	<b><u>ELEMENT 1 - DEMOLITION WORKS (CONT'D)</u></b> <b><u>(ALL QUANTITIES ARE PROVISIONAL) (CONT'D)</u></b> <b><u>DEMOLISHING WORKS</u></b> <b><u>Existing Structures</u></b> <u>Demolish of existing structure and all associated works; including related temporary work; making good existing structure and finishing disturbed; carting away to contractor's own dumping and preparation for new work to satisfactory of the S.O.</u>				
A	Adjustable Louvers Window / frosted blade glass	no	8		
B	Top Hung netting / glasses louvres	no	12		
C	Single leaf door	no	2		
D	PVC door with frame	no	2		
E	Suspended ceiling	m <sup>2</sup>	12		
F	Timber struss structure	m <sup>2</sup>	30		
G	Roof covering	m <sup>2</sup>	20		
H	Single door frame	no	1		
I	<b><u>Existing Finishes</u></b>				
J	<u>Carefully clean up all existing painted works, make good wall surfaces of cracks; prepare surfaces to receive new finishing (measured separately)</u>				
K	Existing wall & column surfaces	m <sup>2</sup>	10		
TO COLLECTION				RM	

20/10/2024 - 4:25 PM

B7 POS PENGAWAL

KR E Tender | SD200024

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (RM)
	<b><u>ELEMENT NO. 2 - WORK BELOW LOWERST FLOOR FINISH</u></b> <b><u>(ALL QUANTITIES PROVISIONAL)</u></b>				
	<b><u>ANTI TERMITE TREATMENT</u></b>				
	Information :  The termite treatment application shall be carried out by a termite control company approved by the S.O.  Method of treatment shall be submitted to the S.O for approval. All relevant documents, certificate of approval, guarantee letter, brouchers and technical catalogues shall be submitted to the S.O before commencement of works.  The contractor shall cause the termite control company to provide a guarantee which may arise during a period of five (5) years from the date of Practical Completion Of The Works whereby within the period, the company shall make annual inspection at lease once a year or based on building owner's report and carry out maintenance works when necessary.  The contractor shall be held responsible on all works done by the termite control company.				
A	Work drilling holes with a distance of 450mm around the building and planting poisons or chemicals of each hole including re-closing the hole with sealant cement after completion.	no	39		
B	Spray on truss timber in ceilings,frames, doors, windows and wooden furniture.	m <sup>2</sup>	10		
TO COLLECTION					RM



B7 POS PENGAWAL

JKR E Tender | CD200024

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (RM)
	<div>ELEMENT NO. 2 - WORK BELOW LOWERST FLOOR FINISH (ALL QUANTITIES PROVISIONAL)</div> <div>COLLECTION</div> <div>PAGE B7/ E2/ 1 OF 2</div>				
TOTAL ELEMENT NO. 2 - WBLFF : - CARRIED TO SUMMARY :					RM

ITEM	UNIT	UNIT	QTY	RATE (RM)	AMOUNT (RM)
	<b>ELEMENT NO. 3 - WINDOW, VENT &amp; DOORS</b> <b><u>(ALL QUANTITIES PROVISIONAL)</u></b>  <b><u>Aluminium Casement Window</u></b>  <u>Supply and fix complete with all necessary accessories ironmongeries ( e.g hinges, closer, latch) in position approved Aluminium Powdercoated casement window complete frame With 5mm thick tinted glass and all to manufacturer's detail as specified all as per S.O. approval.</u>				
A	To existing window frame.	m <sup>2</sup>	3		
	<b><u>Top Hung</u></b>  <u>Supply and fix complete with all necessary accessories in position approved Aluminium Powdercoated fixed window complete frame With 5mm thick tinted glass and all to manufacturer's detail as specified all as per S.O. approval.</u>				
B	To existing top hung frame.	m <sup>2</sup>	2		
	<b><u>Adjustable Louvers Window</u></b>				
C	Supply and fixed Adjustable Glass Louvers Window (8 blade) With 5mm Thk Glass C/With With Aluminium Powdercoated to existing frame and all accessories as per S.O. approval.	no	10		
D	5mm Thick frosted blade glass				
E	Maintenance existing Adjustable Glass Louvers Window until perfectly as per S.O. approval.	no	10		
	<b><u>Awning Roof</u></b>				
F	<u>Supply and fix complete with all necessary accessories in position approved Mild Steel Metal Deck complete frame With 5mm thick and all to manufacturer's detail as specified all as per S.O. approval.</u>  To new awning roof	m <sup>2</sup>	7		
TO COLLECTION				RM	

ITEM	UNIT	UNIT	QTY	RATE (RM)	AMOUNT (RM)
	ELEMENT NO. 3 - WINDOW, VENT & DOORS ( CONT;D) ( <u>ALL QUANTITIES PROVISIONAL</u> )				
	<u>COLLECTION</u>				
	PAGE B7/E3/ 1 OF 2				RM
TOTAL ELEMENT NO. 3 - WINDOW. VENT & DOORS : - CARRIED TO SUMMARY :					RM

B7 POS PENGAWAL

SK JERANGAU

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (RM)
	<b><u>ELEMENT NO. 4 - FINISHES</u></b> <b><u>(ALL QUANTITIES PROVISIONAL)</u></b>  <b><u>Painting</u></b>  <u>Make good (rubbed down, scrapping etc) and prepare and apply one coat approved alkali resisting sealer and two coats of acrylic weather resistant paint all in accordance to manufacturer's instuction as specified:</u>  A To all existing wall , column & ceiling  <u>Prepare and apply one coat approved alkali resisting primer and two coats of gloss enamel paint as specified :-</u>  B To timber surfaces  <u>Make good (rubbed down, scrapping etc) and prepare and apply anti-corrosion one coat approved alkali resisting primer and two coats of gloss enamel paint as specified :-</u>  C To metal surface  <u>Make good (rubbed down, scrapping etc) and Prepare and apply one coat of approved alkali resisting sealer and two coats of emulsion paint as specified</u>  D To flat sheet existing ceiling  <b><u>Table Top</u></b>  E <u>Construct and complete reinforced concrete 80mm thick raised up floor including all necessary concrete work, reinforcement formwork and approved homogenous tiles (300mm x 300mm) finished including all other item to complete construction of raised up floor as per S.O approved.</u>  600mm width x 900mm high	m <sup>2</sup>	25		
		m <sup>2</sup>	5		
		m <sup>2</sup>	5		
		m <sup>2</sup>	12		
		m	7		
TO COLLECTION				RM	

**B7 POS PENGAWAL**

**SK JERANGAU**

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (RM)
	<p><u>ELEMENT NO. 4 - FINISHES ( CONT'D)</u>  <u>(ALL QUANTITIES PROVISIONAL)</u></p> <p><u>COLLECTION :-</u></p> <p>FROM PAGE B7/E4/1 OF 2</p>				
<p><b>TOTAL ELEMENT NO. 4 - FINISHES :</b></p> <p><b>- CARRIED TO SUMMARY :</b></p>					

BILL NO. C - EXTERNAL WORKS

SK JERANGAU

ITEM	DESCRIPTION	PAGE	AMOUNT (RM)
	<b><u>SUMMARY</u></b>		
	<b><u>ALL PROVISIONAL</u></b>		
	C1-DEMOLITION	PAGE C1 / 5 OF 5	
	C2-SITE PREPARATION	PAGE C2 / 2 OF 2	
	C3-ROAD, CARPARK	PAGE C3/ 2 OF 2	
	C4-FENCING & GATES	PAGE C4 / 3 OF 3	
	C5-SURFACE WATER DRAINAGE	PAGE C5/ 3 OF 3	
	C6-SEWERAGE & S, TERATMENT	PAGE C6/ 2 OF 2	
	C7-GARAJ KENDERAAN	PAGE C7/ 3 OF 3	
	C8-WAKAF	PAGE C8/ 2 OF 2	
	C9-WALKWAY	PAGE C9 / 2 OF 2	
	C10-NETBALL COURT	PAGE C10 / 4 OF 4	
	C11-FOOTBALL FIELD	PAGE C11/ 2 OF 2	
	C12-FLAG POST	PAGE C12/ 2 OF 2	
	C13-BILLBOARD	PAGE C13/ 2 OF 2	
TOTAL AMOUNT TO RINGKASAN TENDER			RM

20/10/2024 - 4:25 PM

20/10/2024 - 4:25 PM



ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (RM)
	<p><b><u>C1 - DEMOLITION WORKS (CONT'D)</u></b></p> <p><b><u>(ALL QUANTITIES ARE PROVISIONAL)</u></b></p> <p><u>Notes (Cont'd)</u></p> <p><b><u>Overload Existing Structure</u></b></p> <p>a) <u>The Contractor shall, all materials arising from the demolition must not be stacked or allowed to accumulate on existing structures in such way as to endanger their stability.</u></p> <p>b) <u>The demolition contractor will held entirely responsible for damage arising from the cause.</u></p> <p><b><u>Protection Works</u></b></p> <p>a) <u>Allow for an adequate temporary protection be provided to existing area, material and services and new material which has been installed on site with approved materials byt heS.O. (designated for construction use) including removal upon completion to its original condition at the point of official take over stability.</u></p> <p>b) <u>Protect, uphold and maintain all existing Mechanical and Electrical services and in use pipes, ducts, sewers, services mains, underground cables, etc. During the execution of the Works, unless otherwise directed. If the Contractor discovers any underground cables, pipes, etc, he shall immediately stop work and report to the SO/SO's Representative of the findings. The Contractor shall be responsible for making good all damages to the cable, pipes, etc. and shall indemnify the Government against any claims as a results of such damage.</u></p>	-	-	-	-
		-	-	-	-
		-	-	-	-
		-	-	-	-
		-	-	-	-
TO COLLECTION				RM	-

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (RM)
	<b>C1 - DEMOLITION WORKS (CONT'D)</b>  <b>(ALL QUANTITIES ARE PROVISIONAL)</b>  <u>Existing Structures</u> <u>Demolish of existing structure and all associated works; including related temporary work; making good existing structure and finishing disturbed; carting away to contractor's own dumping and preparation for new work to satisfactory of the S.O.</u>				
A	( Roof covering )	m <sup>2</sup>	60		
B	Existing garage	m <sup>2</sup>	60		
C	Fencing and Gates	m	250		
D	Existing Flag Post.	no	3		
TO COLLECTION				RM	

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (RM)
	<div>C1- DEMOLITION WORKS</div> <div>(ALL QUANTITIES ARE PROVISIONAL)</div> <div>COLLECTION</div> <div>PAGE C1 / 4 OF 5</div>			RM	
	<div>TOTAL C1 - DEMOLITION WORKS :</div> <div>- CARRIED TO SUMMARY :</div>				RM

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (RM)
	<b><u>C2 - SITE PREPARATION.</u></b> <b><u>(ALL QUANTITIES ARE PROVISIONAL)</u></b>  <b><u>SITE PREPARATION</u></b>  <b><u>Clearing Site</u></b>  A <u>Clear all vegetation, tree irrespective of girth or other obstructions which interface with the execution of the work and remove all debris off site as per S.O approval</u>  <u>Excavating trenches for V shape drain ( 600mm x 600mm ) starting from platform level; compaction in layers and disposal of surplus excavated material where directed within site in accordance to Engineer's details and as per as S.O Approval.</u>	ITEM			
B	To receive 600mm x 600mm V shape drain.	m <sup>3</sup>	75		
C	Concrete structure	m <sup>2</sup>	15		
TO COLLECTION					RM

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (RM)
	<div>C2 - SITE PREPARATION ( CONT'D)</div> <div>(ALL QUANTITIES ARE PROVISIONAL)</div> <div></div> <div><u>COLLECTION</u></div> <div></div> <div>PAGE C2 / 1 OF 2</div>				
TOTAL C2 - SITE PREPARATION : - CARRIED TO SUMMARY :					RM

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (RM)
	<b><u>C3- ROAD, CARPARK AND FOOTPATH</u></b> <b>(ALL QUANTITIES ARE PROVISIONAL)</b>  <b><u>ROAD CONSTRUCTION</u></b>  <b><u>Over lay</u></b>  <u>Supply and lay approved bituminous tack coat uniformly including cleaning the surface of payment prior to application with 90/100 of penetration to received asphaltic concrete wearing course.</u>				
A	To receive asphaltic concrete wearing course (measured separately)	m <sup>2</sup>	1,000		
	<u>Supply, lay and compact 50mm thick asphaltic concrete wearing course ( ACWC-14) and rolled.</u>				
B	50mm Thick after rolled	m <sup>2</sup>	1,000		
	<b><u>MARKING</u></b>  <b><u>Road Line</u></b>  <u>Prepare and apply reflective non thermoplastic paint or other approved equivalent as specified road marking ; all in accordance to the standard specification and as per as. S.O Approval.</u>				
I	100mm wide parking line	m	40		
J	100mm wide centre line	m	40		
K	150mm wide edge line	m	40		
L	300mm wide stop line	m	40		
TO COLLECTION					RM

20/10/2024 - 4:25 PM

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (RM)
	<b><u>C4- FENCING AND GATES</u></b>  <b>(ALL QUANTITIES ARE PROVISIONAL)</b>  <b><u>FENCING AND GATES</u></b>  <u>OPEN TYPE FENCING</u>  <u>Ply tec PTC 580 Series (Anti Climb &amp; Anti Cut)</u>  <u>Ply tec PTF 580 Series fencing hot dip galvanised roll top constructed of 75mm (V) x 125mm (H) grid spacing with 4mm diameter wire, square hollow section 65mm x 65mm x 23mm (thickness) post complete with flat bar 38mm x 23mm thickness and M8 carriage bolt and nut at 3000mm height of post every 2400mm length and other necessary accessories as manufacturer's details and specifications; all post embedded in reinforced concrete to engineer's details as per as S.O Approval.</u>				
A	PTF 580 series fencing 1800mm high overall	m	125		
B	Reinforcement concrete beam 20mm high, with 150mm with master bar y-10, link r-6, concrete G25, side form work 12mm as spesified & S.O	m	125		
	<b><u>PAINTING</u></b>  <u>Make good (rubbed down, scrapping etc) and prepare and apply one coat approved alkali resisting sealer and two coats of acrylic weather resistant paint all in accordance to manufacturer's instruction as specified:</u>				
C	Existing ( decorative gate)	m <sup>2</sup>	120		
	<u>Make good (rubbed down, scrapping etc) and prepare and apply anti-corrosion one coat approved alkali resisting primer and two coats of gloss enamel paint as specified :-</u>				
D	To metal surface	m <sup>2</sup>	10		
<b>TO COLLECTION</b>				<b>RM</b>	



ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (RM)
	<u>GATES</u>  <u>Mild steel sliding Gate</u>  <u>Mild Steel Sliding Gate; constructed of 100mm x 50 mm rectangular hollow section steel frames to be weld together to infill with 15mm x 15mm rectangular hollow section steel bar; complete with and including roller, 50mm x 50mm mild steel roller track; bolt and nut; all post embedded in and including reinforced concrete foundation; with and all necessary excavation , formwork, reinforcement, accessories and painting to steel works as specified complete all as per Architect's drawing as S.O Approval and all relevant Engineer's drawing</u>				
E	To suite opening size 6000mm x 2000m high	m <sup>2</sup>	12		
TO COLLECTION					RM

20/10/2024 - 4:25 PM

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (RM)
	<p><b><u>C5 SURFACE WATER DRAINAGE</u></b></p> <p><b><u>(ALL QUANTITIES ARE PROVISIONAL)</u></b></p> <p><b><u>DRAINS</u></b></p> <p><u>Precast Concrete Block Drain With Brickwall</u></p> <p>Precast concrete block drain comprising of 225mm thick brickwall on both sides with 15mm thick cement plaster on exposed surfaces; bedded, jointed and pointed in cement mortar (1:3) on and including 100mm thick reinforced concrete base and 50mm thick lean concrete; 75mm diameter PVC weephole at 3000mm centres; cast in suitable length; finished fair on exposed surfaces; including all necessary excavation, formwork, junctions and ends and disposal of surplus excavated material and all accordance to manufacturer's detail as per S.O Approval.</p>				
A	<p>600mm x 600mm V shape concrete drain in trench; invert depth not exceeding 2.0m deep</p> <p><u>Brickwall in common brick in cement and sand (1:6) mortar laid in stretcher bond and including brick reinforcement at every 4th course, non-load bearing.</u></p>	m	300		
B	113mm Thick brickwall	m <sup>2</sup>	100		
C	20mm thick plainface to wall cement and sand (1:6) plaster mixed with an approved plasticiser finished with a wood float as describe:	m <sup>2</sup>	100		
TO COLLECTION				RM	

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (RM)
	<p><b><u>SUMP</u></b></p> <p><u>Brick Sump</u></p> <p>Brick sump comprising of 225mm thick brickwall with 20mm thick cement rendering in 1:3 cement mortar at exposed surfaces: 200mm thick reinforced concrete base Grade 20 with one layer of BRC A6 laid on and including 200mm thick hardcore and 50mm thick lean concrete; 150mm thick reinforced concrete cover with one layer of BRC A6 including opening to receive mild steel grating (measure separately; including all necessary excavation, formwork and disposal of surplus excavated as per S.O Approval.</p>				
C	Internal plan size 900mm x 900mm; invert depth not exceeding 2.0m deep	no	3		
	20mm thick plainface to wall cement and sand (1:6) plaster mixed with an approved plasticiser finished with a wood float as describe:	m <sup>2</sup>	4		
	<p><u>Sump Covers</u></p> <p>Supply and install hot dipped galvanised mild steel grating at sump covers including approved coating to steel surfaces and and all other necessary all as per drawing no. BKP(LR)400/86/13</p> <p>To sump ; 900mm length x 900mm wide</p>	no	2		
	<p><b><u>CONNECTION TO MAINS</u></b></p> <p><u>Generally</u></p> <p>Allow for connection to existing drainage system including all necessary excavation, formwork and disposal of surplus excavated materials and make good all work disturbed</p>	-	L/S		
TO COLLECTION				RM	

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (RM)
	<u>C5 SURFACE WATER DRAINAGE (Cont'd)</u> <u>(ALL QUANTITIES ARE PROVISIONAL)</u>				
	<u>COLLECTION</u>				
	PAGE C5/ 1 OF 3			RM	
	PAGE C5/ 2 OF 3			RM	
TOTAL C5 - SURFACE DRAINAGE :					RM
- CARRIED TO SUMMARY :					

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (RM)
A	<u>C6 - SEWERAGE AND SEWERAGE</u> <u>(ALL QUANTITIES ARE PROVISIONAL)</u>				
	<u>SEPTIC TANKS</u>				
	SERVICES OF SEPTIC TANK ( IWK)	ITEM	2		
TO COLLECTION					RM

JKR

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (RM)
	<p><b><u>C7 - GARAJ KENDERAAN</u></b></p> <p><b><u>(ALL QUANTITIES PROVISIONAL)</u></b></p> <p><u>INFORMATION :</u></p> <p><u>The Contractor shall take note that the following scope of work shall be under his responsibilities and shall price the works in accordance with the drawing</u></p> <p><u>Approved 0.48mm thick metal roofing sheet with aluminium bubble foil heat sheild insulation sheet on top of steel purlin complete with ridge capping all in accordance with manufacturer's specification.</u></p>				
A	To existing garaj	m <sup>2</sup>	40		
B	Ridge cap	m	12		
	<p><b><u>TRUSSES</u></b></p> <p><u>Rates for the PRT and rafter shall include all necessary materials, fabricating, delivery to site, hoisting and fixing in position, all fixing accessories including holding down bolt or ram setting, all ancillary item and temporary works for the complete installation of the PRT.</u></p> <p><u>Rates for the PRT shall also include for design fees, testing for compliance, quality assurance and control and all other necessary cost for patent right design, trademark or name.</u></p> <p><u>The following sawn pressure treated timber (SG2) roof trusses as specified:</u></p>				
C	50mm x 50mm	m	5		
D	50mm x 75mm	m	5		
E	50mm x 100mm	m	5		
COLLECTION					RM



ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (RM)
F	<p><u>Make good (rubbed down, scrapping etc) and prepare and apply one coat approved alkali resisting sealer and two coats of acrylic weather resistant paint all in accordance to manufacturer's instruction as specified:-</u></p> <p>Existing concrete column</p>	m <sup>2</sup>	90		
G	<p><u>Prepare and apply one coat approved alkali resisting primer and two coats of gloss enamel paint as specified :-</u></p> <p>To timber surfaces</p>	m <sup>2</sup>	50		
H	<p><u>Make good (rubbed down, scrapping etc) and prepare and apply anti-corrosion one coat approved alkali resisting primer and two coats of gloss enamel paint as specified :-</u></p> <p>To metal surface</p>	m <sup>2</sup>	65		
COLLECTION					RM

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (RM)
	<div>C7 GARAJ KENDERAAN ( CONT'D)</div> <div>(ALL QUANTITIES PROVISIONAL)</div> <div>COLLECTION</div> <div>PAGE C7/ 1 OF 3</div> <div>PAGE C7/ 2 OF 3</div>				
				RM	
				RM	
TOTAL C7 - GARAJ KENDERAAN : - CARRIED TO SUMMARY :					RM

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (RM)
	<p><b><u>C8 - WAKAF</u></b> <b><u>(ALL QUANTITIES PROVISIONAL)</u></b></p> <p><u>INFORMATION :</u></p> <p><u>The Contractor shall take note that the following scope of work shall be under his responsibilities and shall price the works in accordance with the drawing stated</u></p> <p><u>Make good (rubbed down, scrapping etc) and prepare and apply one coat approved alkali resisting sealer and two coats of acrylic weather resistant paint all in accordance to manufacturer's instruction as specified:</u></p>				
A	Existing concrete column	m <sup>2</sup>	30		
	<u>Prepare and apply one coat approved alkali resisting primer and two coats of gloss enamel paint as specified :-</u>				
B	To timber surfaces	m <sup>2</sup>	30		
	<u>Make good (rubbed down, scrapping etc) and prepare and apply anti-corrosion one coat approved alkali resisting primer and two coats of gloss enamel paint as specified :-</u>				
C	To metal surface	m <sup>2</sup>	10		
	<b><u>Homogenous Tiles</u></b>				
	<u>600mm x 600mm x 8.5mm Thick anti-slip homogenous tiles laid in pattern, bedded, jointed and pointed in matching coloured cement as described on cement and sand screed (measured separately) as specified pattern approved by the Architect; internally</u>				
D	To existing surface	m <sup>2</sup>	20		
TO COLLECTION					RM

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (RM)
	<div>C8- WAKAF ( CONT'D) (ALL QUANTITIES PROVISIONAL)</div> <div>COLLECTION</div> <div>PAGE C8/ 1 OF 2</div>			RM	
<div>TOTAL C8 - WAKAF :</div> <div>- CARRIED TO SUMMARY :</div>					RM

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (RM)
	<p><b><u>C9 - WALKWAY</u></b></p> <p><b><u>(ALL QUANTITIES PROVISIONAL)</u></b></p> <p><b><u>INFORMATION :</u></b></p> <p><u>The Contractor shall take note that the following scope of work shall be under his responsibilities and shall price the works in accordance with the drawing stated</u></p> <p><b><u>ROOFING COVERINGS</u></b></p> <p><u>"Monier Contour Tiles or other approved equivalent interlocking concrete glazed tiles as specified laid on and including 50mm x100mm sawn pressured treated timber (SG2)and 25mm x 50mm (SG2) battens at approved centres including wire nails at every course all in strict accordance with the manufacturer's instructions and to the approval of S.O</u></p>				
A	<p><u>To timber rafter</u></p>	m <sup>2</sup>	30		
	<p><u>Approved interlocking ridge capping to match roof tiling bedded, jointed and pointed in waterproofed coloured cement mortar (1:3) as specified</u></p>				
B	<p><u>To roof coverings</u></p>	m	25		
	<p><b><u>Trusses repair</u></b></p> <p><u>Supply and fixed sawn pressure treated timber (SG2) roof trusses as specified:</u></p>				
C	<p>50mm x 50mm</p>	m	10		
D	<p>50mm x 75mm</p>	m	10		
E	<p>50mm x 100mm</p>	m	10		
F	<p>50mm x 125mm</p>	m	10		
	<p><b><u>Painting</u></b></p> <p><u>Make good (rubbed down, scrapping etc) and prepare and apply anti-corrosion one coat approved alkali resisting primer and two coats of gloss enamel paint as specified :-</u></p>				
G	<p><u>To metal surface</u></p>	m <sup>2</sup>	20		
H	<p><u>To timber</u></p> <p><u>Make good(surface preparation for water jetting etc) and apply one coat approved sealer/primer and two coats of topcoat roofing paint all in accordance to manufacturer's instruction as specified:</u></p>	m <sup>2</sup>	95		
I	<p><u>To all roofing surface</u></p>	m <sup>2</sup>	200		
TO COLLECTION				RM	

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (RM)
	<p><b>C9 - WALKWAY (CONT' D)</b></p> <p><b>(ALL QUANTITIES PROVISIONAL)</b></p>  <p>COLLECTION</p> <p>PAGE C9 / 1 OF 2</p>			RM	
<p align="right"><b>TOTAL C9- WALKWAY :</b></p> <p align="right"><b>- CARRIED TO SUMMARY :</b></p>					RM

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (RM)
	<p><b><u>C10- OUTDOOR NETBALL COURT</u></b></p> <p><b><u>(ALL QUANTITIES PROVISIONAL)</u></b></p> <p><b><u>NETBALL COURT</u></b></p> <p><u>Construction and completion new netball court overall size 30,500mm x 15,250mm wide including all architectural, structural and civil works and all other related works to the S.O. approval as per Architect's drawing no. CA/P-R27/11/14/PEL11/079/GS06/01 and all relevant Engineer's drawing.</u></p> <p><b><u>EXCAVATION AND EARTHWORK</u></b></p> <p><u>Excavate, get out, part return, level, grade and ram bottom trim sides and remainder load and cart away from site, including planking and strutting</u></p> <p><u>Commencing from existing ground level</u></p> <p>A For slabs and thickening; not exceeding 300mm</p> <p><b><u>HARDCORE</u></b></p> <p><u>Well compacted hardcore spread, levelled, well rammed and consolidated to receive concrete including trimming base of excavation.</u></p> <p>B Hardcore; 150mm thick to underneath of slabs</p> <p><b><u>LEAN CONCRETE</u></b></p> <p><u>Lean Concrete Grade C12/15 blinding with surface finishes level to receive concrete including where necessary trimming base of excavation</u></p> <p>C Under ground slab &amp; thickening; not exceeding 100mm thick</p>	m <sup>3</sup>	140		
		m <sup>2</sup>	473		
		m <sup>3</sup>	24		
TO COLLECTION					RM

20/10/2024 - 4:25 PM



ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (RM)
	<u>Preparing and applying approved acrylic epoxy paint to floors; consist of one coat primer and two coats epoxy; all in accordance with the specialist's recommendations, Architect's drawings and S.O.'s approval</u>				
I	To slab	m <sup>2</sup>	473		
J	To straight line marking	m	80		
K	To circular on plan line marking	m	50		
	<b><u>ACCESSORIES</u></b>				
	<b><u>Portable Netball Pole</u></b>				
L	Supply, deliver and install mild steel portable netball pole including netting; all in accordance with Architect's drawings and S.O.'s approval	no	2		
	<b><u>Portable Referee Chair</u></b>				
M	Supply and deliver portable referee chair; all in accordance with Architect's drawings and S.O.'s approval	no	2		
	<b><u>M.S Grating</u></b>				
	<u>230mm x 600mm mild steel grating drain cover with welded connection, comprising 50mm x 50mm X 6mm thick angle all round, infilled with 40mm x 6mm thick flats at 30mm centres, painted with one coat red oxide primer, set in and including forming rebate at top of drain.</u>				
N	To perimeter drain	no	70		
TO COLLECTION					RM

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (RM)
	<div>C10- OUTDOOR NETBALL COURT (CONT'D)</div> <div>(ALL QUANTITIES PROVISIONAL)</div>				
	COLLECTION				
	PAGE C10/ 1 OF 4			RM	
	PAGE C10/ 2 OF 4			RM	
	PAGE C10/ 3 OF 4			RM	
TOTAL C10- OUT DOOR NETBALL COURT : - CARRIED TO SUMMARY :					RM

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (RM)
	<p><b><u>C11- FOOTBALL FIELD</u></b></p> <p><b><u>(ALL QUANTITIES PROVISIONAL)</u></b></p> <p><b><u>Supply and install the following football field to manufacturer's instruction and S.O. approval;-</u></b></p> <p><b><u>EARTH WORK AND TURFING WORKS</u></b></p> <p><u>Clear all vegetation, tree irrespective of girth or other obstructions which interface with the execution of the work and remove all debris off site as per S.O approval</u></p> <p>A Excavate, Trim, grade and roll subgrade to the required gradient to receive base course (measured separately) m2 200</p> <p>B Supply and lay 150mm thick naturalorganic fibre sand consist of cellulose, lignin, pentosan and ash, with 75mm - 10mm pile length admixture (15% - 20% pulp) M3 200</p> <p>C Supply and lay selected approved cow grass in close turfing sprigging method onto final graded surface inclusive of watering, rolling, weeding, mowing and fertilizing untill firmly establish m2 400</p> <p><b><u>LINES &amp; MARKINGS</u></b></p> <p><u>Preparing and applying approved acrylic epoxy paint to floors; consist of one coat primer and two coats epoxy; all in accordance with the specialist's recommendations, Architect's drawings and S.O.'s approval</u></p> <p>D To straight line marking m 100</p> <p>E To circular on plan line marking m 50</p> <p><b><u>ACCESSORIES</u></b></p> <p><b><u>Soccer Goal</u></b></p> <p>A Supply, deliver and install free hanging type aluminium soccer goal overal size 7.32m x 2.44m including netting; all in accordance with Architect's drawings and S.O.'s approval set 2</p> <p><b><u>Corner Flag Post</u></b></p> <p>Supply, deliver and install flexible system aluminium corner flag complete with gground socket; all in accordance with Architect's drawings and S.O.'s approval no 4</p>				
TO COLLECTION RM					

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (RM)
	<div><div><div>C11- FOOTBALL FIELD (CONT'D)</div><div>(ALL QUANTITIES PROVISIONAL) (CONT'D)</div></div><div><div>COLLECTION</div><div>PAGE C11 / 1 OF 2</div></div></div>			RM	
<div>TOTAL C11 - FOOTBALL FIELD : - CARRIED TO SUMMARY :</div>					RM

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (RM)
A	<p><b><u>C-12 - FLAG POST</u></b></p> <p><b><u>(ALL QUANTITIES PROVISIONAL)</u></b></p> <p><b><u>FLAG POST</u></b></p> <p><b><u>Construction of "Flag Post" including all architectural, structural and civil works and all other related works to the as S.O. approval .</u></b></p> <p><i>(Use existing stainless steel post - 3 nos)</i></p>	no	2		
TO COLLECTION					RM



ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (RM)
A	<b><u>C13 - BILLBOARD</u></b>				
	<b><u>(ALL QUANTITIES PROVISIONAL)</u></b>				
	Construct and complete of "Billboard" overall size 1000mm x 1800mm including all architectural, structural and civil works and all other related works to the as S.O. approval .	No	1		
TO COLLECTION					RM

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (RM)
	<div>C13 - BILLBOARD ( C0NT'D)</div> <div>(ALL QUANTITIES PROVISIONAL)</div> <div>COLLECTION</div> <div>PAGE C13/ 1 OF 2</div>			RM	
TOTAL C13 - BILLBOARD : - CARRIED TO SUMMARY :					RM



ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT ( RM )
	<b><u>PRIME COST SUM</u></b>  <i>Notes:</i> <i>Provide the following Prime Cost Sums For Work Executed by Nominated Sub-Contractors</i>  <b><u>MECHANICAL WORKS</u></b>  A Allow a Prime Cost Sum of <b>(RM330,000.00)</b> for Mechanical Works  Add for Main Contractor's Profit  Add for Attendance  <b><u>ELECTRICAL WORKS</u></b>  B Allow a Prime Cost Sum of <b>(RM420,000.00)</b> for Electrical Works  Add for Main Contractor's Profit  Add for Attendance	LS  %  LS    LS  %  LS			
	TOTAL TO RINGKASAN TENDER			RM	

ITEM NO	DESCRIPTION	UNIT	QTY	AMOUNT
	<p><b><u>PROVISIONAL SUM</u></b></p> <p>The Provisional Sums shall be expended as directed by the Superintending Officer or deducted in whole or part if not required</p> <p><b><u>Signages</u></b></p> <p>A Allow a Provisional Sum of <b>(RM10,000.00)</b> for Signages</p> <p>Add for Main Contractor's Profit</p> <p>Add for Attendance</p> <p><b><u>Asset Registration and Labelling</u></b></p> <p>B Allow a Provisional Sum of <b>(RM10,000.00)</b> for Asset Registration and Labelling to be expended at such times and in such amount as the S.O may direct. Such sum if not used either wholly or in part be deducted from the contract sum. The value of the work executed by the contractor under <u>clause 34.2</u> of the condition of contract</p> <p>Add for Main Contractor's Profit</p> <p>Add for Attendance</p> <p><b><u>Landscape</u></b></p> <p>C Allow a Provisional Sum of <b>(RM13,000.00)</b> for Landscape</p> <p>Add for Main Contractor's Profit</p> <p>Add for Attendance</p>	<p>LS</p> <p>%</p> <p>LS</p> <p>LS</p> <p>%</p> <p>LS</p> <p>LS</p> <p>%</p> <p>LS</p>		
	<b>TOTAL TO RINGKASAN TENDER</b>		<b>RM</b>	